

Exploring Public Speaking

Barbara Tucker
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Exploring Public Speaking: 2nd Revision

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Exploring Public Speaking: The Free Dalton State College Public Speaking Textbook



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Exploring Public Speaking:

The Free Dalton State College Public Speaking Textbook

Part 1

Chapters 1-10

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EXPLORING PUBLIC SPEAKING

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CHAPTER 1

The Basics of Public Speaking



Learning Objectives

After reading this chapter, the student will be able to:

- ◇ Define public speaking, channel, feedback, noise, encode, decode, symbol, denotative, and connotative;
- ◇ Explain what distinguishes public speaking from other modes of communication;
- ◇ List the elements of the communication process;
- ◇ Explain the origins of anxiety in public speaking;
- ◇ Apply some strategies for dealing with personal anxiety about public speaking;
- ◇ Understand why public speaking is part of the curriculum at this college and important in personal and profession life.

Chapter Preview

- 1.1 – What is Public Speaking?
- 1.2 – Anxiety and Public Speaking
- 1.3– Understanding the Process of Public Speaking
- 1.4 – The Value of Public Speaking in Your Life
- 1.5 – Getting Started in Public Speaking

1.1 – What is Public Speaking?

What is your mental picture when you think about “public speaking?” The President of the United States delivering an inaugural address? A sales representative seeking to persuade clients in a board room? Your minister, priest, or rabbi presenting a sermon at a worship service? Your professor lecturing? A dramatic courtroom scene, probably from *Law & Order*? Politicians debating before an election?

All of these and more are instances of public speaking. Be assured that public speaking takes many forms every day in our country and across the world. Now let’s get personal: Do you see yourself as a public speaker? And when you do, do you see yourself as confident, prepared, and effective, or nervous, unsure of what to say, and feeling as if you are failing to get your message across?

You find yourself in this Fundamentals of Speech course and probably have mixed emotions. More than likely, it is required for graduation in your major. Perhaps you have taken a formal public speaking course before. Although they are not as common in secondary education as in colleges (Education Commission of the States, 2015), public speaking instruction may have been part of your high school experience. Maybe you competed in debate or individual speaking events, or you have acted in plays, all of which are activities that can help you in this course, especially in terms of confidence and delivery.

On the other hand, it might be that the only public speaking experience you have had was embarrassing or in your mind, a failure. It might have been years ago, but the feeling still stays with you. This class is not something you have looked forward to, and you may have put it off. Maybe your attitude is, “Let’s just get it over with.” You might think that it’s just another course you have to “get through” in order to study your major and start a career in your field.

These are all understandable emotions because, as you have probably heard or read, polls indicate public speaking is one of the things Americans fear the most. As Jerry Seinfeld has said in his stand-up comedy routine,

According to most studies, people's number one fear is public speaking. Number two is death. Death is number two. Does that sound right? This means to the average person, if you go to a funeral, you're better off in the casket than doing the eulogy.

While it is a stretch to think that most people fear death less than

giving a short speech, aversion toward public speaking situations and tasks is common.

Before we go any further, though, what do we mean by “public speaking?” The most obvious answer is “talking in front of a group of people.” For the purposes of this class and this book, public speaking is more formal than that. **Public speaking** is an organized, face-to-face, prepared, intentional (purposeful) attempt to inform, entertain, or persuade a group of people (usually five or more) through words, physical delivery, and (at times) visual or audio aids. In almost all cases, the speaker is the focus of attention for a specific amount of time. There still may be some back-and-forth interaction, such as questions and answers with the audience, but the speaker usually holds the responsibility to direct that interaction either during or after the prepared speech has concluded.

As Stephen A. Lucas (2015) has written, public speaking is an “enlarged conversation,” and as such it has some similarities to conversations but some major differences, too. As a conversation, it has elements of:

- awareness of and sensitivity toward your audience (in this case, more than one person);
- an exchange of explicit messages about content (facts, ideas, information) and less explicit ones about relationship (how you relate to one another, such as trust, liking, respect);
- a dependence on feedback to know if you are successful in being understood (usually nonverbal in public speaking, but still present);
- the fact that the communication is face-to-face rather than mediated (through a computer, telephone, mass media, or writing).

As an “enlarged conversation” public speaking needs to be more purposeful (to entertain, inform, or persuade); highly organized with certain formal elements (introduction and clear main points, for example); and usually dependent on resources outside of your personal experience (research to support your ideas).

Of course, the delivery would have to be “enlarged” or “projected” as well—louder, more fluid, and more energetic, depending on the size and type of room in which you are speaking—and you will be more conscious of the correctness and formality of your language. You might say, “That sucks” in a conversation but less likely to do in front of a large audience in

Public speaking

an organized, face-to-face, prepared, intentional (purposeful) attempt to inform, entertain, or persuade a group of people (usually five or more) through words, physical delivery, and (at times) visual or audio aids.

certain situations. If you can keep in mind the basic principle that public speaking is formalized communication with an audience designed to achieve mutual understanding for mutual benefit (like a conversation), rather than a “performance,” you will be able to relate to your audience on the human and personal level.

1.2 – Anxiety and Public Speaking

Why are so many people afraid of public speaking? This is a complex question, and the answer is tied to many personal and psychological factors such as self-efficacy, self-confidence, past experience, training, culture, and context. The term “**glossophobia**,” combining the two Greek words for “tongue” and “fear or dread,” has been coined to refer to

- . . . a severe fear of public speaking. People who suffer from glossophobia tend to freeze in front of any audience, even a couple of people. They find their mouth dries up, their voice is weak and their body starts shaking. They may even sweat, go red and feel their heart thumping rapidly. (“Do You Suffer From Glossophobia?,” 2015)

This fear may be in situations such as responding to a professor in class or having to interact with a stranger, not just giving formal speeches as this book is addressing.

For many people, fear of public speaking or being interviewed for a job does not rise to the level of a true “phobia” in psychological terms, which is defined by the Diagnostic and Statistical Manual IV as experiencing “significant and persistent fear when in the presence of, or anticipating the presence of, the object of fear, which may be an object, place or situation” (Grohol, 2013). They are just uncomfortable in public speaking situations and need strategies for addressing the task.

Scholars at the University of Wisconsin-Stout (“Public Speaking Anxiety,” 2015) explain that anxiety in public speaking can result from one of several misperceptions:

- “all or nothing” thinking—a mindset that if your speech falls short of “perfection” (an unrealistic standard), then you are a failure as a public speaker;
- overgeneralization—believing that a single event (such as failing at a task) is a universal or “always” event; and
- fortune telling—the tendency to anticipate that things will turn out badly, no matter how much practice or rehearsal is done.

Likewise, many new college students operate under the false belief that intelligence and skill are “fixed.” In their minds,

Glossophobia

a severe fear of public speaking



you are either smart or skilled in something, or you're not. Some students apply this false belief to math and science subjects, saying things like "I'm just no good at math and I never will be," or even worse, "I guess I am just not smart enough to be in college." Unfortunately, as you can tell, these beliefs can sabotage someone's college career. Also unfortunately, the same kind of false beliefs are applied to public speaking, and people conclude that because public speaking is hard, they are just not "natural" at it and have no inborn skill, and they give up.

Modern research by [Stanford University psychologist Carol Dweck](#) (2007) and others shows that intelligence and related skills are "malleable," meaning that they are open to change and growth. Understanding and accepting that your intelligence and skill in different areas is not fixed or "stuck," but open to growth, will have a significant influence on your success in life. It will also help you see that just because learning a subject or task is hard does not mean you are not good at it. Obstacles and barriers that make learning hard are opportunities for growth, not "getting off places."

So, we can see that anxiety in public speaking is related to more than just one situation. There are fears and false assumptions involved, and we'll now spend time discussing two specific fears you may have: fear of failure and fear of rejection.

Fear of failure

This fear can result from several sources: real or perceived bad experiences involving public speaking in the past, lack of preparation, lack of knowledge about public speaking, not knowing the context, and uncertainty about one's task as a public speaker (such as being thrown into a situation at the last minute).

It is not the goal of this book to belittle that fear. It is real and justified *to some extent*, because you might lack understanding of the public speaking task or lack good speaking experiences upon which to build. One of the goals and fringe benefits of this course is that you are not just going to *learn* about public speaking, but you are going to *do* it—at least four or five times—with a real audience. You will overcome some of your fears and feel that you have accomplished something of personal benefit.

Fear of rejection of self or ideas

This one is more serious in some respects. You may feel rejection because of fear of failure, or you may feel that the audience will reject your ideas, or worse, you as a person. Knowing how to approach the public speaking task and explain your ideas can help. However, you will also have to ask yourself deep and probing questions as to why you believe that your audience will reject you *because this fear is rooted in a belief*.

One of the core attitudes an effective and ethical public speaker must have is respect for and empathy with the audience. Your audience in this class is your peers who want to learn and want to get through the class successfully (just like you do). Your audience also includes your instructor who wants to see you succeed in the course as well. They want you to succeed if for no other reason than a good speech is much easier and pleasant to listen to than a poor one! Again, gaining practice in this class with a real, live audience can help you work through the roots of your fear of rejection.

Beyond dealing with the root fears that may cause you to have a “fright or flight” response when it comes to public speaking, there are some practical answers to dealing with fears about public speaking. Of course, fear responses can be reduced if you know how public speaking works, as you will see throughout this textbook. But there are some other strategies, and all of them have to do with preparation.

Mental preparation

If your neighbor’s house were on fire, getting to the phone to call the fire department would be your main concern. You would want to get the address right and express the urgency. That is admittedly an extreme example, but the point is about focus. To mentally prepare, you want to put your focus where it belongs, on the audience and the message. Mindfulness and full attention to the task are vital to successful public speaking. If you are concerned about a big exam or something personal going on in your life, your mind will be divided and add to your stress.

The main questions to ask yourself are “Why am I so anxiety-ridden about giving a presentation?” and “What is the worst that can happen?” For example, you probably won’t know most of your classmates at the beginning of the course, adding to your anxiety. However, very often we make situations far worse in our minds than they actually are, and we can lose perspective. One of the authors tells her student, “Some of you have been through childbirth and even through military service . That is much worse than public speaking!” Your instructor will probably try to help you get to know your classmates and minimize the “unknowns” that can cause you worry.

Physical preparation

The first step in physical preparation is adequate sleep and rest. You might be thinking such a thing is impossible in college, where sleep deprivation and late nights come with the territory. However, research shows the extreme effects a lifestyle of limited sleep can have, far beyond yawning or dozing off in class (Mitru, Millrood, & Mateika, 2002). As far as public speaking is concerned, your energy level and ability to be mindful will be affected by lack of sleep.

Secondly, you would be better off to eat something that is protein-based rather than processed sugar-based before speaking. In other words, cheese or peanut butter on whole grain toast, Greek yogurt, or eggs for breakfast rather than a donut and soft drink. Some traditionalists also discourage the drinking of milk because it is believed to stimulate mucus production, but this has not been scientifically proven (Lai & Kardos, 2013).

A third suggestion is to wear clothes that you know you look good in and are comfortable but also meet the context’s requirements (that is, your instructor may have a dress code for speech days). Especially, wear comfortable shoes that give you a firm base for your posture. Flip-flops and really high heels may not fit these categories.

A final suggestion for physical preparation is to utilize some stretching or relaxation techniques that will loosen your limbs or throat. Essentially, your emotions want you to run away but the social system says you must stay, so all that energy for running must go somewhere. The energy might go to your legs, hands, stomach, sweat glands, or skin, with undesirable physical consequences. Tightening and stretching your hands, arms, legs, and throat for a few seconds before speaking can help release some of the tension. Your instructor may be able to help you with these exercises, or you can find some on the [Internet](#).

Contextual preparation

The more you can know about the venue where you will be speaking, the better. For this class, of course, it will be your classroom, but for other situations where you might experience “communication apprehension,” you should check out the space beforehand or get as much information as possible. For example, if you were required to give a short talk for a job interview, you would want to know what the room will be like, if there is equipment for projection, how large the audience will be, and the seating arrangements. If possible, you will want to practice your presentation in a room that is similar to the actual space where you will deliver the talk.

The best advice for contextual preparation is to be on time, even early. If you have to rush in at the last minute, as so many students do, you will not be mindful, focused, or calm for the speech. Even more, if you are early, you can make sure equipment is working, and can converse with the audience as they enter. Professional speakers often do this to relax themselves, build credibility, and gain knowledge to adapt their presentations to the audience. Even if you don’t want to “schmooze,” you will be able to create a good first impression and thus enhance your credibility before the actual speech.



Speech preparation

Procrastination, like lack of sleep, seems to just be part of the college life. Sometimes we feel that we just don’t get the best ideas until the last minute. Writing that essay for literature class at 3:00 a.m. just may work for you. However, when it comes to public speaking, there are some definite reasons you would not want to do that. First, of course, if you are finishing up your outline at 3:00 a.m. and have a 9:00 speech, you are going to be tired and unable to focus. Second, your instructor may require you to turn in your outline several days ahead of the speech date.

However, the main reason is that public speaking requires active, oral, repeated practice before the actual delivery.

You do not want the first time that you say the words to be when you are in front of your audience. Practicing is the only way that you will feel confident, fluent, and in control of the words you speak. Practicing (and timing yourself) repeatedly is the only way that you will be assured that your speech meets the context's time limits, and speaking within the expected time limits is a cardinal rule of public speaking. You may *think* your speech is five minutes long but it may end up being ten minutes the first time you practice it—or two minutes!

Your practicing should be out loud, standing up, with shoes on, with someone to listen (other than your dog or cat), and with your visual aids. If you can record yourself and watch it, that is even better. The need for oral practice will be emphasized over and over in this book and probably by your instructor. As you progress as a speaker, you will always need to practice but perhaps not to the extent you do as a novice speaker.

Some concluding thoughts on good old “stage fright” (a term we prefer not to use in preference to “communication anxiety” or “apprehension”). As hard as it is to believe,

YOU NEVER LOOK AS NERVOUS AS YOU FEEL.

You may feel that your anxiety is at level seventeen on a scale of one to ten, but the audience does not perceive it the same way. They may perceive it at a three or four or even less. That's not to say they won't see *any* signs of your anxiety and that you don't want to learn to control it, only that what you are feeling inside is not as visible as you might think. This principle relates back to focus. If you know you don't look as nervous as you feel, you can focus and be mindful of the message and audience rather than your own emotions.

Also, your anxiety will decrease throughout the class (Finn, Sawyer, & Schrod, 2009). In this [Ted Talk video](#), Harvard Business School social psychologist Amy Cuddy discusses nonverbal communication and suggests that instead of “faking it until you make it,” that you can, and should, “fake it until you become it,” because research shows that our behavior affects our mindsets, not just the other way around. Therefore, the act of giving the speech and “getting through it” will help you gain confidence.

Final Note: If you are an audience member, you can help the speaker with his/her anxiety, at least a little bit. Mainly, be an engaged listener from beginning to end. You can imagine that a speaker is going to be more nervous if the audience looks bored from the beginning. A speaker with less anxiety is going to do a better job and be more interesting. Of course, do not walk into class during your classmates' speeches, or get up and leave. In addition to being rude, it pulls their minds away from their message and distracts the audience. Your instructor will probably have a policy on this behavior, too, as well as a dress code and other expectations on speech days.

1.3 - Understanding the Process of Public Speaking

Earlier it was stated that public speaking is like an enlarged or projected conversation. Conversation and public speaking are two forms of human communication, of which there are also small group communication, organizational communication, mass communication, and intercultural communication. All human communication is a process composed of certain necessary elements:

- People (often referred to as senders and receivers);
- context;
- message;
- channel;
- noise;
- feedback; and
- outcome.

With all these elements working together, the act of communication can be very complex. The famous German philosopher Johann Goethe said that if we understood how complex communication really is, we probably would not attempt it! Perhaps here we can demystify some of it.

Human communication first involves people. That is pretty obvious, but we do not want to be so focused on the message or channel that we forget that *people* are at the center of it. In public speaking it is common to call one person (the speaker) the "sender" and the audience the "receiver(s)," but in the real world it is not always as simple as that. Sometimes the speaker initiates the message, but other times the speaker is responding to the audience's initiation. It is enough to say that sender and receiver exchange roles sometimes and both are as necessary as the other to the communication process.

Human communication and public speaking secondly requires context. Context has many levels, and there are several “contexts” going on at the same time in any communication act. These contexts can include:

- *Historical*, or what has gone on between the sender(s) and receiver(s) before the speech. The historical elements can be positive or negative, recent or further back in time. In later chapters we will see that these past events can influence the speaker’s credibility with the audience.
- Cultural, which usually refers to the country where someone was born and raised but can also include ethnic, racial, religious, and regional cultures or co-cultures
- Social, or what kind of relationship the sender(s) and receiver (s) are involved in, such as teacher-student, co-workers, employer-employee, , or members of the same civic organization, faith, profession, or community. As Beavin, Watzlawick, and Jackson (1967) state, communication relationships can be about equality in power or differences in power, depending on the situation.
- Physical, which involves where the communication is taking place and the attributes of that location. The physical context can have cultural meaning (a famous shrine or monument) that influences the form and purpose of the communication., or attributes that influence audience attention (temperature, seating arrangements, or external noise).

Each one of these aspects of context bears upon how we behave as a communicator and specifically a public speaker.

Third, human communication of any kind involves a message. That message may be informal and spontaneous, such as striking up a conversation with a seatmate on a plane for no other reason than to have someone to talk to and be pleasant. On the other hand, it might be very formal, intentional, and planned, such as a commencement address or a speech in this course. In this textbook several chapters will be devoted to the creation of that formal message, but that does not diminish the importance of the other elements, because the message is a product of all of them.

Fourth, public speaking, like all communication, requires a **channel**. We think of channel in terms of television or something like a waterway (The English Channel). Channel is how the message gets from sender to receiver. In interpersonal human communication, we see each other and hear each other, in the

Channel

the means through which a message gets from sender to receiver

Feedback

direct or indirect messages sent from an audience (receivers) back to the original sender of a message

same place and time. In mediated or mass communication, some sort of machine or technology (tool) comes between the people—phone, radio, television, printing press and paper, or computer.

The face-to-face channel adds to the immediacy and urgency of public speaking, but it also means that physical appearance and delivery can affect the receiver(s) positively and negatively. It also means that public speaking is linear in time and we do not get a “redo” or “do-over.” This element of channel influence structure, transitions, and language choices, which are discussed later in the book.

The fifth element of human communication is **feedback**, which in public speaking is usually nonverbal, such as head movement, facial expressions, laughter, eye contact, posture, and other behaviors that we use to judge audience involvement, understanding, and approval. These too can be positive (nodding, sitting up, leaning forward, smiling) or less than positive (tapping fingers, fidgeting, lack of eye contact, checking devices).

Can you think of some others that would indicate the audience is either not engaged in, confused about, or disapproving of the message or speaker? Feedback is important because we use it in all communication encounters to evaluate our effectiveness and to decide the next step to take in the specific communication interaction. For example, a quizzical expression may mean we should explain ourselves again. Someone turning away from us is interpreted as disapproval.

The sixth element of human communication is **noise**, which might be considered interruptions or interference. Some amount of noise is almost always present due to the complexity of



human behavior and context. There are just so many things that can come into the communication process to obscure the messages being sent. Some of the ways that noise can be classified include:

- Contextual – something in the room or physical environment keeps them from attending to or understanding a message
- Physical – the receiver(s)' lack of ability or health affects their understanding of the message, or the sender's physical state affects her ability to be clear and have good delivery.
- Psychological – the receiver(s) or sender(s) have stress, anxiety, past experience, personal concerns, or some other psychological issue that prevents the audience from receiving a message

This short list of three types of noise is not exhaustive, but it is enough to point out that many things can “go wrong” in a public speaking situation, enough to make us agree with Mr. Goethe. However, the reason for studying public speaking is to become aware of the potential for these limitations or “noise” factors, to determine if they could happen during your speech, and take care of them. Many of them are preventable; for example, ones related to physical context can be taken care of ahead of time (temperature or layout of room) if possible. Others can be addressed directly; for example, if you know the audience is concerned about something, bring it up and explain why it might relate to your topic.

The final element of the communication process is outcome or result, which means a change in either the audience or the context. For example, if you ask an audience to consider becoming bone marrow donors, there are certain outcomes. They will either have more information about the subject and feel more informed, disagree with you, take in the information but do nothing about the topic, and/or decide it's a good idea to become a donor and go through the steps to do so. If they become a potential donor, they will add to the pool of existing donors. Thus, either they have changed or the social context has changed, or both. This change feeds back into the communication process.

It is common for textbooks on public speaking and communication to provide models of the communication process, depicting the relationship of these factors. There are several varieties of such models, some of which are considered foundational to the field of communication (such as [Shannon and Weaver's original linear, transmissional model from 1949](#)) and some more recent ones. One model that focuses more on the

Noise

anything that disrupts, interrupts, or interferes with the communication process

Encode

the process of the sender putting his/her thoughts and feelings into words or other symbols

Decode

the process of the listener or receiver understanding the words and symbols of a message and making meaning of them

Symbol

a word, icon, picture, object, or number that is used to stand for or represent a concept, thing, or experience

process is the [transactional model of communication](#), where the emphasis is more on the relationship or co-meanings created between the communicators. If you go to Google images and search for “models of communication,” you will find many. You can also see an example of a communication model specific to public speaking in Figure 9.2 of this book.

What they have in common is the idea of process in time. They also will often use the word **encode** to express the process of the sender putting his/her thoughts and feelings into words or other symbols. Models also use the word **decode** to express the process of the listener or receiver understanding those words and symbols and making meaning of them for him- or herself personally. Models of communication attempt to show the interplay of the many elements that take place in the communication act.

Em Griffin (1987), a professor of communication at Wheaton College and author of several textbooks, compares the communication process to three games, dependent on one’s theory of how it works. Some think of communication like bowling, where the speaker throws a message at an audience in order to knock them down. The audience does not really respond or have very much to say about the act; they only react. Some think of communication like table tennis (ping-pong); there is back and forth but the goal is to win. Griffin says the better game metaphor is charades, or Pictionary®, where a team together tries to understand meaning and has to make many attempts to get the team to guess the right answer. It is collaborative and involves trial and error. Models of communication that show the value of feedback in recalibrating the message are like the image of charades. An ethical speaker sees public speaking as more than attacking the audience and more than winning.

Additionally, communication is referred to a symbolic process. In this context, a **symbol** is a word, icon, picture, object, or number that is used to stand for or represent a concept, thing, or experience. Symbols almost always have more than one specific meaning or concept they represent. A flag, for example, is a symbol of a country or political unit, but it also represents the history, culture, and feelings that people in that country experience about various aspects of the culture.

The word “car” or “automobile” represents a machine with four tires, windows, metal body, internal combustion engine, and so on, but it also represents personal, individual experiences and associations with cars. We call this difference **denotative** (the objective or literal meaning shared by most people using the word) and the **connotative** (the subjective, cultural, or personal

meaning the word evokes in people together or individually). One of the authors and her husband recently visited the National Corvette Museum in Bowling Green, Kentucky. Nothing like a car museum shows that “car” has deep and broad cultural meanings beyond metal, rubber, and glass.

Now that we have looked at the process of communication, let’s apply it to public speaking. The speaker originates and creates a structured message and sends it through the visual/oral channel using symbols and nonverbal means to the audience members as a group, who provide (mostly nonverbal) feedback. The speaker and audience may or may not be aware of the types of interference or noise that exist, and the speaker may try to deal with them. As a result of the public speaking, the audience’s minds or actions are affected, and possibly the speaker’s as well.

Marcus Cicero (106-43 B.C. E.) was the most renowned politician, orator, and advocate of rhetoric in the late Roman Republic. For centuries he was considered the role model for aspiring public speakers. He discussed the process of public speaking in a unique way, proposing that a speaker go through the “canons (laws) of rhetoric” to create a speech. These steps are:

1. invention (creating content),
2. disposition (organization and logic of arguments),
3. style (choosing the right level and quality of vocabulary),
4. memory (actually, memorizing famous speeches to learn good public speaking technique), and
5. delivery (nonverbal communication).

This book will take this same basic approach as the canons of rhetoric in helping you walk through the process of constructing a presentation.

1.4 – The Value of Public Speaking in Your Life

It is not unusual for students to question why this course is included in the curriculum of their major. You might have put it off or be taking it in your first semester. You might believe that it will have little use in your future career. The actual experience of completing the course may change your mind, and we would encourage you to do some research on our own about the question of how public speaking fits into your career. Perhaps you could talk to some professionals in your future field, or perhaps your instructor will discuss this in class or assign a short speech about it.

Denotative

the objective or literal meaning shared by most people using the word

Connotative

the subjective or personal meaning the word evokes in people together or individually

However, here are three reasons why you can benefit from this course. First, public speaking is one of the major communication skills desired by employers. Employers are frequently polled regarding the skills they most want employees to possess, and communication is almost always in the top three (Adams, 2014). Of course, “communication skills” is a broad term and involves a number of abilities such as team leadership, clear writing in business formats, conflict resolution, interviewing, and listening. However, public speaking is one of those sought-after skills, even in fields where the entry-level workers may not do much formal public speaking. Nurses give training presentations to parents of newborn babies; accountants advocate for new software in their organizations; managers lead team meetings.

If you are taking this class at the beginning of your college career, you will benefit in your other future classes from the research, organizational, and presentational skills learned here. According to the National Survey on Student Engagement, college freshmen tend to think they will not be giving many presentations in college classes, but that is wishful thinking. Different kinds of presentations will be common in your upcoming classes.

Another reason for taking a public speaking course is the harder-to-measure but valuable personal benefits. As an article on the *USAToday College* website states, a public speaking course can help you be a better, more informed and critical listener; it can “encourage you to voice your ideas and take advantage of the influence you have;” and it gives you an opportunity to face a major fear you might have in a controlled environment (Massengale, 2014). Finally, the course can attune you to the power of public speaking to change the world. Presentations that lead to changes in laws, policies, leadership, and culture happen every day, all over the world.

1.5 – Getting Started in Public Speaking

To finish this first chapter, let’s close with some foundational principles about public speaking, which apply no matter the context, audience, topic, or purpose.

Timing is everything

We often hear this about acting or humor. In this case, it has to do with keeping within the time limit. As mentioned before, you can only know that you are within time limits by practicing and timing yourself; it shows preparation and forethought. More importantly, being on time (or early) for the presentation and within time limits shows respect for your audience.

Public speaking requires muscle memory

If you have ever learned a new sport, especially in your teen or adult years, you know that you must consciously put your body through some training to get it used to the physical activity of the sport. An example is golf. A golf swing, unlike swinging a baseball bat, is not a natural movement and requires a great deal of practice, over and over, to get right. Pick up any golf magazine and there will be at least one article on “perfecting the swing.” In fact, when done incorrectly, the swing can cause severe back and knee problems over time.

Public speaking is a physical activity as well. You are standing and sometimes moving around; your voice, eye contact, face, and hands are involved. You will expend physical energy, and after the speech you may be tired. Even more, your audience’s understanding and acceptance of your message may depend somewhat on how energetic, controlled, and fluid your physical delivery. Your credibility as a speaker hinges to some extent on these matters.

Public speaking involves a content and relationship dimension

You may have heard the old saying, “People don’t care how much you know until they know how much you care.” According to Watzlawick, Beavin, and Jackson (1967), all human communication has two elements going at the same time: content and relationship. There are statements about ideas, facts, and information, and there are messages communicated about the relationship between the communication partners, past and present. Public speaking is not a good way to provide a lot of facts and data to your audience. In fact, there are limits to how much information you can pile on your audience before listening is too difficult for them. However, public speaking is a good way to make the information meaningful for your audience.

Emulation is the sincerest form of flattery

Learn from those who do public speaking well, but find what works best for you. Emulation is not imitation or copying someone; it is following a general model. Notice what other speakers do well in a speech and try to incorporate those strategies. An example is humor. Some of us excel at using humor, or some types of it. Some of us do not, or do not believe we do, no matter how hard we try. In that case, you may have to find other strengths to becoming an effective speaker. However, use of storytelling, such as through illustrations or narrative

examples, should be part of your speaking. Stories are one of your most powerful tools as a speaker, and audiences are likely to remember anecdotes and narratives long after a speech's statistics are forgotten.

Know your strengths and weaknesses

Reliable personality inventories, such as the [Myers Briggs](#) or the [Gallup StrengthsQuest](#) tests, can be helpful in knowing your strengths and weaknesses. One such area is whether you are an extravert or introvert. Introverts (about 40% of the population) get their psychological energy from being alone while extraverts tend to get it from being around others. This is a very basic distinction and there is more to the two categories, but you can see how an extravert may have an advantage with public speaking. However, the extravert may be tempted not to prepare and practice as much because he or she has so much fun in front of an audience, while the introvert may overprepare but still feel uncomfortable. Your public speaking abilities will benefit from increased self-awareness about such characteristics (For an online self-inventory about introversion and extraversion, go to <http://www.quietrev.com/the-introvert-test/>).

Remember the Power of Story

Stories and storytelling, in the form of anecdotes and narrative illustrations, are your most powerful tool as a public speaker. Your instructor may assign you to do a personal narrative speech, or require you to write an introduction or conclusion for one of your speeches that includes a story. This does not mean that other types of proof are unimportant and that you just want to tell stories in your speech, but human beings love stories and often will walk away from a speech moved by or remembering a powerful story or example more than anything.

Conclusion

This chapter has been designed to be informative but also serve as a bit of a pep talk. Many students face this course with trepidation, for various reasons. However, as studies have shown over the years, a certain amount of tension when preparing to speak in public can be good for motivation. A strong course in public speaking should be grounded in the communication research, the wisdom of those who have taught it over the last 2,000 years, and reflecting on your own experience.

John Dewey (1916), the twentieth century education scholar, is noted for saying, "Education does not come just from experience, but from reflecting on the experience." As you finish this chapter and look toward your first presentation in class, be

sure to give yourself time after the experience to reflect, whether by talking to another person, journaling, or sitting quietly and thinking, about how the experience can benefit the next speech encounter. Doing so will get you on the road to becoming more confident in this endeavor of public speaking.



Something to Think About

Investigate some other communication models on the Internet. What do they have in common? How are they different? Which ones seem to explain communication best to you?

CHAPTER 2

Audience Analysis and Listening



Learning Objectives

After reading this chapter, the student will be able to:

- ◇ Define audience-centered, audience analysis, and demographic characteristics;
- ◇ List and explain the various demographic characteristics used to analyze an audience;
- ◇ Define the meanings of attitudes, beliefs, values, and needs;
- ◇ Diagram Maslow's hierarchy of needs and explain its usefulness to public speaking;
- ◇ Describe contextual factors that should be considered when preparing a speech;
- ◇ Describe typical barriers to listening in public speaking situations;
- ◇ Explain ways an individual can improve his/her listening when in an audience; and
- ◇ Apply what he/she knows about listening to improve personal preparation of a speech.

Chapter Preview

2.1 – The Importance of Audience Analysis

2.2 – Demographic Characteristics

2.3 – Psychographic Characteristics

2.4 – Contextual Factors of Audience Analysis

2.5 – Listening

2.1 – The Importance of Audience Analysis

One of the advantages of studying public speaking and improving your own skills is that you become much more aware of what other speakers do. In one respect, we are able to look for ways to emulate what they do—for example, how they might seamlessly incorporate stories or examples into their speaking, or how they might use transitions to help audiences follow the speech’s logic. In another respect, we become aware of how a speaker might use dramatic delivery or emotional appeals to hide a lack of facts or logic. A course in public speaking should include ways to improve one’s listening to public speaking.

This chapter will look at the audience from both sides of the lectern, so to speak. First it will examine how a presenter can fully understand the audience, which will aid the speaker in constructing the approach and content of the speech. Secondly, this chapter will examine the public speaker as audience member and how to get the most out of a speech, even if the topic does not seem immediately interesting.

As discussed in Chapter 1, we have Paul Watzlawick, Janet Beavin, and Don Jackson (1967) to thank for pointing out to us that communication always involves a content dimension and a relationship dimension. Nowhere does that become more important than when we look into what is commonly known as audience analysis. Their concept about content and relationship dimension will guide this chapter. You are not using the speech to dump a large amount of content on the audience; you are making that content important, meaningful, and applicable to them. Additionally, the way the audience perceives you and your connection to them—such as whether there is mutual trust and respect—will largely determine your success with the audience. The speaker must respect the audience as well as the audience trusting the speaker.

2.2 – Demographic Characteristics

When we use the term **audience analysis**, we mean looking at the audience first by its demographic characteristics and then by their internal psychological traits. “Demo-” comes the Greek root word *demos* meaning “people,” and “-graphic” means description or drawing. **Demographic characteristics** describe the outward characteristics of the audience. This textbook will discuss ten of them below, although you might see longer or shorter lists in other sources. Some of them are obvious and some not as much. But before we get into the specific demographic characteristics, let’s look at three principles.

Audience analysis

examining and looking at your audience first by its demographic characteristics and then by their internal psychological traits

Demographic characteristics

the outward characteristics of the audience

Stereotyping

generalizing about a group of people and assuming that because a few persons in that group have a characteristic, all of them do

Totalizing

taking one characteristic of a group or person and making that the “totality” or sum total of what that person or group is

First, be careful not to stereotype on the basis of a demographic characteristics. **Stereotyping** is generalizing about a group of people and assuming that because a few persons in that group have a characteristic, all of them do. If someone were sitting near campus and saw two students drive by in pickup trucks and said, “All students at that college drive pickup trucks,” that would be both stereotyping and the logical fallacy of hasty generalization (see Chapter 14). At the same time, one should not totalize about a person or group of persons. **Totalizing** is taking one characteristic of a group or person and making that the “totality” or sum total of what that person or group is. Totalizing often happens to persons with disabilities, for example; the disability is seen as the totality of that person, or all that person is about. This can be both harmful to the relationship and ineffective as a means of communicating. If a speaker before a group of professional women totalizes and concludes that “women’s issues” are all they care about, or the speaker stereotypes and thinks that women in business are all like the ones he or she has known, the speaker will be less effective and possibly unethical.

Avoiding stereotyping and totalizing are important because you cannot assume everything about an audience based on just one demographic characteristic. Two or three might be important. The age of a group will be important in how they think about investing their money, but so will the socio-economic level, career or profession, and even where they live. Even their religious beliefs may come into it. A good speaker will be aware of more than one or two characteristics of the audience.

Second, in terms of thinking about demographic characteristics, not all of them are created equal, and not all of them are important in every situation. When parents come to a PTA meeting, they are concerned about their children and playing the important role of “parent,” rather than being concerned about their profession. When senior citizens are thinking about how they will pay for their homes in retirement years, their ethnicity probably has less to do with it as much as their age and socio-economic level.

Third, there are two ways to think about demographic characteristics: positively and negatively. In a positive sense, the demographic characteristics tell you what might motivate or interest the audience or even bind it together. In a negative sense, the demographic characteristic might tell you what subjects or approaches to avoid. Understanding your audience is not a game of defensive tic-tac-toe, but a mean of relating to them.

For example, a common example is given about audiences of the Roman Catholic faith. Speakers are warned not to “offend” them by talking about abortion, since official Roman Catholic teaching is against abortion. However, this analysis misses three points. First, even if most Roman Catholics take a pro-life position, they are aware of the issues and are adults who can listen and think about topics. Additionally, not all Roman Catholics agree with the official church stance, and it is a complex issue. Second, Roman Catholics are not the only people who hold views against abortion. Third, and most important, if all the speaker thinks about Roman Catholics is that they are *against* something, he or she might miss all the things the audience is *for* and what motivates them. In short, think about how the demographic characteristics inform what to talk about and how, not just what to avoid talking about.

There is one more point to be made about demographic characteristics before they are listed and explained. In a country of increasing diversity, demographic characteristics are dynamic. People change as the country changes. What was true about demographic characteristics—and even what was considered a demographic characteristic—has changed in the last fifty years. For example, the number of Internet users in 1980 was miniscule (mostly military personnel). Another change is that the percentage of the population living in the Great Lakes areas has dropped as the population has either aged or moved southward.

What follows is a listing of ten of the more common demographic characteristics that you might use in understanding your audience and shaping your speech to adapt to your audience.

Age

The first demographic characteristic is age. In American culture, we have traditionally ascribed certain roles, behaviors, motivations, interests, and concerns to people of certain ages. Young people are concerned about career choices; people over 60 are concerned about retirement. People go to college from the age of 18 to about 24. Persons of 50 years old have raised their children and are “empty nesters. These neat categories still exist for many, but in some respects they seem outdated. According to the National Center for Education Statistics (2015), 38% of college students are over 25 years old. Some women and men wait until their late thirties to have children, and thus at 50 have preteens in the house. More and more grandparents—middle and lower incomes—are raising grandchildren. Combining the longer lives Americans are living with the economic recession of 2008 and following, 62 is not a reasonable age for retirement for many.

Therefore, knowing that your audience is 18, 30, 55, or 70 is important, but it is just one of many factors. In your classroom audience, for example, you may find 30-year-old returning, nontraditional college students, young entrepreneurs, 17-year-old dual enrollment students, and veterans who have done three or four tours in the Middle East as well as 18-year-old traditional college students.

Gender

The second demographic characteristic commonly listed is gender. This area is open to misunderstanding as much as any other. Despite stereotypes, not all women have fifty pairs of shoes with stiletto heels in their closets, and not all men love football. In almost all cases you will be speaking to a “mixed” audience of men and women, so you will have to keep both groups in mind. If you are speaking to a group of all men or all women and you are of the same gender as the audience, you might be able to use some appropriate common experiences to connect with the audience. However, if you are a woman speaking to an all-male audience or a man speaking to an all-female audience, those are situations in which to be aware of overall gender differences in communication.

According to Deborah Tannen (2007), a scholar of linguistics and a well-known author, men and women in the United States have divergent communication styles. She is quick to point out neither is all good or all bad, nor do they apply to every single person. The two communication styles are just different, and not recognizing the differences can cause problems, or “noise,” in communication. Although she normally applies these principles to family, marital, and work relationships, they can be applied to public speaking.

According to Tannen, women tend to communicate more inductively; they prefer to give lots of details and then move toward a conclusion. Women tend to be less direct, to ask more questions, to use “hedgies” and qualifiers (“it seems to me,” “I may be wrong, but . . .”) and to apologize more, often unnecessarily. This lack of direct communication does not sound the same to men as it does to women. To men it may seem that a female speaker is unsure or lacks confidence, whereas the female speaker is either doing it out of habit or because she thinks she sounds open-minded and diplomatic. Tannen calls women’s style of communication “rapport” style.

Male speakers, on the other hand, are more deductive and direct; they state their point, give limited details to back it up, and



then move on. Men may be less inclined to ask questions and qualify what they say; they might not see any reason to add unnecessary fillers. Men also may tend toward basic facts, giving some the impression they are less emotional in their communication, which is a stereotype. Finally, men are socialized to “fix” things and may give advice to women when it is not really needed or wanted.

In some ways, these differences are traditional and some writers, especially women, are trying to help others avoid these patterns without losing the positive side of female or male communication differences. For example, books such as *Lean In* (Sandberg, 2013) are meant to teach women to negotiate for better salaries and conditions and avoid common communication behaviors that hurt their ability to negotiate. However, it is unlikely these general tendencies are going to disappear any time soon.

Therefore, if you are a woman speaking to an all-male audience, be direct without mimicking “male talk.” Avoid excessive detail and description; it will be seen as getting off topic. Do not follow the habit of starting sentences with “I don’t know if this is 100% correct, but...” or even worse, the habitual “I’m sorry, but. . .” If on the other hand you are a male speaking to a primarily female audience, realize that women want knowledge but not to have their problems fixed. Men also seem abrupt when talking to women, and much research supports the conclusion that men talk more than women in groups and interrupt more. So, male speakers should allow time for questions and work hard at listening.

Age and gender are the two main ways we categorize people: a teenaged boy, an elderly lady, a middle-aged man; a young mother. There are several other demographic characteris-

tics, however.

Race, Ethnicity, and Culture

Race, ethnicity, and culture are often lumped together, but how these categories are talked about is controversial. We will consider them as one category here because of their interrelationship.

We might think in terms of a few racial groups in the world: Caucasian, African, Asian, Pacific Islander, and Native American. Each one of these has many ethnicities. Caucasian has ethnicities of Northern European, Arab, Indian (from India), Mediterranean, etc. Then each ethnicity has cultures. Mediterranean ethnicities include Greek, Italian, Spanish, etc., and then each of these has subcultures, and so on. It should be noted that many social scientists today reject the idea of race as a biological reality altogether and see it as a social construct. This means it is a view of humanity that has arisen over time and affects our thinking about others.

Unfortunately, dividing these categories and groups is not that easy, and these categories are almost always clouded by complicated political and personal concerns, which we do not have time or space to address here. Most audience will be **heterogeneous**, or a mixture of different types of people and demographic characteristics, as opposed to **homogeneous**, very similar in many characteristics (a group of single, 20-year-old female nursing students at your college). Therefore, be sensitive to your audience members' identification with a culture. Anglos are often guilty of confusing Hispanic (a language category) with cultures (a more regional or historical category), and overlooking that Mexican is not Puerto Rican is not Cuban is not Colombian. In the same way for Caucasians, a Canadian is not an Australian is not an American is not a Scot, just because their last names, basic looks, and language seem almost the same (well, sort of!). "American" itself is a problematic term since "American" can refer to every country in the Western Hemisphere.

Religion

Next is religion, an even more complicated demographic characteristic. Religion can be thought of as an affiliation and a commitment. According to polls, due to either family or choice, a majority of Americans (although the percentage is shrinking) have some kind of religious affiliation, identity, or connection. It may simply be where they were christened as an infant, but it is a connection—"I'm in that group." About 23% of Americans are being called "nones" because they do not claim a formal religious

Heterogeneous

a mixture of different types of people and demographic characteristics within a group of people

Homogeneous

a group of people that are very similar in many characteristics

affiliation (Pew Research, 2015).

On the other hand, commitment to a faith may exist outside of an affiliation to an established group, and someone who has an affiliation may develop his or her own variations of beliefs that do not match the established organization's doctrines. Unless the audience is brought together because of common faith concerns or the group shares the same affiliation or commitment, religious faith may not be relevant to your topic and not a central factor in the audience analysis.

Religion, like ethnicity and culture, is an area where you should be conscious of the diversity of your audience. Not everyone worships in a "church," and not everyone attends a house of worship on Sunday. Not everyone celebrates Christmas the way your family does, and some do not celebrate it at all. Inclusive language, which will be discussed in Chapter 10, will be helpful in these situations.

Region

Region, another demographic characteristic, relates to where the audience members live. We can think of this in two ways. We live in regions of the country: Northeast, Southeast, Midwest, Rocky Mountain region, and West Coast. These regions can be broken down even more, such as coastal Southeastern states. Americans, especially in the East, are very conscious of their state or region and identify with it a great deal.

The second way to think about region is as "residence" or whether the audience lives in an urban area, the suburbs, or a rural area. If you live in the city, you probably do not think about being without cell phone or Internet service, but many people in rural areas do not take those for granted. The clubs that students in rural high schools belong to might be very different from what a student in a city would join.

Occupation

Occupation may be a demographic characteristic that is central to your presentation. For the most part in the U.S., we choose our occupations because they reflect our values, interests, and abilities, and as we associate with colleagues in that occupation, those values, interests, and abilities are strengthened. You are probably in college to enter a specific career that you believe will be economically beneficial and personally fulfilling. We sometimes spend more time at work than any other activity, except sleeping. Messages that acknowledge the importance, diversity, and reasons for occupations will be more effective. At the same time, if you are speaking to an audience with different

occupations, do not use jargon from one specific occupation.

Education

The next demographic characteristic is education, which is closely tied to occupation. In the United States, education usually reflects what kind of information and training a person has been exposed to, but it does not necessarily reflect intelligence. An individual with a bachelor's degree in physics or computer science may know a great deal more about that field than someone with a Ph.D. in English. Having a certain credential is supposed to be a guarantee of having learned a set of knowledge or attained certain skills. Some persons, especially employers, tend to see achieving a credential such as a college degree as the person's having the "grit" to finish an academic program. We are also generally proud of our educational achievements, so they should not be disregarded.

Socio-economic Level

Socio-economic level, another demographic characteristic, is also tied to occupation and education in many cases. We expect certain levels of education or certain occupations to make more money. While you cannot know the exact pay of your audience members, you should be careful about references that would portray your own socio-economic level as superior to their own. Saying, "When I bought my BMW 7 Series" (a car that retails at over \$80,000) would not make a good impression on someone in the audience who is struggling to make a car payment on her used KIA. One time a lawyer for a state agency was talking to a group of college professors about how she negotiated her salary. She mentioned that she was able to get her salary raised by an amount that was more than the annual salary of the audience members. Her message, which was a good one, was lost in this case because of insensitivity to the audience.

Sexual Orientation

The next few demographic characteristics are more personal and may not seem important to your speech topic, but then again, they may be the most important for your audience. Sexual orientation, usually referred to by the letters LGBT (Lesbian, Gay, Bisexual, Trans-gendered), is a characteristic not listed in speech textbooks forty years ago. As acceptance of people of various sexual orientations and lifestyles becomes more common, we can expect that these differences will lead to people feeling free to express who they are and not be confined to traditional gender roles or stereotypes. For this reason, it is valuable to use inclusive language, such as "partner" or "spouse."

Family Status

Family status, such as whether the audience members are married, single, divorced, or have children or grandchildren may be very important to the concerns and values of your audience and even the reason the audience is brought together. For example, young parents could be gathered to listen to a speaker because they are concerned about health and safety of children in the community. Getting married and/or having a child often creates a seismic shift in how a person views the world, his responsibilities, and his priorities. A speaker should be aware if she is talking to single, married, divorced, or widowed persons and if the audience members are parents, especially with children at home.

Does this section on demographic characteristics leave you wondering, “with all this diversity, how can we even think about an audience?” If so, do not feel alone in that thought. As diversity increases, audience understanding and adaptation becomes more difficult. To address this concern, you should keep in mind the primary reason the audience is together and the demographic characteristics they have in common—*their common bonds*. Your classmates may be diverse in terms of age, ethnicity, or religion, but they have in common profession (all students) and region (living near or on the campus), as well as, possibly, other characteristics.

Perhaps your instructor will do an exercise in class that helps you explore the demographic characteristics displayed in your class audience. You might find that most live with their parents, or that 60% of them are planning to enter a health profession, or that one-third of them have children at home. Knowing these facts will help you find ways to choose topics, select approaches and sources for those topics, know when you should explain an idea in more detail, avoid strategies that would become barriers to communicating with the audience, and/or include personal examples to which the audience members can relate.

2.3 – Psychographic Characteristics

Whereas demographic characteristics describe the “facts” about the people in your audience and are focused on the external, **psychographic characteristics** explain the inner qualities. Although there are many ways to think about this topic, here the ones relevant to a speech will be explored: beliefs, attitudes,

Psychographic Characteristics

the inner characteristics of the audience; beliefs, attitudes, needs, and values.



needs, and values.

Beliefs

Daryl Bem (1970) defined **beliefs** as “statements we hold to be true.” Notice this definition does *not* say the beliefs are true, only that we hold them to be true and as such they determine how we respond to the world around us. Stereotypes are a kind of belief: we believe all the people in a certain group are “like that” or share a trait. Beliefs are not confined to the religious realm, either. We have beliefs about many aspects of the world.

Beliefs, according to Bem, come essentially from our experience and from sources we trust. Therefore, beliefs are hard to change—not impossible, just difficult. Beliefs are hard to change because of:

- stability—the longer we hold them, the more stable or entrenched they are;
- centrality—they are in the middle of our identity, self-concept, or “who we are”;
- saliency—we think about them a great deal; and
- strength—we have a great deal of intellectual or experiential support for the belief or we engage in activities that strengthen the beliefs.

Beliefs can have varying levels of stability, centrality, salience, and strength. An educator’s beliefs about the educational process and importance of education would be strong (support from everyday experience and reading sources of information), central (how he makes his living and defines his work), salient (he spends every day thinking about it), and stable (especially if he has been an educator a long time). Beliefs can be changed, and we will

Beliefs

statements we hold to be true

examine how in Chapter 13 under persuasion, but it is not a quick process.

Attitudes

The next psychographic characteristic, attitude, is sometimes a direct effect of belief. **Attitude** is defined as a stable positive or negative response to a person, idea, object, or policy. How do you respond when you hear the name of a certain singer, movie star, political leader, sports team, or law in your state? Your response will be either positive or negative, or maybe neutral if you are not familiar with the object of the attitude. Where did that attitude come from? Psychologists and communication scholars study attitude formation and change probably as much as any other subject, and have found that attitude comes from experiences, peer groups, beliefs, rewards, and punishments.

Do not confuse attitude with “mood.” Attitudes are stable; if you respond negatively to Brussels sprouts today, you probably will a week from now. That does not mean they are unchangeable, only that, like beliefs, they change slowly and in response to certain experiences, information, or strategies. As with beliefs, we will examine how to change attitudes in the chapter on persuasion. Changing attitudes is a primary task of public speakers because attitudes are the most determining factor in what people actually do. In other words, attitudes lead to actions, and interestingly, actions leads to and strengthen attitudes.

We may hold a belief that regular daily exercise is a healthy activity, but that does not mean we will have a positive attitude toward it. There may be other attitudes that compete with the belief, such as “I do not like to sweat,” or “I don’t like exercising alone.” Also, we may not act upon a belief because we do not feel there is a direct, immediate benefit from it or we may not believe we have time right now in college. If we have a positive attitude toward exercise, we will more likely engage in it than if we only believe it is generally healthy.

Values

As you can see, attitude and belief are somewhat complex “constructs,” but fortunately the next two are more straightforward. **Values** are goals we strive for and what we consider important and desirable. However, values are not just basic wants. A person may *want* a vintage sports car from the 1960s, and may value it because of the amount of money it costs, but the vintage sports car is not a value; it represents a value of either

- nostalgia (the person’s parents owned one in the 1960s and it reminds him of good times),

Attitude

a stable positive or negative response to a person, idea, object, or policy

Values

goals we strive for and what we consider important and desirable

- display (the person wants to show it off and get “oohs” and “ahs”),
- materialism (the person believes the adage that the one who dies with the most toys wins),
- aesthetics and beauty (the person admires the look of the car and enjoys maintaining the sleek appearance),
- prestige (the person has earned enough money to enjoy and show off this kind of vehicle), or
- physical pleasure (the driver likes the feel of a convertible on the open road).

Therefore we can engage in the same behavior but for different values; one person may participate in a river cleanup because she values the future of the planet; another may value the appearance of the community in which she lives; another just because friends are involved and she values relationships. A few years ago political pundits coined the term “values voters,” usually referring to social conservatives, but this is a misnomer because almost everyone votes and otherwise acts upon his or her values—what is important to the individual.

Needs

Needs
important
deficiencies that we
are motivated to
fulfill

The fourth psychographic characteristic is **needs**, which are important deficiencies that we are motivated to fulfill. You may already be familiar with the well-known diagram known as Maslow’s Hierarchy of needs. It is commonly discussed in the fields of management, psychology, and health professions. A version of it is shown in Figure 2.1. ([More recent versions show it with 8 levels.](#)) It is one way to think about needs. In trying to understand human motivation, Maslow theorized that as our needs represented at the base of the pyramid are fulfilled, we move up the hierarchy to fulfill other types of need (McLeod, 2014).

Our most basic physiological or survival needs must be met before we move to the second level, which is safety and security. When our needs for safety and security are met, we move up to relationship or connection needs, often called “love and belongingness.” The fourth level up is esteem needs, which could be thought of as achievement, accomplishment, or self-confidence. The highest level, self-actualization, is achieved by those who are satisfied and secure enough in the lower four that they can make sacrifices for others. Self-actualized persons are usually thought of as altruistic or charitable. Maslow also believed that studying motivation was best done by understanding psychologically healthy individuals.

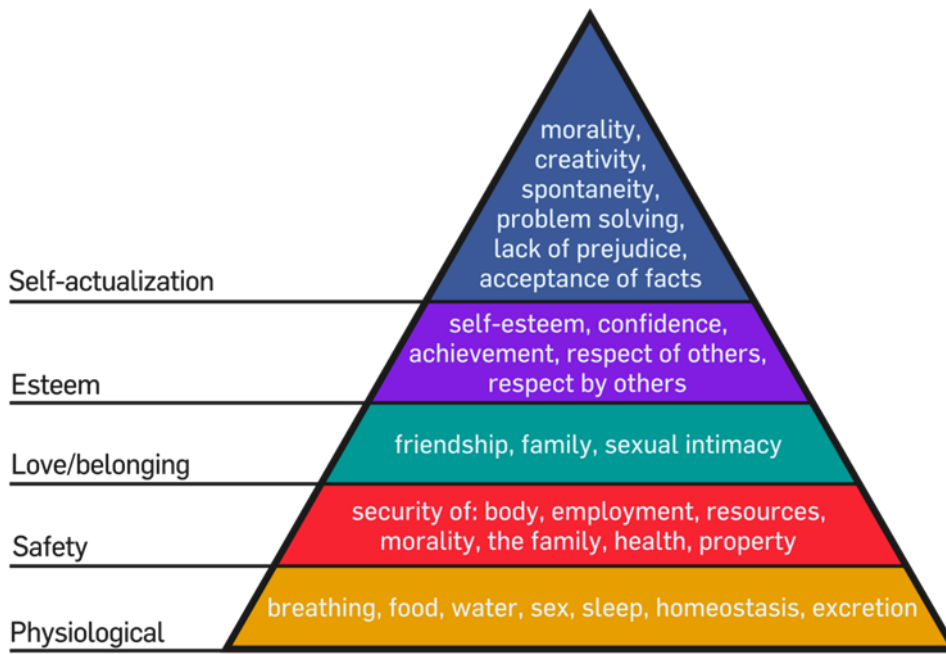


Figure 2.1 – Maslow’s Hierarchy of Needs

Source: commons.wikimedia.org

In another course you might go into more depth about Maslow’s philosophy and theory, but the key point to remember here is that your audience members are experiencing both “felt” and “real” needs. They may not even be aware of their needs; in a persuasive speech one of your tasks is to show the audience that needs exist that they might not know about. For example, gasoline sold in most of the U.S. has ethanol, a plant-based product, added to it, usually about 10%. Is this beneficial or detrimental for the planet, the engine of the car, or consumers’ wallets? Your audience may not even be aware of the ethanol, its benefits, and the problems it can cause.

A “felt” need is another way to think about strong “wants” that the person believes will fulfill or satisfy them even if the item is not necessary for survival. For example, one humorous depiction of the Maslow’s hierarchy of needs (seen on Facebook) has the words [“wifi” scribbled at the bottom of the pyramid](#). (Someone else might add the word “coffee”!). As great as wifi and coffee are, they are not crucial to human survival, either individually or collectively, but we do want them so strongly that they operate like needs.

So, how do these psychographic characteristics operate in preparing a speech? They are most applicable to a persuasive

speech, but they do apply to other types of speeches as well. What are your audience's informational needs? What beliefs or attitudes do they have that could influence your choice of topic, sources, or examples? How can you make them interested in the speech by appealing to their values? The classroom speeches you give will allow you a place to practice audience analysis based on demographic and psychographic characteristics, and that practice will aid you in future presentations in the work place and community.

2.4 – Contextual Factors of Audience Analysis

The “facts about” and “inner qualities” (demographic and psychographic characteristics) of the audience influence your approach to any presentation. The context (place and time) of the speech does also. What follows are some questions to consider when planning your presentation.

1. How much time do I have for the presentation? As mentioned in Chapter 1, we must respect the time limits of a speech. In most cases you will have little control over the time limits. In class the instructor assigns a five- to six-minute speech; at work, there may be an understood twenty-minute presentation rule in the organization, since attention can diminish after a certain length. You might be asked to speak to a community group for your company and be told that you have thirty minutes—that seems like a long time, but if you are really passionate about the subject, it can go quickly.

Knowing the time limit for a speech does three things for the speaker. First, it lets her know how much of a given topic can realistically be covered. Secondly, the speaker must practice to be sure that his/her content actually fits in the time given, so the practice leads to a better speech. Third, time limits impose a discipline and focus on the speaker.

In reference to practice, this might be a good place to dispel the “practice makes perfect” myth. It is possible to practice incorrectly, so in that case, *practice will make permanent, not perfect*. There is a right way and a wrong way to practice a speech, musical instrument, or sport.

2. What time of the day is the presentation? An audience at 8:00 in the morning is not the same as at 2:00 p.m. An audience at Monday at 10:00 a.m. is not the same as at 3:00 Friday afternoon. The time of your presentation may tell you a great deal about how to prepare. For example, if the audience is likely to be tired, you might want to get them physically active or talking to each other in a part of the speech, especially if it is a

long presentation.

3. Why is the audience gathered? In the case of your speech class, everyone is there, of course, because they want a grade and because they are students at the college. However, they also have career and educational goals and probably are at a certain stage in their education. (Some people wait until the last semester of senior year to take this course, but most are going to be first-year students.) In other contexts, the audience is there because of a common interest, commitment, or responsibility. What is it? Everything you do in the speech should be relevant to that reason for their being there.
4. What is the physical space like? Straightforward, with the audience in rows and hard seats, as in a classroom? A typical boardroom with a long table and a dozen or more chairs around it? Big sofas and armchairs, where the audience might get too comfortable? Can the speaker walk around and get closer to the audience? Does the speaker have to stay behind a lectern or on a platform? Is there audiovisual equipment? Is the room well-lit? Sometimes you will have no control over the physical space, especially in the speech classroom, but you should try to exert all the control you possibly can in other situations. Even the temperature of the room or outside noise can affect your speech's effectiveness. Just closing the door can make a world of difference in the physical space and its effect on the audience.
5. Related to number 4 is "How large will the audience be?" Ten people or one hundred? This factor will probably affect your delivery the most, specifically how you deliver the speech. You may need to increase your volume in a venue with a large audience, or you might have to use a microphone, which could limit your walking around and getting close to the group. On the other hand, you might want to directly interact with the audience if it is a small, intimate number of people. The size of the audience will also affect your choice of visual aids.
6. What does the audience expect? Why were you asked to speak to them? Again, in the class you will have certain specifications for the presentations, such as type of speech, length, kinds of sources used, visual aids or lack of them. In other contexts, you will need to ask many questions to know the context fully.

Knowing these details about the audience can greatly impact how successful you are as a speaker, and not knowing them can potentially have adverse effects. One of the textbook authors

was asked to speak to the faculty of another college about 120 miles away on the subject of research about teaching college students. Because the campus she was visiting was a branch campus, she assumed (always dangerous) that only the faculty on that small branch campus would be present. Actually, the faculty of the whole college—over 400 instructors in a school of over 21,000 students—showed up. Although the speaker was very conscious of time limits (30 minutes), subject matter, needs of the audience, and expectations, the change in the size of the expected audience was a shock.

It all went well because she was an experienced speaker, but she was a little embarrassed to realize she had not asked the actual size of the audience. Of course, the auditorium was much larger than she expected, the slides she planned to use were inappropriate, and she could not walk around. Instead, she was “stuck” behind a lectern. This is all to say that the importance of knowing your audience and taking the time to prepare based on that knowledge can make your speech go much more smoothly, and not doing so can lead to unexpected complications.

2.5 – Listening

To this point in the text, and for most of the rest of it, we focus on the “sending” part of the communication process. However, public speaking only works if there are listeners. Studying public speaking should make you a better listener because you see the value of the listener to the communication



process and because you are more aware of what you do in a speech.

Listening is not the same thing as hearing. **Hearing** is a physical process in which sound waves hit your ear drums and send a message to your brain. You may hear cars honking or dogs barking when you are walking down the street because your brain is process the sounds, but that doesn't mean that you are listening to them. **Listening** implies an active process where you are specifically making an effort to understand, process, and retain information.

Also, although both reading and listening are methods of taking in information, they are very different processes. You may have taken a learning styles inventory at some point and learned that you were either a visual, auditory, or kinesthetic learner, or maybe a combination. Many of us have a strength in one of these areas, or at least a preference. Having a particular learning preference should never be used as an excuse; we learn in all three modes, depending on the context and subject matter, even if one is stronger. As one of the appendices will note, real research of these three learning styles is actually limited.

Also, when you read, you can go back and read a passage over and over until you understand it. This is more difficult in listening. If the message is recorded, you can play it over, but if the situation is a speech, once may be all you get. Many studies have been conducted to find out how long we remember oral messages, and often the level of memory from oral communication is not very high (Bostrom & Bryant, 1980).

In this section, we will focus on comprehensive listening, which is listening focused on understanding and remembering important information from a public speaking message. There are other "types" of listening, based on the context and purpose. The first is empathetic listening, for understanding the feelings and motivations of another person, usually with a goal to helping the person deal with a personal problem. For example, if a friend says she is thinking about dropping out of college at the end of the semester, you would want to listen for the reasons and feelings behind her choice, recognizing that you might need to ask sensitive questions and not just start telling her what to do or talk about your own feelings.

The second type of listening is appreciative, which takes place while listening to music, poetry, or literature or

Hearing

the physical process in which sound waves hit the ear drums and send a message to the brain

Listening

an active process where you are specifically making an effort to understand, process, and retain information

watching a play or movie. For example, knowing that the melodies of classical musical have a certain A-B pattern informs us how to listen to Mozart. To be good at this kind of listening, it helps to study the art form to learn the patterns and devices.

The third type is critical listening, which we will address in Chapter 14 in discussing critical thinking and logic. In critical listening the audience member is evaluating the validity of the arguments and information and deciding whether the speaker is persuasive and whether the message should be accepted.

Your Audience and Listening

With this understanding of how listening differs from other forms of message reception, we can think of public speaking as “linear in time.” It does not allow you to loop back, as in reading. For that reason, a speaker must make listening easier for the audience. The main way speakers achieve this is through **planned redundancy**. Planned redundancy refers to purposeful ways of repeating and restating parts of the speech to help the audience listen and retain.

The speaker uses a relevant introduction to emphasize the interest and importance of the subject, uses a preview of the main points to forecast the plan of the speech, uses connective statements between points to remind the audience of the plan and re-emphasize the content, and then uses an overall summary in the conclusion and some other method to cause the audience to want to remember or do something with the information. As mentioned before, you might not be able to “cover” or dump a great deal of information in a speech, but you can make the information meaningful through the planned redundancy as well as through examples, stories, support, and appeals.

A speaker can also help the audience’s listening abilities by using visual aids (discussed in Chapter 9), stories and examples (discussed in Chapter 7), audience interaction or movement at key points in the speech (if appropriate and if your instructor approves it), and specific attention-getting techniques (also discussed in Chapter 7).

In short, listening is hard work, but you can meet your audience half way by using certain strategies and material to make listening easier for them. At the same time, an audience member has a responsibility to pay attention and listen well. In the next section, we will look at how you can improve your listening ability in public speaking situations. We will not look at listening in private, group, or interpersonal communication settings. Those often require skills such as empathy and paraphrasing in order to understand your communication partner

Planned

Redundancy

the use of a clear central idea statement, preview of the main points, connective statements, and overall summary in the conclusion to reinforce the main ideas or points of a speech; the deliberate repeating of structural aspects of speech

fully and to meet his or her emotional needs. If a friend comes to you with a problem, he or she may be more interested in your concern than that you can recall back the content of what was shared or that you can give him or her advice.

Barriers to Listening

Since hearing is a physiological response to auditory stimuli, you hear things whether you want to or not. Just ask anyone who has tried to go to sleep with the neighbor's dog barking all night. However, listening, *really* listening, is intentional and hard work. Several hundred years ago we lived in an aural world—by that is meant most people took in information through hearing. That is why you will often hear stories of great speakers who orated for two or three hours, and that was considered acceptable. It does not mean everyone stayed awake all the time, but it does mean that the majority did not find it unusual or impossible to listen for that long.

A famous historical example is that of the Gettysburg Address, that wonderful, concise speech by Abraham Lincoln given in November of 1863 to commemorate the battlefield of Gettysburg. It is a speech we still read and sometimes memorize as an example of powerful rhetoric. The speaker before Lincoln was Edward Everett, a renowned statesman of the time from Massachusetts, who spoke for over two hours. Today we prefer the Lincoln's example of conciseness to Everett's version. In other words, we just do not have the listening power we used to. Perhaps we do not need it, or due to neuroplasticity ("Definition of neuroplasticity," 2015) our brains have adapted to other means of efficiently taking in information.

In addition, as mentioned earlier, some people are not strong aural learners. In that case, listening may not be a personal strength in addition to being a skill that has deteriorated in society over time. But that does not make it unimportant or something we should not try to improve upon. Therefore, the first barrier to listening is our lack of capacity for it, whether from societal expectation or personal psycho-logical preferences.

Another barrier to listening is the noisiness and constant distractions of our lives, something that you might not even be aware of if you have always lived in the world of Internet, cell phones, iPods, tablets, and 24/7 news channels. We are dependent on and constantly wired to the Internet. Focus is difficult. Not only do electronic distractions hurt our listening, but life concerns can distract us as well. An ill family member, a huge exam next period, your car in the shop, deciding on next semester's classes—the list is endless. Hunger and fatigue hurt listening ability as

well.

A third barrier to listening not often considered is that our minds can usually process much faster than a speaker can speak clearly. We may be able to listen, when really trying, at 200 words per minute, but few speakers can articulate that many words clearly; an average rate for normal speech is around 100-120 (Foulke, 1968). That leaves a great deal of time when the mind needs to pull itself back into focus. During those gaps, we might find it more enjoyable to think of lunch, the new person we are dating, or our vacation at the beach.

Another barrier is distraction from the people around you. Perhaps the scent of their soap or shampoo is unpleasant to you. Perhaps they cannot put their cell phones down or perhaps they are whispering to each other and impeding your ability to hear the speaker clearly. Finally, the physical environment may make listening to a public speaker difficult. This is not to even mention that the skill of the speaker influences your listening ability. We end up seeing Mr. Goethe's point from Chapter 1. Communicating can be so difficult that we wonder how we can overcome all these obstacles.

These are all the possible obstacles to listening, but there might also be reasons that are particular to you, the listener. Often we go into listening situations with no purpose; we are just there physically but have no plans for listening. We go in unprepared. We are tired and mentally and physically unready to listen well. We do not sit in a comfortable position to listen. We do not bring proper tools to listen, specifically to take notes. There is actually research to indicate that we listen better and learn/retain more when we take notes with a pen and paper than when we type them on a computer or tablet (Mueller & Oppenheimer, 2014). Add to this the research that shows how distracting open laptops are to other students. This research has led some professors to bar laptops from their classrooms.

Another important barrier to listening is one not so easily dealt with as bringing paper and pen. We can listen poorly or not at all when we hold prejudices against a speaker or a topic. When it comes to media, we can just click away or change the channel, but in face-to-face public speaking situations we do not have that option. We may hear the speaker's topic or thesis ("I support . . .") and click an "off" button in our brains, impeding our listening and missing something from which we can benefit. This is not always reasonable, but it is human and fairly common.

What Can Be Done to Improve Listening?

The previous section explains barriers to good listening behavior and in a sense gives us the solution. The key is to personalize this information and decide which of it relates to you. Your own barrier might be not coming prepared, being quick to prejudge, or allowing gadgets to distract you. Obviously, recognizing the cause of your poor listening is the first step to becoming a better listener. Here are some steps, in summary:

- Believe that good listening in specific situations and improving your own listening behavior are important. You would not want to be called upon in a meeting at work when you were daydreaming or being distracted by a cell phone. Consider listening in class and to your classmates' speeches in the same way.
- Be prepared to listen. This means putting away mobile devices, having a pen and paper, and situating yourself physically to listen (not slouching or slumping). Have a purpose in listening. In your speech class, one of your purposes should be mutual support of your classmates; you are all in this together. Your instructor might also require you to write responses to your classmates' speeches.
- When taking notes, keep yourself mentally engaged by writing questions that arise, especially if your instructor does not take questions until a break, and you might forget. This behavior will fill in the gaps when your mind could wander and create more of an interaction with the speaker.
- For your own sake and that of your co-listeners, avoid temptations to talk to those sitting next to you. It is far more distracting to both the speaker and your co-listeners than you might think. Write down the questions for asking later. Our use of cellular devices in an audience can also be more of a distraction to others than we realize. There is a good reason the movie theatres play those announcements about turning your phone off before the feature!

Conclusion

This chapter has looked at the psychological and physical processes going on inside the audience during a speech. Being audience-centered and adapting to your audience involves knowing as much as is reasonably possible about them. Addressing a diverse audience is a challenge, and audiences are, in general, becoming more diverse and more aware of their diversity



Something to Think About

Can you think of some ways that knowing the psychographic characteristics of your audience can influence your speech preparation? What values, needs, beliefs, and attitudes?

Example topics:: You want to give a persuasive speech to your classroom audience to encourage them to take a study abroad trip.

You want you audience to consider buying a Mac Book Pro rather than a PC as their next laptop.

You want to persuade them that sponsoring a child in a poor country is a way to bring the child out of poverty.

You want them to volunteer in the next Special Olympics in your community.

Chapter 3

Ethics in Public Speaking



Learning objectives

After reading this chapter, the student will be able to:

- ◇ Understand the legal, cultural, philosophical, and social origins of ethics in public speaking;
- ◇ Explain the difference between plagiarism and correct appropriation of source materials;
- ◇ Understand the value of ethics in building a solid reputation as a speaker;
- ◇ Correctly use source material in a presentation.

Chapter Preview

- 3.1 – Sources of Ethical Stances on Communication and Public Speaking
- 3.2 – Credibility and Ethics
- 3.3 – Plagiarism

3.1 – Sources of Ethical Stances on Communication and Public Speaking

As discussed in Chapter 1, there are many reasons to take a public speaking course. Among its numerous benefits, a public speaking course will create more self-confidence; the creation of good arguments will build your critical thinking and research skills; and you will meet new people in your class in a different way and be exposed to their ideas. Also, the course will prepare you for presentations you will be expected to give in later classes (and believe us, there will be many) and for your eventual career.

Another very important reason to take a public speaking course such as this one goes beyond these immediate personal benefits. Public speaking, or “rhetoric” as it was originally called, has long been considered a method in Western culture of building community, allowing self-government, sharing important ideas, and creating policy. In fact, that is the reason the ancient Athenian Greeks emphasized that all citizens should be educated in rhetoric so that they can take part in civil society. Aristotle said that if a man was expected to defend himself physically, he should also be able to defend his ideas rhetorically (that is, through persuasive public speaking).

Therefore, public speaking has a social as well as a personal purpose and function. For that reason, the ethics of public speaking and communication in general should be addressed in any study of public speaking. A public speaker, whether delivering a speech in a classroom, board room, civic meeting, or in any other venue must uphold certain ethical standards to allow the audience to make informed choices, to uphold credibility as a source of information, and to avoid repercussions of bad ethical choices.

Ethics

the branch of philosophy that involves determinations of what is right and moral

To this end, we are dealing with the subject of ethics. **Ethics** refers to the branch of philosophy that involves determinations of what is right and moral. On a personal level, it is your own standard of what you should and should not do in the various situations or in all situations. Although ethics are personal decisions, they are influenced by factors outside of you. Over the next few pages, we will look at various ways ethics, particularly ethics related to speech, have been thought about. In reading, you should seek to determine how you would explain your own ethical standard for communication. Along with being able to articulate what you would not do, you should have an appreciation for why doing the right thing is important to you.

One of the most important ways that we speak ethically is to use material from others correctly. Occasionally we hear in the

news media about a political speaker who uses the words of other speakers without attribution or of scholars who use pages out of another scholar's work without consent or citation. Usually the discussion of plagiarism stays within the community where it occurred, but there is still damage done to the "borrower's" reputation as an ethical person and scholar.

Why does it matter if a speaker or writer commits plagiarism? Why and how do we judge a speaker as ethical? Why, for example, do we value originality and correct citation of sources in public life as well as the academic world, especially in the United States? These are not new questions, and some of the answers lie in age-old philosophies of communication.

Legal Origins of Ethics in Public Speaking

The First Amendment to the Constitution is one of the most cherished and debated in the Bill of Rights. "Congress shall make no law abridging freedom of speech . . . or of the press" has been discussed in many contexts for over two hundred and thirty years. Thomas Emerson, a Constitutional scholar and Yale Law Professor, asserted that freedom of expression is more than just a right. It is a necessity for having the kind of society we want as Americans.

One of the bases of the First Amendment is an essay written by John Milton in the 1600s, *Aereopagitica*. This essay on freedom of speech is where the phrases "free marketplace of ideas" and "truth will arise from debate of all ideas" originated. In the twentieth century, "freedom of speech" has been generalized into a freedom of expression. This was especially true in the important Supreme Court cases on the First Amendment in the 1960s; for example, burning a draft card, which was originally considered illegal (destroying government property), was interpreted as a form of expression (because it was a protest about the War in Vietnam), not just an action.

Although these foundations may not seem relevant to your public speaking class, they are relevant to a public speaking class because they explain why public speaking is important and the responsibility you have to your classmates and instructor to present serious, honest, factual, and well-supported speeches as a matter of respect to your listeners. Likewise, although the First Amendment to the Constitution is usually interpreted by the Supreme Court and lower courts to mean almost no restrictions are allowed on freedom of expression, there are a few instances in which the government is held to have a "compelling interest" in

controlling, stopping, or preventing certain types of free expression.

One of these instances has to do with threats on the life of the President of the United States, although threats of physical harm against anyone might result in penalties. Another instance of restrictions on freedom of expression is in those cases where the speaker has the opportunity and means and likelihood of inciting an audience to violence (this is the old “yelling ‘fire’ in a crowded theatre” example). The government has also allowed local governments to have reasonable requirements to avoid mobs or public danger, such as permits for parades or limiting how many people can meet in a certain size of building.

Defamatory Speech

a false statement of fact that damages a person’s character, fame, or reputation

Another type of restriction on freedom of speech is **defamatory speech**, which is defined in the United States as:

a false statement of fact that damages a person’s character, fame or reputation. It must be a false statement of fact; statements of opinion, however insulting they may be, cannot be defamation under U.S. law. Under U.S. defamation law, there are different standards for public officials [and public figures] and private individuals. (U.S. Department of State, 2013)

With the Internet and social media, these issues become more complicated, of course. In the past someone could express himself or herself only in limited ways: standing on a street corner, attending a public meeting, putting the words onto paper, or maybe getting on radio or television (if allowed or if wealthy). Today, almost anyone with a laptop, a webcam, an ISP, and technical know-how can be as powerful in getting a message to the masses as someone owning a newspaper one hundred years ago. While most people use technology and the Internet for fun, profit, or self-expression, some use it for hurt—bullying, defamation, even spreading terrorism. The legal system is trying to keep up with the challenges that the digital age brings to protecting free expression while sheltering us from the negative consequences of some forms of free expression.

Cultural and Religious Origins of Ethics in Communication

It is hard to separate life aspects such as legal, cultural, religious, and social. Many Americans would say they hold to the Golden Rule: “Do unto others as you would have them do to you.” The Golden Rule is seen as a positive expression of fairness, equity, and trust. Even if there is no legal ruling hanging over us, we expect honest communication and return it. We also value

straightforwardness; respect for the individual's freedom of choice; getting access to full information; consistency between action and words; taking responsibility for one's own mistakes (sometimes necessitating an apology and accepting consequences); and protection of privacy. We fear public humiliation and do not want to violate community norms.

What matters is how a person internalizes the norms and makes them work for him or her. Upbringing and family teachings, religious values, experiences, peers, and just plain old "gut reaction" contribute to and are sometimes far more important to the individual than the First Amendment or historical values.

Philosophers and Communication Ethics

Philosophers throughout history have also written on the subject of communication and public speaking ethics. In fact, one of the first philosophers, Plato, objected to the way rhetoric was practiced in his day, because "it made the worse case appear the better." In other words, the professional public speakers, who could be hired to defend someone in court or the assembly, knew techniques that could deceive audiences and turn them from truth. Aristotle responded to this concern from his teacher Plato in his work, *Rhetoric*. Later, Quintilian, a Roman teacher of rhetoric, wrote that rhetoric was "the good man speaking well," meaning the speaker must meet the Roman Republic's definition of a virtuous man.

In more modern times, English philosophers John Stuart Mill (1806-1873) and Jeremy Bentham (1748-1832) introduced utilitarianism, which presents the ethic of "The greatest good for the greatest number;" that is, whatever benefits the most people is right. A related philosophy, pragmatism, was first discussed by Charles Sanders Pierce (1839-1914). Pragmatists judge actions by their practical consequences. The philosopher Immanuel Kant (1724-1804) proposed what was been called the Categorical Imperative: "Act only according to that maxim by which you can at the same time will that it would become a universal law." To paraphrase, any behavior we engage in should be what we think everyone else on the planet should do ethically. In the twentieth century, Jean-Paul Sartre and others called "existentialists" emphasized that the ability and necessity to freely choose our actions is what makes us human, but we are accountable for all our choices.

This very brief overview of ethics in general and in communication specifically is designed to let you know that the best minds have grappled with what is right and wrong when it comes

to expression. But what is the practical application? We believe it is respect for your audience, who in the case of this course are your classmates, potential friends and peers and your instructor. Whether you take the Categorical Imperative approach, the pragmatic philosophy, the Judeo-Christian view of “thou shalt not lie” and “speaking the truth in love” (Ephesians 4:15), the Golden Rule, freedom with accountability, or some other view, respect for your audience means that you will do your best to present factual, well-documented information designed to improve their lives and help them make informed, intelligent decisions with it.

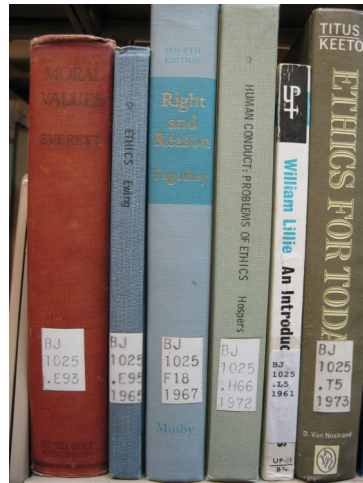
In addition to respect for the humanity, intelligence, and dignity of your audience, you should be conscious of two other aspects related to ethics of communication: credibility and plagiarism.

3.2 – Credibility and Ethics

When Aristotle used the term *ethos* in the 5th century B.C.E. to describe one of the means of persuasion, he defined it as the “wisdom, sagacity, and character of the rhetor” (see Chapter 13 for more coverage of *ethos* and Aristotle’s other artistic proofs). Modern scholars of communication and persuasion speak more about “credibility” as an attitude the audience has toward the speaker, based on both reality and perception. Audience members trust the speaker to varying degrees, based on the evidence and knowledge they have about the speaker and how that lines up with certain factors:

- **Similarity:** does the speaker have experiences, values, and beliefs in common with the audience? Can the audience relate to the speaker because of these commonalities?
- **Character:** does the speaker, in word and action, in the speech and in everyday life, show honesty and integrity?
- **Competence:** does the speaker show that he/she has expertise and sound knowledge about the topic, especially through firsthand experience? And does the speaker show competence in his/her ability to communicate that expertise?
- **Good will:** does the audience perceive the speaker to have ethical intentions toward the audience?

In addition to these key areas will be the audience’s perceptions, or even gut feelings, about more intangible characteristics of the speaker, such as appearance, friendliness, sense of humor, likability, poise, and communication ability. Many of these traits are conveyed through nonverbal aspects, such as



facial expression, eye contact, good posture, and appropriate gestures (see Chapter 11 on Delivery).

Understandably, the same speaker will have a different level of credibility with different audiences. For example, in regard to presidential campaigns, it is interesting to listen to how different people respond to and “trust” different candidates. Donald Trump entered the presidential race as a Republican nominee and quickly became a frontrunner in many of the early polls and primaries, eventually winning the Electoral College votes, to the surprise of many. Those who voted for him often stated that they value his candor and willingness to say what he thinks because they perceive that as honest and different from other politicians. Others thought he made unwise and thoughtless statements, and they saw that as a lack of competence and demeanor to be the national leader. Donald Trump was the same person, but different audiences responded to his behavior and statements in various ways.

The point is that character and competence are valued by those who like and those who dislike Donald Trump and contribute to his credibility (or lack of it), but in different ways. When trying to develop your own credibility as a speaker with an audience, you have to keep in mind all four of the factors listed above. To portray oneself as “similar” to the audience but to do so deceptively will not contribute to credibility in the long run. To only pretend to have good will and want the best for the audience will also have a short-term effect. Credibility must always be backed up with evidence and action.

Not only does a speaker’s level of credibility change or vary from audience to audience, it is also likely to change even during the presentation. These changes in credibility often coincide with

where the speaker is in the speech, and have been labeled as **initial, derived, and terminal credibility**.

Initial Credibility

a speaker's credibility at the beginning of or even before the speech

Derived Credibility

a speaker's credibility and trustworthiness (as judged by the audience members) throughout the process of the speech, which also can range from point to point in the speech

Terminal

Credibility

a speaker's credibility at the end of the speech

Initial credibility is, as you would imagine, the speaker's credibility at the beginning of or even before the speech. There are a number of factors that would contribute to the initial credibility, even such matters as the "recommendation" of the person who introduces the speaker to the audience. Any knowledge the audience has of the speaker prior to the speech adds to the initial credibility. The initial credibility is important, of course, because it will influence the receptivity of the audience or how well they will listen and be open to the speaker's ideas. Initial credibility can be influenced also by the perception that the speaker is not well dressed, prepared, or confident.

Derived credibility is how the audience members judge the speaker's credibility and trustworthiness throughout the process of the speech, which also can range from point to point in the speech. Perhaps you have seen those videos on a news program that show a political speaker on one pane of the video and a graph of the audience's response in real time to the speaker's message, usually noted as "approval rating" as the politician speaks. This could be based on the perception of the speaker's presentation style (delivery), language, specific opinions, open-mindedness, honesty, and other factors. The point of the derived credibility is that credibility is an active concept that is always changing.

Finally, **terminal credibility** is, as you would think, credibility at the end of the speech. The obvious importance of terminal credibility is that it would factor into the audience's final decision about what to do with the information, arguments, or appeals of the speaker; in other words, his or her persuasiveness. It would also determine whether the audience would listen to the speaker again in the future. The terminal credibility can be seen as a result of the initial and derived credibility.

Terminal credibility may end up being lower than the initial credibility, but the goal of any speaker should be to have higher credibility. From an ethics standpoint, of course, credibility should not be enhanced by being untruthful with an audience, by misrepresenting one's viewpoint to please an audience, or by "pandering" to an audience (flattering them). One of the primary attributes of credibility at any stage should be transparency and honesty with the audience.

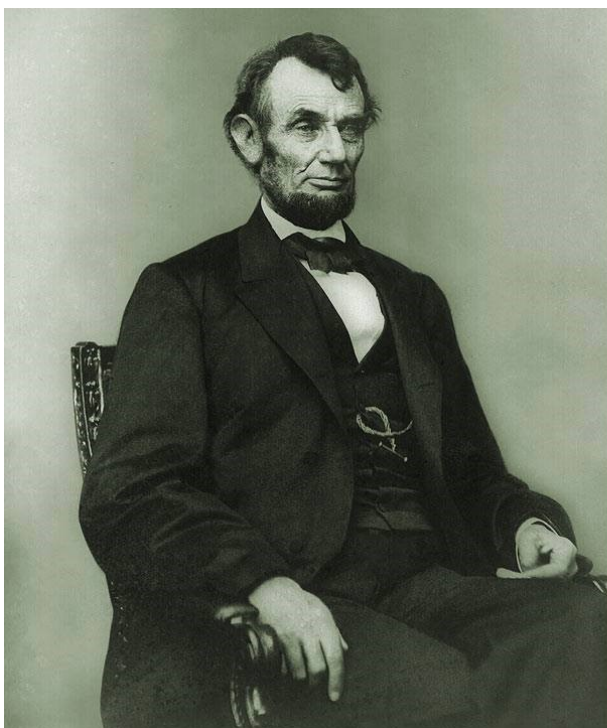
3.3 – Plagiarism

Although there are many ways that you could undermine your ethical stance before an audience, the one that stands out and is committed most commonly in academic contexts is **plagiarism**. A dictionary definition of plagiarism would be “the act of using another person’s words or ideas without giving credit to that person” (Merriam-Webster, 2015). According to the student help website Plagiarism.org, sponsored by WriteCheck, plagiarism is often thought of as “copying another’s work or borrowing someone else’s original ideas” (“What is Plagiarism?”, 2014). However, this source goes on to say that the common definition may mislead some people. It also includes:

- Turning in someone else’s work as your own
- Copying words or ideas from someone else without giving credit
- Failing to put a quotation in quotation marks
- Giving incorrect information about the source of a quotation
- Changing words but copying the sentence structure of a source without giving credit
- Copying so many words or ideas from a source that it makes up the majority of your work, whether you give credit or not.

Plagiarism

the act of using another person’s words or ideas without giving credit to that person



“The problem with quotes on the internet is that it is difficult to verify their authenticity.”

—Abraham Lincoln

Plagiarism exists outside of the classroom and is a temptation in business, creative endeavors, and politics. However, in the classroom, your instructor will probably take the most immediate action if he or she discovers your plagiarism either from personal experience or through using plagiarism detection (or what is also called “originality checking”) software. Many learning management systems, perhaps such as the one used at your institution, now have a plagiarism detection program embedded in the function where you submit assignments.

In the business or professional world, plagiarism is never tolerated because using original work without permission (which usually includes paying fees to the author or artist) can end in serious legal action. The Internet has made plagiarism easier and thus increased the student’s responsibility to know how to cite and use source material more.

Types of Plagiarism

In our long experience of teaching, we have encountered many instances of students presenting work they claim to be original and their own when it is not. We have also seen that students often do not intend to plagiarize but, due to poor training in high school, still are committing an act that could result in a failing grade or worse. Generally, there are three levels of plagiarism: *stealing*, *sneaking*, and *borrowing*. Sometimes these types of plagiarism are intentional, and sometimes they occur unintentionally (you may not *know* you are plagiarizing), but as everyone knows, “Ignorance of the law is not an excuse for breaking it.” So let’s familiarize you with how plagiarism occurs in order to prevent it from happening.

Stealing

There is a saying in academia: “If you steal from one source, that is plagiarism; if you steal from twelve, that is scholarship.” Whoever originated this saying may have intended for it to be humorous, but it is a misrepresentation of both plagiarism and scholarship.

No one wants to be the victim of theft; if it has ever happened to you, you know how awful it feels. When a student takes an essay, research paper, speech, or outline completely from another source, whether it is a classmate who submitted it for another instructor, from some sort of online essay mill, or from elsewhere, this is an act of theft no better or worse than going into a store and shoplifting. The wrongness of the act is compounded by the fact that then the student lies about it being his or her own. If you are tempted to do this, run the other way. Your instructor



will probably have no mercy on you, and probably neither will the student conduct council.

Most colleges and universities have a policy that penalizes or forbids “self-plagiarism.” This means that you can’t use a paper or outline that you presented in another class a second time. You may think, “How can this be plagiarism or wrong if I wrote both and in my work I cited sources correctly?” The main reason is that by submitting it to your instructor, you are still claiming it is original, first-time work for the assignment in that particular class. Your instructor may not mind if you use some of the same sources from the first time it was submitted, but he or she expects you to follow the instructions for the assignment and prepare an original assignment. In a sense, this situation is also a case of unfairness, since the other students do not have the advantage of having written the paper or outline already.

Sneaking

Some sources refer to this kind of plagiarism as “string of pearls” plagiarism or “incremental plagiarism” (Lucas, 2015). Instead of taking work as a whole from another source, the student will copy two out of every three sentences and mix them up so they don’t appear in the same order as in the original work. Perhaps the student will add a fresh introduction, a personal example or two, and an original conclusion. This “sneaky” plagiarism is easy today due to the Internet and the word processing functions of cutting and pasting.

In fact, many students do not see this as the same thing as stealing, because they think “I did some research, I looked some stuff up and added some of my own work.” Unfortunately, this approach is only marginally better than stealing and will probably

end up in the same penalties as the first type of plagiarism. Why? Because no source has been credited, and the student has “misappropriated” the expression of the ideas as well as the ideas themselves. Interestingly, this type of plagiarism can lead to copyright violation if the work with the plagiarism is published.

Most of the time students do not have to worry about copyright violation because in academic environments, “fair use” is the rule. In short, you are not making any money from using the copyrighted material, such as from a published book. You are only using it for learning purposes and not to make money, so “quoting” (using verbatim) with proper citation a certain amount of the material is acceptable for a college class.

If, however, you were going to try to publish and sell an article or book and “borrowed” a large section of material without specifically obtaining permission from the original author, you would be guilty of copyright violation and by extension make your organization or company also guilty. When you enter your career field, the “fair use” principle no longer applies and you will need to obtain permission from the copyright holder to use all or portions of a work. For more information on this very important subject, visit the [Creative Commons website](#) and the [Library of Congress](#).

One area where students are not careful about citing is on their presentational slides. If a graphic or photo is borrowed from a website (that is, you did not take it or design it), there should be a citation in small letters on the slide. The same would be true of borrowed quotations, data, and ideas. Students like to put their works cited or references on the last slide, but this really does not help the audience or get around the possibility of plagiarism.

Borrowing

The third type of plagiarism is “borrowing.” In this case, the student is not stealing wholesale. He or she may actually even give credit for the material, either correctly or incorrectly. He might say, “According to the official website of . . .” or “As found in an article in the *Journal of Psychology*, Dr. John Smith wrote . . .” Sounds good, right? Well, yes and no. It depends on whether the student has borrowed in a “sneaky way” (cutting and pasting passages together but this time indicating where the sections came from) or if the student is using the ideas but not the exact wording. In other words, has the student adequately, correctly, and honestly paraphrased or summarized the borrowed material, or just “strung the pearls together” with some “according to’s”?

Ethically Crediting Sources

In using source material correctly, a speaker does three things:

1. He or she clearly cites the source of the information. It is here that the oral mode of communication differs from the written mode. In a paper, such as for literature, you would only need to include a parenthetical citation such as (Jones 78) for Modern Language Association (MLA) format, indicating that a writer named Jones contributed this idea on page 78 of a source that the reader can find on the Works Cited Page. In a paper for a class in the social sciences, an American Psychological Association (APA) format citation would be (Jones, 2012) or (Jones, 2012, p. 78). The first would be used if you summarized or paraphrased information from the source, and second (with the page number) is used to indicate the words were quoted exactly from a source; obviously, in that case, quotation marks are used around the quoted material. In both cases, if the reader wants more information, it can be found on the References Page.

A speech is quite different. Saying “According to Jones, p. 78,” really does very little for the audience to understand the type of information being cited, how recent it is, the credibility of the author you are citing and why you think he or she is a valid source, or the title of the work. It is necessary in a speech to give more complete information that would help the audience understand its value. The page number, the publishing company, and city it was published in are probably not important, but what is important is whether it is a website, a scholarly article, or a book; whether it was written in 1950 or 2010; and what is the position, background, or credentials of the source.

So, instead of “According to Jones, p. 78,” a better approach would be,

“According to Dr. Samuel Jones, Head of Cardiology at Vanderbilt University, in a 2010 article in a prestigious medical journal...”

Or

“In her 2012 book, *The Iraq War in Context*, historian Mary Smith of the University of Georgia states that...”

Or

“In consulting the website for the American Humane Society, I found these statistics about animal abuse compiled by the AHS in 2012...”

This approach shows more clearly that you have done proper research to support your ideas and arguments. It also allows your audience to find the material if they want more information. Notice that in all three examples the citation precedes the fact or information being cited. This order allows the audience to recognize the borrowed material better. The use of a clear citation up-front makes it more noticeable as well as more credible to the audience.

2. The speaker should take special care to use information that is in context and relevant. This step takes more critical thinking skills. For example, it is often easy to misinterpret statistical information (more on that in Chapter 7), or to take a quotation from an expert in one field and apply it to another field. It is also important to label facts as facts and opinions as opinions, especially when dealing with controversial subjects. In addition, be sure you understand the material you are citing before using it. If you are unsure of any words, look their definitions up so you are sure to be using the material as it is intended.
3. The speaker should phrase or summarize the ideas of the source into his or her own words. **Paraphrasing**, which is putting the words and ideas of others into one's own authentic or personal language, is often misunderstood by students. Your instructor may walk you through an exercise to help your class understand that paraphrasing is *not* changing 10% of the words in a long quotation (such as two or three out of twenty) but still keeping most of the vocabulary and word order (called syntax) of the source. You should compose the information in your own "voice" or way of expressing yourself.

In fact, you would be better off to think in terms of summarizing your source material rather than paraphrasing. For one thing, you will be less likely to use too much of the original and be skirting the edge of plagiarism. Secondly, you will usually want to put the main argument of an article or large portion of a source in your own words and make it shorter.

Here is an example of an original source and three possible ways to deal with it.

Original information, posted on CNN.com website, October 31, 2015:

"The biggest federal inmate release on record will take place this weekend. About 6,600 inmates will be released, with 16,500 expected to get out the first year. More than 40,000 federal felons could be released early over the next several years, the U.S. Sentencing Commission said. The sentencing

Paraphrasing

putting the words and ideas of others into one's own authentic or personal language

commission decided a year ago to lower maximum sentences for nonviolent drug offenders and to make the change retroactive, with the inmate releases effective November 1, 2015. Sentences were reduced an average of 18%, the commission said. Early release will be a challenge for the inmates as well as the judicial bureaucracy” (Casarez, 2015).

With that as our original source, which of the following is truly paraphrasing?

The CNN News website says the federal government is releasing 40,000 felons from prison in the next few years.

According to report posted on CNN’s website on October 31 of 2015, the federal government’s Sentencing Commission is beginning to release prisoner in November based on a decision made in 2014. That decision was to make maximum sentences for nonviolent drug offenders shorter by an average of 18%. Over the next several years over 40,000 federal felons could be let go. However, this policy change to early release will not be easy for the justice system or those released.

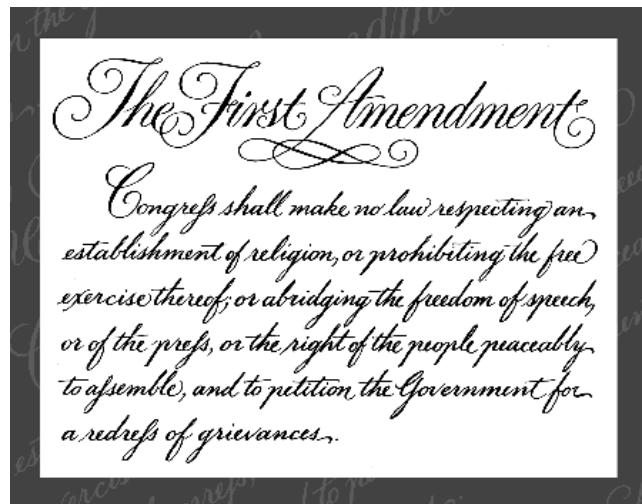
The largest release ever of federal inmates will take place in early November. At first 6,600 inmates will be released, and then over 16,000 over the first year. The U.S. Sentencing Commission says it could release over 40,000 federal felons over the upcoming years because the sentencing commission decided a year ago to lessen maximum sentences for nonviolent drug offenders and to make this happen for those already in jail. When the Sentencing Commission says that when it made that decision, the sentences were reduced an average of 18%. Early release will be a challenge for the felons as well as the judicial system. This came from a story on CNN News website in later October 2015.

If you chose the second citation, you would be correct. The first version does not really interpret the original statement correctly, and the third choice imitates the original almost entirely. Choice 2, on the other hand, is in completely different language and identifies the source of the information clearly and at the beginning.

This exercises may raise the question, “Should I always paraphrase or summarize rather than directly quote a source?” There are times when it is appropriate to use a source’s exact wording, but quoting a source exactly should be done sparingly—sort of like using hot sauce! You should have a good reason for it, such as that the source is highly respected, has said the idea in a compelling way, or the material is well known and others would recognize it.

Conclusion

As mentioned before, students often have not been trained to use source material correctly and plagiarize unintentionally. But like the old saying goes, “Ignorance of the law is no excuse.” You will still be held accountable whether you understand or not, so now, in your early college career, is the time you should learn to cite source material correctly in oral and written communication.



Something to Think About

In Appendix B you will find more information about plagiarism.

Why do you think it is so hard for students to learn to cite sources appropriately?

Chapter 4

Developing Topics for Your Speech



Learning Objectives

After reading this chapter, the student will be able to:

- ◇ Distinguish between the specific purpose, central idea, and main points of a speech;
- ◇ Differentiate between a speech to inform, persuade, and inspire or entertain;
- ◇ Write a specific purpose statement;
- ◇ Write a thesis or central idea statement;
- ◇ Distinguish between acceptable and unacceptable specific purpose and central idea statements;
- ◇ Compose appropriate specific purpose and central idea statements for informative, persuasive, and inspirational/entertaining speeches.

Chapter Preview

- 4.1 – Getting Started with Your Topic
- 4.2 – Formulating a Specific Purpose Statement
- 4.3 – Formulating a Central Idea Statement
- 4.4 – Problems to Avoid with Specific Purpose and Central Idea Statements

4.1 – Getting Started with Your Topic and Purpose

So far in this book we have examined many practical and theoretical aspects of public speaking as a method of communicating and as an art form, but in this chapter we are going to get into the real meat of putting your speech together.

Often when we get to the point of sitting down to prepare a speech, we think about topics. That is understandable, but before we go any further, let's recalibrate our minds to think also, or even more, about "purpose." There are some benefits to considering purpose and topic simultaneously. Doing so will help you focus your speech to a manageable amount of content, become more audience-centered, and make strategic decisions about other aspects of the speech, such as organization, supporting evidence, and visual aids.

Speeches have traditionally been seen to have one of three broad purposes: to inform, to persuade, and— Well, to be honest, different words are used for the third kind of speech purpose: to inspire, to amuse, to please, or to entertain. These broad goals are commonly known as a speech's **general purpose**, since, in general, you are trying to inform, persuade, or entertain your audience without regard to specifically what the topic will be. Perhaps you could think of them as appealing to the understanding of the audience (informative), the will or action (persuasive), and the emotion or pleasure. Your instructor will most likely assign you an informative and persuasive speech, and then perhaps one more, such as a tribute (commemorative), after-dinner, or special occasion speech. These last three types of speeches fit into the category of "to entertain." This book has chapters on all three types (Chapters 12, 13, and 15).

These three purposes are not necessarily exclusive of the others. A speech designed to be persuasive can also be informative and entertaining, even if either of those are not the main purpose.

4.2 – Formulating a Specific Purpose Statement

Now that you know your general purpose (to inform, to persuade, or to entertain), you can start to move in the direction of the specific purpose. A **specific purpose statement** builds on your general purpose (to inform) and makes it more specific (as the name suggests). So if your first speech is an informative speech, your general purpose will be to inform your audience about a very specific realm of knowledge, for example, the history of NASA's Shuttle program.

General Purpose

the broad, overall goal of a speech; to inform, to persuade, to entertain, etc.

Specific Purpose Statement

an infinitive phrase that builds upon the speaker's general purpose to clearly indicate precisely what the goal of a given speech is

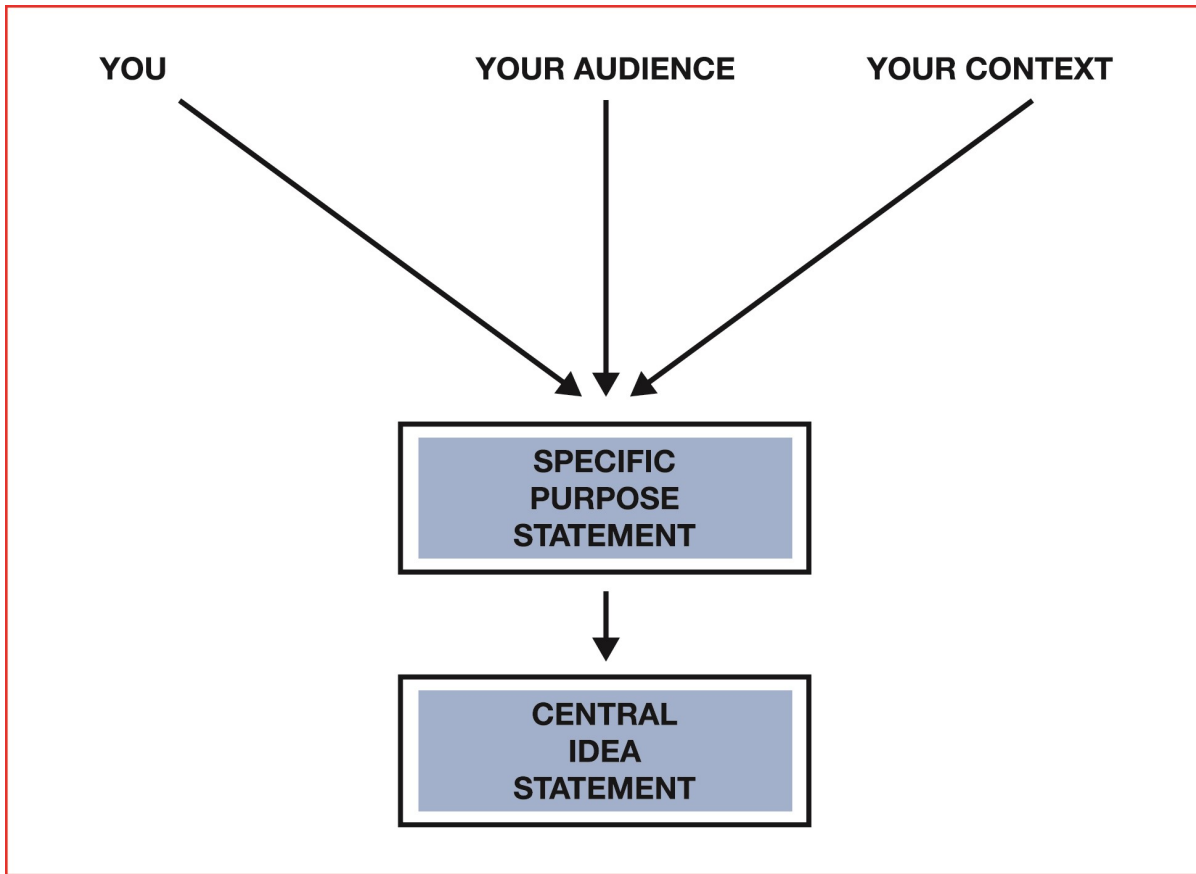


Figure 4.1

In writing your specific purpose statement, you will take three contributing elements that will come together to help you determine your specific purpose. The diagram in Figure 4.1 shows those three elements. These three elements are **you** (your interests, your background, past jobs, experience, education, major), **your audience** (which you learned to analyze in Chapter 2), and **the context** or setting.

You

An old adage states, “Write about what you know.” In many ways, that is a great place to start with creating a speech, although you will need to consult other sources as well. If you start with ideas that reflect your interests and passions, your interest and passion will come across in your speech and give you more credibility in the eyes of your audience and make your speech more interesting.

This would be a good place for you to do an inventory. Retail stores do regular inventories to know what is “really there” in the stores. You have much more going on in your brain and background than you can be conscious of at any one time. Being

Jobs I have had
I learned how to:
I learned about:
I changed my mind about:

Organizations I have been involved with
I have volunteered with:
An organization that has helped me or my family is:

High school classes I really enjoyed
Why I liked them:
What main things I learned:
What I learned about myself:

Clubs I am in/have been in
Why I joined:
How did my opinions and views change because of the club?
What I learned:
Important people I met:

Hobbies
What kept me interested in it?
Why I stopped the hobby (if I did):
What practical things I learned from it that others should know about:

Sports/Musical instruments I played
Why is the activity enjoyable for me?
What did I learn?
What is the background/popularity of the activity?

Places I've visited
Disease or disorders suffered by people I have known
Interesting people I have met
Interesting people I have read about or seen movies about
Favorite books
Favorite music
Favorite movies or TV shows

Figure 4.2: Speech Idea Prompts

asked the right kinds of prompts can help you find ideas. Figure 4.2 is a list of prompts for this inventory. To help generate some ideas for your speeches, complete the phrases and/or answer the questions in Figure 4.2 to see if any ideas can be generated from experiences or interests you may not have realized you had.

This inventory may seem long and intrusive, but digging a little deeper may help you find ideas and directions that are unique to you. You want to find this kind of subject matter and not the same topics others will gravitate towards just because they saw a list on Google on informative speech topics. Also, generating your list based on these questions and prompts will get you excited about your topic and talking about it to your classmates. For example, a very common persuasive speech topic is organ donation. There is nothing wrong with that topic *per se*, but if you ask yourself the right questions, you may come up with something far more central to who you are and that would interest or apply to the audience more.

Another approach that you might find helpful is to determine what you are passionate about through two binary routes. First, you will obviously be passionate about the things you love, so talk about those. Is *The Simpsons* your favorite TV show? Then you can inform us on that. Do you feel that Big Brothers Big Sisters is a vital organization in the way it helps kids? Then persuade us to volunteer there. Conversely, you can also be passionate about things you don't love (i.e., hate). Does it really annoy you when people don't use their turn signals? Then persuade us to always use them. Do you want to scream when you hear a cell phone go off at the movies? Then persuade us that cell phones should be banned in theaters. Of course, what you love or hate may be in stark contrast to how your audience feels, so it is important to keep them in mind as well, which brings us to the next contributing factor.

The Audience

After you examine what you know and are passionate about, you have to determine if and how the topic has practical value or interest for others. It may be that it is a topic the audience is not immediately interested in but needs to know about for their own benefit. Then it becomes necessary for you to find that angle and approach that will help them see the benefit of it and listen to you. The more you know about your audience, the better you can achieve this goal. Good speakers are very knowledgeable about their audiences.

The Context

Many aspects come into the context of a speech, but as mentioned in Chapter 2, the main ones are the time, place, and reason for the event and the audience being there. Your classroom speeches have a fairly set context: time limits, the classroom, assignment specifications. Other speeches you will give in college (or in your career and personal life) will require you to think more deeply about the context just as you would the audience.

Putting It Together

Keeping these three inputs in mind, you can begin to write a specific purpose statement, which will be the foundation for everything you say in the speech and a guide for what you do not say. This formula will help you in putting together your specific purpose statement:

To _____

Specific Communication Word (inform, explain, demonstrate, describe, define, persuade, convince, prove, argue)

Target Audience (my classmates, the members of the Social Work Club, my coworkers)

_____.
The Content (how to bake brownies, that Macs are better than PCs)

Each of these parts of the specific purpose is important. The first two parts make sure you are clear on your purpose and know specifically who will be hearing your message. However, we will focus on the last part here.

The content part of the specific purposes statement must first be singular and focused, and the content must match the purpose. The word “and” really should not appear in the specific purpose statement since that would make it seem that you have two topics. Obviously, the specific purpose statement’s content must be very narrowly defined and, well, specific. One mistake beginning speakers often make is to try to “cover” too much material. They tend to speak about the whole alphabet, A-Z, instead of just “T” or “L.” This comes from an emphasis on the topic more than the purpose, and from not keeping audience and context in mind.

Second, the content must match the focus of the purpose word. A common error is to match an informative purpose with a persuasive content clause or phrase. For example,

To explain to my classmates why term life insurance is a better option than whole life insurance policies.

To demonstrate to my classmates how the recent Supreme Court decision on police procedures during arrests is unconstitutional.

Sometimes it takes an unbiased second party to see where your content and purpose may not match.

Third, the specific purpose statement should be relevant to the audience. How does the purpose and its topic touch upon their lives, wallets, relationships, careers, etc.? It is also a good idea to keep in mind what you want the audience to walk away with or what you want them to know, to be able to do, to think, to act upon, or to respond to your topic—your ultimate outcome or result.

In an example listed above, the history of NASA would be much too large a topic for speech. To revisit the earlier example, the history of NASA would not only be too much material (leading to a very general speech rather than anything of real substance and learning) and a more specific one such as the Shuttle program would be closer to their experience. Here are several examples of specific purposes statements. Notice how they meet the standards of being singular, focused, relevant, and consistent.

To inform my classmates of the origin of the hospice movement.

To describe to my coworkers the steps to apply for retirement.

To define for a group of new graduate students the term “academic freedom.”

To explain to the Lions Club members the problems faced by veterans of the wars in Iraq and Afghanistan.

To persuade the members of the Greek society to take the spring break trip to Daytona Beach.

To motivate my classmates to engage in the College’s study abroad program.

And one you may need to hear right now at this point in the semester:

To convince my classroom audience that they need at least seven hours of sleep per night to do well in their studies.

Now that you understand the basic form and function of a specific purpose statement, let's revisit the original diagram in Figure 4.1. The same topic for a different audience will create a somewhat different specific purpose statement. Public speaking is not a "one-size-fits-all" proposition. Let's take the subject of participating in the study abroad program. How would you change your approach if you were addressing first-semester freshmen instead of first-semester juniors? Or if you were speaking to high school students in one of the college's feeder high schools? Or if you were asked to share your experiences with a local civic group that gave you a partial scholarship to participate in the program? You would have slightly different specific purpose statements although your experience and basic information are all the same.

For another example, let's say that one of your family members has benefitted from being in the Special Olympics and you have volunteered two years at the local event. You could give a tribute (commemorative speech) about the work of Special Olympics (with the purpose to inspire), an informative speech on the scope or history of the Special Olympics, or a persuasive speech on why audience members should volunteer at next year's event. "Special Olympics" is a key word in every specific purpose, but the statements would otherwise be different.

Despite all the information given about specific purpose statements so far, the next thing you read will seem strange: Never say your specific purpose to the audience. In a sense, it is just for you and the instructor. For you, it's like a note you might tack on the mirror or refrigerator to keep you on track. For the instructor, it's a way for him or her to know you are accomplishing both the assignment and what you set out to do. Avoid the temptation to default to saying it at the beginning of your speech. It will seem awkward and repetitive.

4.3 – Formulating a Central Idea Statement

While you will not actually say your specific purpose statement during your speech, you will need to clearly state what your focus and main points are going to be (preferably after using an introductory method such as those described in Chapter 8).

The statement that reveals your main points is commonly known as the **central idea statement** (or just the central idea).

Now, at this point we need to make a point about terminology. Your instructor may call the central idea statement “the thesis” or “the thesis statement.” Your English composition instructor probably uses that term in your essay writing. Another instructor may call it the “main idea statement.” All of these are basically synonymous and you should not let the terms confuse you, but you should use the term your instructor uses.

That said, is the central idea statement the very same thing as the thesis sentence in an essay? Yes, in that both are letting the audience know without a doubt your topic, purpose, direction, angle and/or point of view. No, in that the rules for writing a “thesis” or central idea statement in a speech are not as strict as in an essay. For example, it is acceptable in a speech to announce the topic and purpose, although it is usually not the most artful or effective way to do it. You may say,

“In this speech I will try to motivate you to join me next month as a volunteer at the regional Special Olympics.”

That would be followed by a preview statement of what the speech’s arguments or reasons for participating will be, such as,

“You will see that it will benefit the community, the participants, and you individually.”

However, another approach is to “capsulize” the purpose, topic, approach, and preview in one succinct statement.

Central Idea Statement

a statement that contains or summarizes a speech’s main points



“Your involvement as a volunteer in next month’s regional Special Olympics will be a rewarding experience that will benefit the community, the participants, and you personally.”

This last version is really the better approach and most likely the one your instructor will prefer.

So, you don’t want to just repeat your specific purpose in the central idea statement, but you do want to provide complete information. Also, unlike the formal thesis of your English essays, the central idea statement in a speech can and should use personal language (I, me, we, us, you, your, etc.) and should attempt to be attention-getting and audience-focused. And importantly, just like a formal thesis sentence, it must be a complete, grammatical sentence.

The point of your central idea statement is ultimately to reveal and clarify the ideas or assertions you will be addressing in your speech, more commonly known as your main points. However, as you are processing your ideas and approach, you may still be working on them. Sometimes those main points will not be clear to you immediately. As much as we would like these writing processes to be straightforward, sometimes we find that we have to revise our original approach. This is why preparing a speech the night before you are giving it is a **really, really** bad idea. You need lots of time for the preparation and then the practice.

Here are some examples of pairs of specific purpose statements and central idea statements.

Specific Purpose: To explain to my classmates the effects of losing a pet on the elderly.

Central Idea: When elderly persons lose their animal companions, they can experience serious psychological, emotional, and physical effects.

Specific Purpose: To demonstrate to my audience the correct method for cleaning a computer keyboard.

Central Idea: Your computer keyboard needs regular cleaning to function well, and you can achieve that in four easy steps.

Specific Purpose: To persuade my political science class that labor unions are no longer a vital political force in the U.S.

Central Idea: Although for decades in the twentieth century labor unions influenced local and national elections, in this speech I will point to how their influence has declined in the last thirty years.

Specific Purpose: To motivate my audience to oppose the policy of drug testing welfare recipients.

Central Idea: Many voices are calling for welfare recipients to have to go through mandatory, regular drug testing, but this policy is unjust, impractical, and costly, and fair-minded Americans should actively oppose it.

Specific Purpose: To explain to my fellow civic club members why I admire Representative John Lewis.

Central Idea: John Lewis has my admiration for his sacrifices during the Civil Rights movement and his service to Georgia.

Specific Purpose: To describe how makeup is done for the TV show *The Walking Dead*.

Central Idea: The wildly popular zombie show *The Walking Dead* achieves incredibly scary and believable makeup effects, and in the next few minutes I will tell you who does it, what they use, and how they do it.

Notice that in all of the above examples that neither the specific purpose nor the central idea ever exceeds one sentence. If your specific purpose or central idea consists of two or more sentences, then you probably are including too much information and taking up time that is needed for the body of the speech.

4.4 – Problems to Avoid with Specific Purpose and Central Idea Statements

The first problem many students have in writing their specific purpose statement has already been mentioned: specific purpose statements sometimes try to cover far too much and are too broad. For example:

To explain to my classmates the history of ballet.

Aside from the fact that this subject may be difficult for everyone in your audience to, it is enough for a three-hour lecture, maybe even a whole course. You will probably find that your first attempt at a specific purpose statement will need refining. These examples are much more specific and much more manageable given the limited amount of time you will have.

To explain to my classmates how ballet can be performed and studied in the U.S.

To explain to my classmates the difference between Russian and French ballet.

To explain to my classmates how ballet originated as an art form in the Renaissance.

To explain to my classmates the origin of the ballet dancers' clothing.

The second problem with specific purpose statements is the opposite of being too broad, in that some specific purpose statements are so focused that they might only be appropriate for people who are already extremely interested in the topic or experts in a field:

To inform my classmates of the life cycle of the lima bean (botanists, agriculturalists).

To inform my classmates about the Yellow 5 ingredient in Mountain Dew (chemists, nutritionists).

To persuade my classmates that JIF Peanut Butter is better than Peter Pan. (organizational chefs in large institutions)

The third problem happens when the “communication verb” in the specific purpose does not match the content; for example, persuasive content is paired with “to inform” or “to explain.” If you resort to the word “why” in the thesis, it is probably persuasive.

To inform my audience why capital punishment is unconstitutional. **(This cannot be informative since it is taking a side)**

To persuade my audience about the three types of individual retirement accounts. **(This is not persuading the audience of anything, just informing)**

To inform my classmates that Universal Studios is a better theme park than Six Flags over Georgia.

(This is clearly an opinion, hence persuasive)

The fourth problem exists when the content part of the specific purpose statement has two parts and thus uses “and.” A good speech follows the KISS rule—Keep It Simple, Speaker. One specific purpose is enough. These examples cover two different topics.

To explain to my audience how to swing a golf club and choose the best golf shoes.

To persuade my classmates to be involved in the Special Olympics and vote to fund better classes for the intellectually disabled.

To fix this problem, you will need to select one of the topics in these examples and speak on just that:

To explain to my audience how to swing a golf club.

OR

To explain to my audience how to choose the best golf shoes.

The fifth problem with both specific purpose and central idea statements is related to formatting. There are some general guidelines that need to be followed in terms of how you write out these elements of your speech:

- Do not write either statement as a question.
- Always use complete sentences for central idea statements and infinitive phrases (that is, “to”) for the specific purpose statement.

- Only use concrete language (“I admire Beyoncé for being a talented performer and businesswoman”), and avoid subjective terms (“My speech is about why I think Beyoncé is the bomb”) or jargon and acronyms (“PLA is better than CBE for adult learners.”)

Finally, the sixth problem occurs when the speech just gets off track of the specific purpose statement, in that it starts well but veers in another direction. This problem relates to the challenge of developing coherent main points, what might be called “the Roman numeral points” of the speech. The specific purpose usually determines the main points and the relevant structure. For example, if the specific purpose is:

To inform my classmates of the five stages of grief as described by Elizabeth Kubler-Ross.

there is no place in this speech for a biography of Dr. Kubler-Ross, arguments against this model of grief, therapies for those undergoing grief, or steps for the audience to take to get counseling. All of those are different specific purposes. The main points would have to be the five stages, in order, as Dr. Kubler-Ross defined them.

There are also problems to avoid in writing the central idea statement. As mentioned above, remember that:

- The specific purpose and central idea statements are not the same thing, although they are related.
- The central idea statement should be clear and not complicated or wordy; it should “stand out” to the audience. As you practice delivery, you should emphasize it with your voice.
- The central idea statement should *not* be the first thing you say, but should follow the steps of a good introduction as outlined in Chapter 8. Those steps include
 - 1) getting the audience’s attention,
 - 2) revealing the topic,
 - 3) revealing the main points (i.e. your central idea),
 - 4) establishing your credibility, and
 - 5) establishing rapport with your audience.

Conclusion

You should be aware that all aspects of your speech are constantly going to change as you move toward actually giving your speech. The exact wording of your central idea may change

and you can experiment with different versions for effectiveness. However, your specific purpose statement should not change unless there is a really good reason, and in some cases, your instructor will either discourage that, forbid it, or expect to be notified. There are many aspects to consider in the seemingly simple task of writing a specific purpose statement and its companion the central idea statement. Writing good ones at the beginning will save you some trouble later in the speech preparation process.



Something to Think About

What if your informative speech has the specific purpose statement: To explain the biological and lifestyle cause of Type II diabetes. The assignment is a seven-minute speech, and when you practice it the first time, it is thirteen minutes long. Should you adjust the specific purpose statement? How?

Chapter 5



Learning Objectives

After reading this chapter, the student will be able to:

- Explain the difference between primary and secondary sources;
- Access and find reliable information in GALILEO databases;
- Access and find resources in the library catalog;
- Access and find reliable information on the Internet;
- Explain basic terminology needed for Internet research;
- Distinguish between reliable and unreliable information on the Internet;
- Construct a short survey usable for analyzing an audience;
- Conduct short interviews for information for speeches;
- Recognize information that should be cited.

Chapter Preview

5.1 – Primary and Secondary Research

5.2 – Accessing Information

5.3 - Research on the Internet

5.4 – Conducting Your Own Research

5.1 – Primary and Secondary Research

As noted in Chapters 1 and 3, credibility as a speaker is one of your main concerns. Among many voices, you must prove that yours is worth attention. You can do this by

- using engaging narratives,
- having energetic delivery, and
- meeting the needs of your audience.

However, a foundational way is to offer support for the points you make in your speech, which you can do by providing evidence from other sources, which you will find by doing research.

You have access to many sources of information: books in print or electronic format, Internet webpages, journal articles in databases, and information from direct, primary sources through surveys and interviews. With so many sources, **information literacy** is a vital skill for researchers.

The term “research” is a broad one, for which the Merriam-Webster dictionary offers two basic definitions:

studious inquiry or examination; *especially*: investigation or experimentation aimed at the discovery and interpretation of facts, revision of accepted theories or laws in the light of new facts, or practical application of such new or revised theories or laws

and the more applicable meaning for this chapter, the collecting of information about a particular subject.

The first definition given refers, appropriately, to **primary research**, which depends on **primary sources**. The term “primary source” means that the material is first-hand, or straight from the source, so to speak.

For example, if a psychology researcher wanted to understand the stressors on military personnel in Afghanistan, he or she could interview them personally, read blog posts or other writings of the service personnel, or give them a survey with clear questions about their experiences and concerns. The information gathered in each of these examples would come straight from the “source.”

Another example would be an education professor who wants to understand if texting in class affects student learning. She might set up an experiment with similar students in two classes taught exactly the same way. One class has to follow a strict policy of no texting and where the other has no policy about texting. At the end of the semester she would compare test scores.

Information literacy

the ability to recognize when information is needed and have the ability to locate, evaluate, and effectively use the needed information (American Library Association, 1989)

Primary research

new research, carried out to answer specific questions or issues and discover knowledge

Primary sources

information that is first-hand or straight from the source; information that is unfiltered by interpretation or editing

Journalists, historians, biologists, chemists, psychologists, sociologists, and others conduct primary research, which is part of achieving a doctorate in one's field and adding to what is called "the knowledge base." For your speeches, you might use primary sources as well. Let's say you want to do a persuasive speech to convince your classmates to wear their seatbelts. Some of the basic information you might need to do this is:

- how many people in the class don't wear seatbelts regularly, and
- why they choose not to.

You could conduct primary research and directly ask your classmates if they wear their seatbelts and, if not, why not. This way, you are getting information directly from a primary source. (Later in this chapter we will look at some ways you could do this efficiently.)

It is possible that you will access published primary sources in your research for this speech class (and you will definitely do so as you progress in your discipline). Additionally, and more commonly, you will use **secondary sources**, which are articles, books, and websites that are compilations or interpretations of the primary sources.

One way to assess the quality of a secondary source is to look at its references or bibliography. A reliable source will cite other sources to support its claims. (Likewise, a well-researched speech will provide support for its argument by using evidence obtained from reliable sources.)

5.2 – Accessing Information in the Dalton State Library

Finding information is easy; finding reliable information that you can use confidently in a speech is more challenging. As a researcher, your responsibility is to identify useful, relevant, and understandable sources to help you decide how to approach your speech and to support your ideas. The library is a good place to start this research. It is accessible through the College's website (Figure 5.1)

"GIL-Find," the Library Catalog

Books are a logical place to begin, because they provide a broad overview of a topic. You can find them by searching the library's catalog, "GIL-Find," which provides a searchable listing of all the books, e-books, and resources available from Roberts Library. Access to the library catalog is available from the Library's webpage (see Figure 5.2).

Secondary sources

information that is not directly from the source; information that has been compiled, filtered, edited, or interpreted in some way

Did you know...

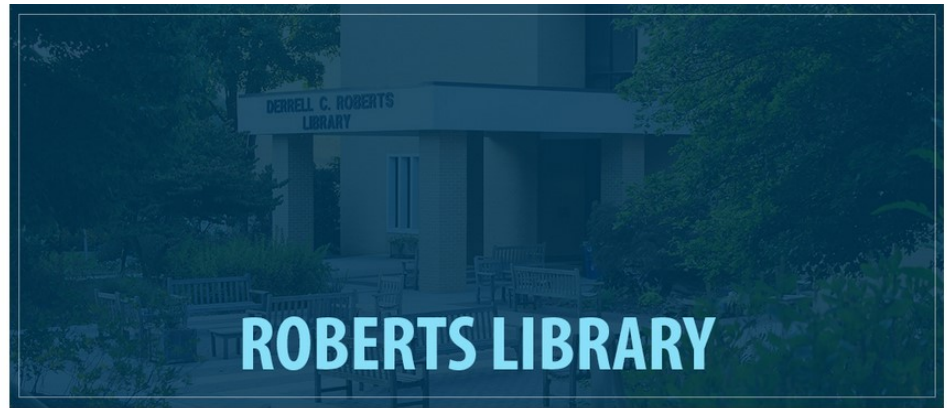
As a Dalton State College student, you can check out books from other University System of Georgia schools, either in person, or by having them delivered using a service called **GIL Express**.

This service helps when you need books Roberts Library does not have available. The delivery takes a few days, so be sure to order books about a week in advance!



Figure 5.1

- GIL EXPRESS AND INTERLIBRARY LOANS
- HOW DO I?
- RESEARCH HELP
- RESOURCES FOR
- VIRTUAL TOUR
- LEARNING EXPRESS LIBRARY
- CATALOG
- GALILEO



[Staff Directory](#) | [Calendar](#) | [Directions and Campus Map](#) | [Policies and Forms](#) | [Library Map and Virtual Tour](#)

The Roberts Library staff encourages you to take full advantage of the resources and services that the library has to offer. We look forward to seeing and hearing from you. Suggestions and questions are encouraged either in person, by e-mail, text, or in our Suggestion Box which is located in the library foyer. Make the Roberts Library a regular part of your college experience.



Figure 5.2

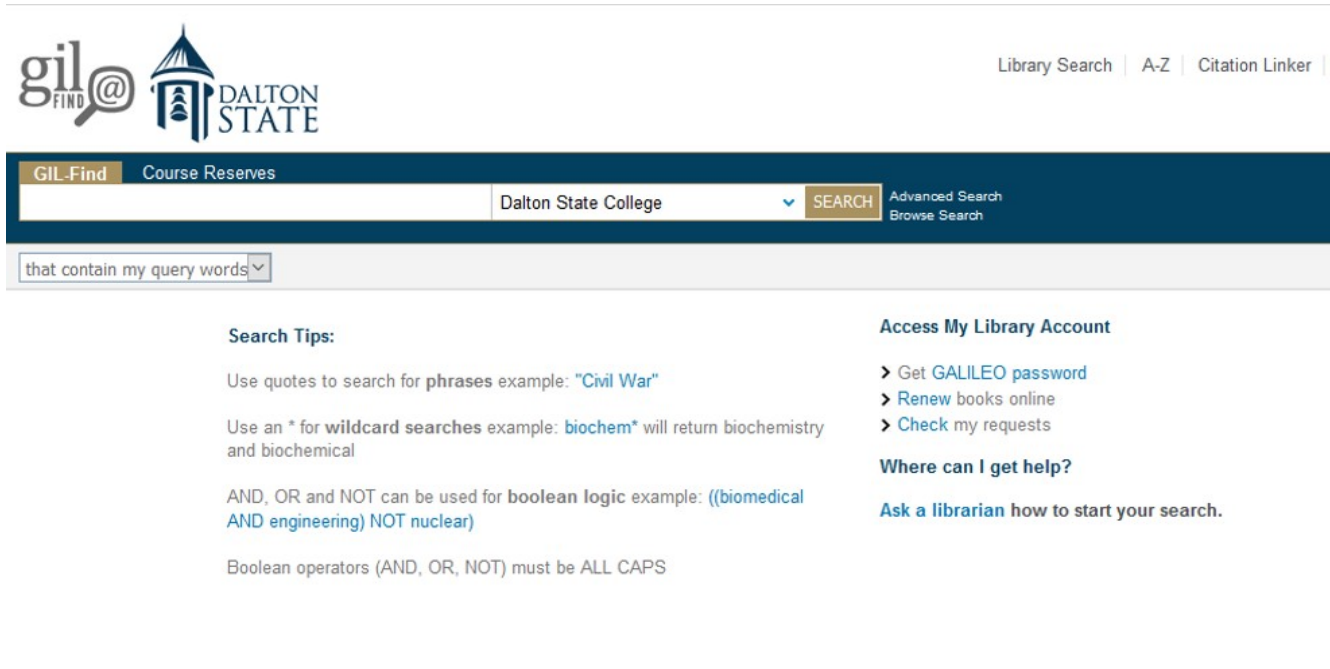


Figure 5.3

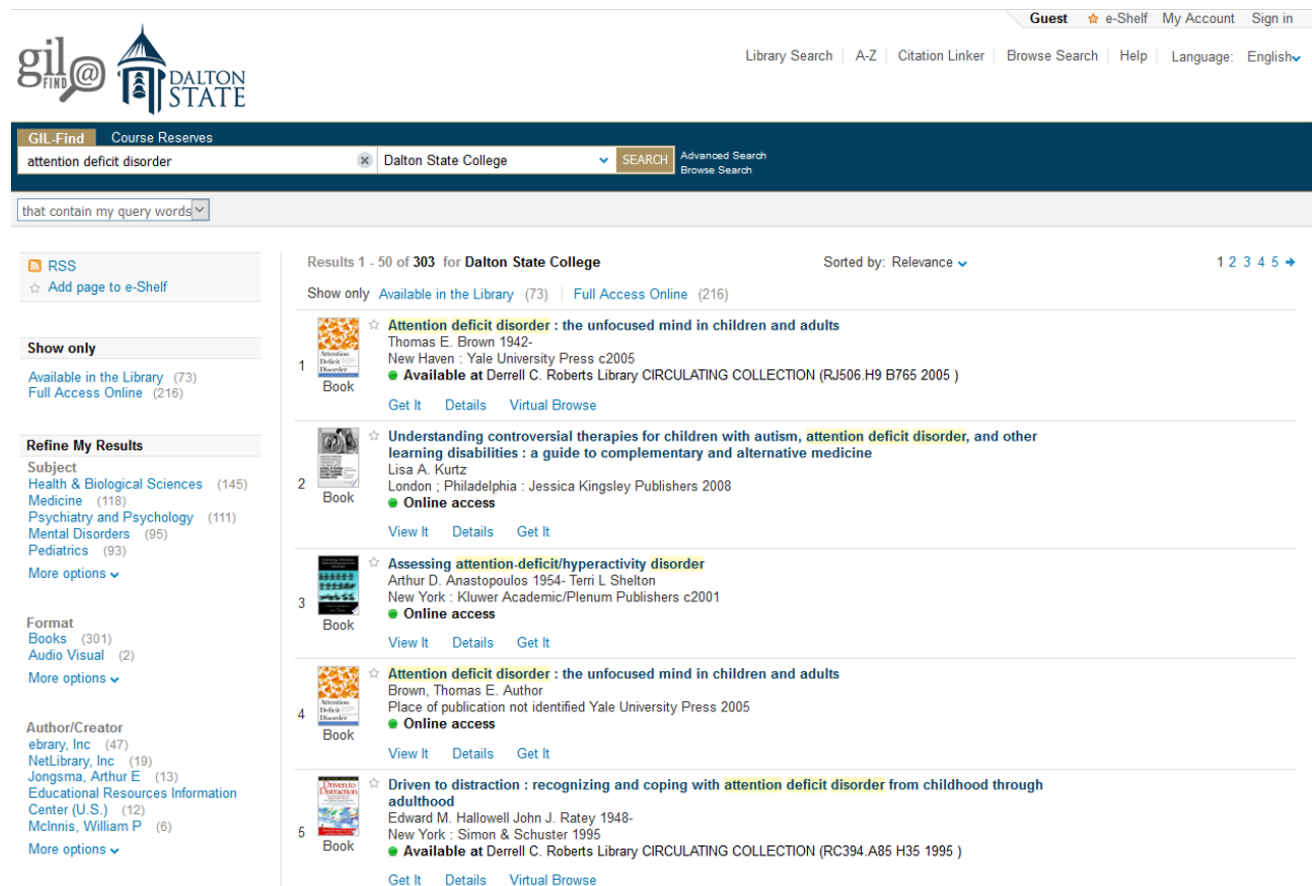


Figure 5.4

The library catalog home page is shown in Figure 5.3. You can search the library catalog using keywords about your topic. For example, see Figure 5.4, which shows the results page of a search for Attention Deficit Disorder.

The search results pages will show materials in all formats, and if you would like items only in a particular format, you may narrow the search using the facets on the left side of the screen. This “Refine my results” section also lets users narrow their search by date, author, subject, and more.

Each item listed on the results page allows you to get the information you need to access these sources. For items physically available in the library, “Get it” lets you know the location, call number, and item status.

If you are trying to view an e-book or streaming media, “View it” provides links to full access. The library’s catalog has a variety of helpful features, including an integrated option to order books from other schools if the Dalton State copy is checked out. Users can log in to GIL-Find using their MyDaltonState credentials to save searches and items for future reference, and see their checkout history, as well as renew items online.

GALILEO

GALILEO, also accessible from the library’s website (Figure 5.2), is a portal to over 300 databases, each containing hundreds of journals, each journal consisting of hundreds of articles, which means that there are millions of possible sources in GALILEO. What you need is probably there; it’s just a matter of finding it. GALILEO takes a little more time and effort than using an Internet search engine, but it will provide you much more reliable information.

Most of the content in GALILEO is articles from periodicals. **Periodicals** are works that are published on a regular, ongoing basis, such as magazines, academic journals, and newspapers.

Although GALILEO does index newspapers and popular magazines, for college-level research, it is best used for accessing academic journals. Almost all content in academic journals is **peer-reviewed**. That means that other scholars have read the articles and judged them to be accurate according to the research rules of that discipline.

For example, if an article is in a biological sciences journal, other biologists have read the article and determined that the information is sound and worth contributing to their

Periodicals

works that are published on a regular, ongoing basis, such as magazines, academic journals, and newspapers

Peer-reviewed

a review process in which other scholars have read a work of scholarly writing (an article, book, etc.) and judged it to be accurate according to the research rules of that discipline

GALILEO

options

- **Browse by subject** shows all databases in specific subject areas.
- **Browse by type** lets you see resources based on format (maps, images, statistics, etc.)
- **Databases A-Z** shows all 300+ databases, sorted alphabetically
- **Journals A-Z** lets you look up items starting with a citation.


 Searching: Discover GALILEO

[Basic Search](#)
[Advanced Search](#)
[Search History](#)

Search Options

Choose a discipline to search

Disciplines

- | | | | |
|---|--|--|---|
| <input type="checkbox"/> Agriculture & Agribusiness | <input type="checkbox"/> Consumer Health | <input type="checkbox"/> Information Technology | <input type="checkbox"/> Political Science |
| <input type="checkbox"/> Anatomy & Physiology | <input type="checkbox"/> Dance | <input type="checkbox"/> Language & Linguistics | <input type="checkbox"/> Politics & Government |
| <input type="checkbox"/> Anthropology | <input type="checkbox"/> Dentistry | <input type="checkbox"/> Law | <input type="checkbox"/> Power & Energy |
| <input type="checkbox"/> Applied Sciences | <input type="checkbox"/> Diplomacy & International Relations | <input type="checkbox"/> Library & Information Science | <input type="checkbox"/> Psychology |
| <input type="checkbox"/> Architecture | <input type="checkbox"/> Drama & Theater Arts | <input type="checkbox"/> Life Sciences | <input type="checkbox"/> Public Health |
| <input type="checkbox"/> Arts & Entertainment | <input type="checkbox"/> Earth & Atmospheric Sciences | <input type="checkbox"/> Literature & Writing | <input type="checkbox"/> Religion & Philosophy |
| <input type="checkbox"/> Astronomy & Astrophysics | <input type="checkbox"/> Economics | <input type="checkbox"/> Marketing | <input type="checkbox"/> Science |
| <input type="checkbox"/> Biography | <input type="checkbox"/> Education | <input type="checkbox"/> Mathematics | <input type="checkbox"/> Social Sciences & Humanities |
| <input type="checkbox"/> Biology | <input type="checkbox"/> Engineering | <input type="checkbox"/> Military History & Science | <input type="checkbox"/> Social Work |
| <input type="checkbox"/> Biotechnology | <input type="checkbox"/> Environmental Sciences | <input type="checkbox"/> Mining & Mineral Resources | <input type="checkbox"/> Sociology |
| <input type="checkbox"/> Botany | <input type="checkbox"/> Ethnic & Cultural Studies | <input type="checkbox"/> Music | <input type="checkbox"/> Sports & Leisure |
| <input type="checkbox"/> Business & Management | <input type="checkbox"/> Film | <input type="checkbox"/> Nursing & Allied Health | <input type="checkbox"/> Sports Medicine |
| <input type="checkbox"/> Chemistry | <input type="checkbox"/> Forestry | <input type="checkbox"/> Nutrition & Dietetics | <input type="checkbox"/> Technology |
| <input type="checkbox"/> Communication & Mass Media | <input type="checkbox"/> Geography & Cartography | <input type="checkbox"/> Oceanography | <input type="checkbox"/> Veterinary Medicine |
| <input type="checkbox"/> Complementary & Alternative Medicine | <input type="checkbox"/> Geology | <input type="checkbox"/> Pharmacy & Pharmacology | <input type="checkbox"/> Visual Arts |
| <input type="checkbox"/> Computer Science | <input type="checkbox"/> Health & Medicine | <input type="checkbox"/> Physical Therapy & Occupational Therapy | <input type="checkbox"/> Women's Studies & Feminism |
| <input type="checkbox"/> Construction & Building | <input type="checkbox"/> History | <input type="checkbox"/> Physics | <input type="checkbox"/> Zoology |

Search Modes and Expanders

Search modes

- Boolean/Phrase
- Find all my search terms
- Find any of my search terms
- SmartText Searching [Hint](#)

Apply related words

Also search within the full text of the articles

Apply equivalent subjects

Limit your results

Full Text

Journal Name

Title

Collection

All

- Civil Rights Digital Library
- 1968 sanitation workers strike
- African American odyssey

Language

All

- Catalan
- Chinese
- Croatian

Georgia Digital Collections Only

Scholarly (Peer Reviewed) Journals

Published Date

Month: Year: - Month: Year:

Author

Location

All

- .CIRCULATION DESK--1st Floor--Entrance
- ARCHIVES -- 2nd Floor -- Ask Staff
- BESTSELLERS--1st Floor--East Wing

Image Quick View Types

- | | |
|---|---------------------------------------|
| <input type="checkbox"/> Black and White Photograph | <input type="checkbox"/> Chart |
| <input type="checkbox"/> Color Photograph | <input type="checkbox"/> Diagram |
| <input type="checkbox"/> Graph | <input type="checkbox"/> Illustration |
| <input type="checkbox"/> Map | |

Catalog Only

Search



Figure 5.5

field of study. If it's a journal in psychology, the writers followed correct procedures for gathering data on human subjects and interpreting the data. Because GALILEO indexes peer-reviewed material and because much of what is there has been published in a print form, the publisher stands behind the publication and is responsible for the information's reliability.

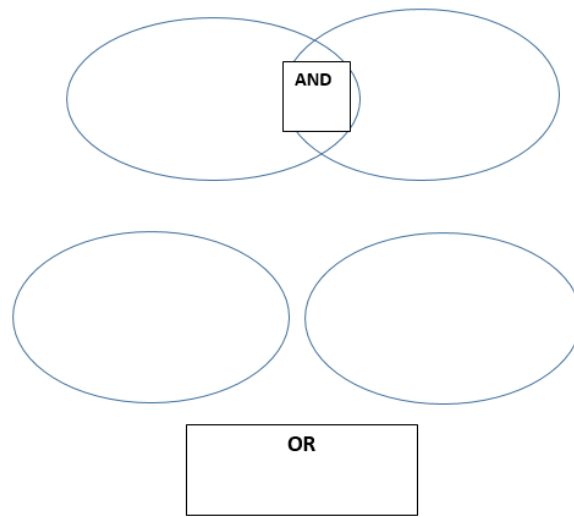
Many students like to use Google Scholar to find journal articles, and it is a good source for finding the publication information, but often users cannot actually access the full article because a subscription fee must be paid. You will not have that problem in GALILEO. The surrounding pages have screenshots of GALILEO to explain how to use it.

On the "About Roberts Library Page," find the GALILEO link (Figure 5.2). If you are on campus, you will go directly to the GALILEO page; if you are off-campus, you will have to sign in with your username and password for MyDaltonState. You might also be prompted to type in a specific password for GALILEO, but that password changes each semester, so you will have to consult your instructor or the library to obtain it.

At the GALILEO page, you will have several options (see the box at right). The large search box featured prominently on the page can be a good place to start, but does not include all the content and features of many valuable databases, which is especially helpful for in-depth subject research, such as that done in upper-level classes. The search box defaults to a basic search, but "Advanced Search" will allow you to select your preferences before you start.

Let's say you are researching medications prescribed to treat attention deficit disorder in children. You do not want to find information about medications used for adults. You can target your search through GALILEO's Advanced Search function (you can do the same thing with Internet Search Engines like Google or Yahoo!). Advanced Search lets you control where search terms appear, include multiple search parameters, exclude terms, and customize your search as desired.

An example of these techniques is shown in Figure 5.5. Notice first the words "attention deficit disorder" in quotation marks. Using the quotation marks is not always necessary, but it will work to keep those words as a unit and the search engine will not look for "attention" or "deficit" or "disorder" by themselves. Also notice that in the dropdown menu beside it, "Abstract" is highlighted. Again, this is not always necessary, but if the article is really about "attention deficit disorder," that unit of words will



Interlibrary Loan

If you are unable to access the full text of an article, and would like to order a copy, the library's Interlibrary Loan service can help you, usually for free! Email ill@daltonstate.edu with the details about the article you would like, and you will receive an electronic copy of it to read. Like GIL Express, be sure to allow yourself a few extra days for this service.

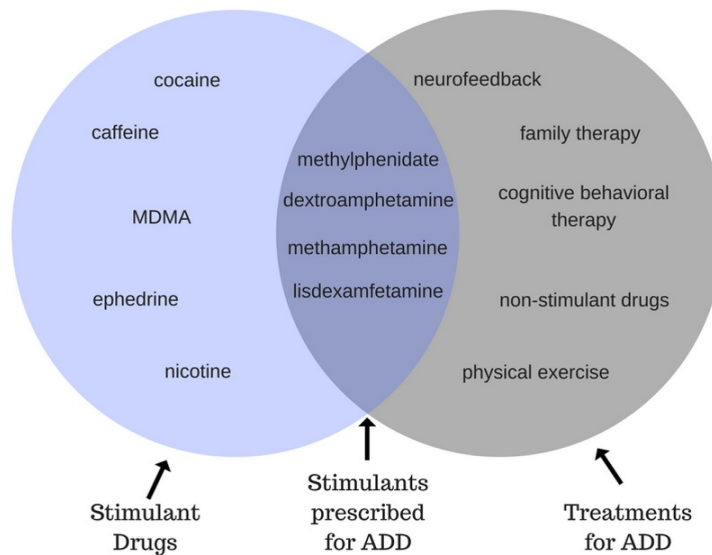


Figure 5.6

appear in the **abstract**. An abstract is a summary that accompanies every article in the databases, and abstracts are commonly written to accompany academic articles when published.

Also notice that two other words placed in the second and third boxes of the search engine; the Advanced Search allows for more focused search in this way. For “medication” an asterisk is placed at the end, which works as a placeholder. The search engine will look for “medication” and “medications” in this case. The researcher could use “medicat*” for “medicated,” “medication,” etc. The same approach is used in the last box—“adult*” for “adults” or “adult.”

However, you will see that the word “AND” is switched to “NOT” before the last box. This is part of **Boolean search**. This term refers to a method of using search engines in databases and the Internet that allows the user to combine key terms or words with the “operators” AND, NOT, or OR to find more relevant results. By doing so, the researcher excludes any articles that have the words “adult” or “adults” in the abstracts. You also have the option to use the word OR, which further affects your search.

In a Boolean search, if you use “AND,” the search engine will only look for records that have “attention deficit disorder” AND “medication*” in them, which will give you fewer results (but likely better ones in terms of what you are looking for). If you use the word OR, the search engine will look for articles that have “attention deficit disorder” OR “medication*” in them—obviously not what you want because you would get articles that are about medication but have nothing to do with attention deficit disorder.

The Boolean search method comes from mathematics, and you can think of it like a Venn Diagram. If you use “AND,” you get fewer results. If you use “OR,” you get more, but the results may not be precise for what you are trying to find.

Figure 5.6 illustrates the Venn Diagram principle and a Boolean search example. Using the search terms “Stimulant Drugs” OR “Treatments for ADD” will include everything in the whole diagram. “Stimulant Drugs” AND “Treatments for ADD” will only include the center portion. “Stimulant Drugs” NOT “Treatments for ADD” will give you the results shown on the left side only, while “Treatments for ADD” NOT “Stimulant Drugs” will return the search results depicted on the right side of the diagram only.

As you can see, you can control your search a great deal, even making it so specific that nothing will be found! If you look below the search fields in Figure 5.5, you will find that you can

Abstract

a summary that accompanies articles in databases

Boolean search

a method of using search engines in databases and the Internet that allows the user to combine key terms or words with the “operators” AND, NOT, or OR to find more relevant results

also put other controls on what the search engine finds. You can control for the date of the publication, the language, the format, and other factors. The next screen we will look at for this GALILEO search shows what would actually come up when you click the “Search” button (Figure 5.7).

From this results page, you can read the first article by clicking the “PDF Full Text” icon at the bottom of the record. The next two search results do not show any full text options. This means you will have to click the blue “Find It” button to check for access. If none is available, don’t worry—the library can order a copy using Interlibrary Loan (see box to the right).

If you click on the title of an article, you will go to the screen shown in Figure 5.8, which gives you more information, and offers helpful tools on the right hand side of the screen. The “Cite” tool is popular, because it will generate a pre-formatted entry for your Works Cited (MLA) or References (APA) page, which you can cut and paste into your paper. You can also read the abstract to see if it is what you are really looking for before printing it. Additionally, you can email the article to yourself and do a number of other functions.

This has been a short look at a basic search in GALILEO. You can access articles by searching individual databases, some of which catalog articles from journals in specific disciplines, such as psychology, education, medicine, or literature. There is one database worth examining that can greatly help you in your finding sources for your speeches.

The database that many public speaking instructors like to recommend to their students is Opposing Viewpoints Resource Center (OVRC). This database covers hundreds of topics. Even better, OVRC will provide articles from a variety of periodicals

On citation

The field of communication uses APA (American Psychological Association) format, used in most sciences. Your instructor may allow you to use MLA (Modern Language Association) instead, which is used in English classes.

The Online Writing Lab for Purdue University (<https://www.owl.english.purdue.edu>) is a great resource. Roberts Library also has helpful library guides on [MLA](#) and [APA](#).

When using automatically generated citations, be sure to proofread.

As helpful as computers are, they are not infallible!

The screenshot shows the GALILEO search engine interface. At the top, there are navigation links for 'New Search' and 'Pictures and Videos'. The search bar contains the query '"attention deficit disorder" AND medication* NOT adult*'. The search results are displayed in a list format, with three results visible. The first result is titled 'Medication and creativity in Attention Deficit Hyperactivity Disorder (ADHD)' and is from the 'Academic Journal' database. The second result is 'Nonmedical Use of Prescription Medication Among Adolescents Using Drugs in Quebec' and is from the 'Academic Journal' database. The third result is 'Dopamine/serotonin releasers as medications for stimulant addictions' and is from the 'Academic Journal' database. On the left side, there is a 'Refine Results' panel with options for 'Current Search', 'Limit To', and 'Limit by Type'. On the right side, there is a 'Newsires' panel with links to 'Woman accused of tamperin...'.

Figure 5.7

The screenshot shows the EBSCOhost search engine interface. The search bar contains the query '"attention deficit disorder" AND medication* NOT adult*'. The search results are displayed in a list format, with one result visible. The result is titled 'Guest Commentary. Energy drinks for children and adolescents: Cage the beast.' and is from the 'Brown University Child & Adolescent Behavior Letter'. The authors are 'Paccione-Dyszlewski, Margaret'. The source is 'Brown University Child & Adolescent Behavior Letter, May2013, Vol. 29 Issue 5, p8-8. 1p.'. The document type is 'Article'. The subject terms are '*BEVERAGES', '*CAFFEINE', '*CHILDREN -- Health', '*TEENAGERS -- Health', and '*ENERGY drinks'. The NAICS/Industry Codes are '325411 Medicinal and Botanical Manufacturing'. The abstract is 'The article provides information on energy drinks and different risks related to it. According to the survey conducted emergency room visits involving energy drinks doubled and visits made by males were more than visits made by females. Youngsters taking prescription medications for attention deficit...'. On the left side, there is a 'Detailed Record' panel with a 'PDF Full Text (431KB)' link. On the right side, there is a 'Tools' panel with links for 'Add to folder', 'Print', 'E-mail', 'Save', 'Cite', 'Export', 'Create Note', 'Permalink', and 'Share'.

Figure 5.8

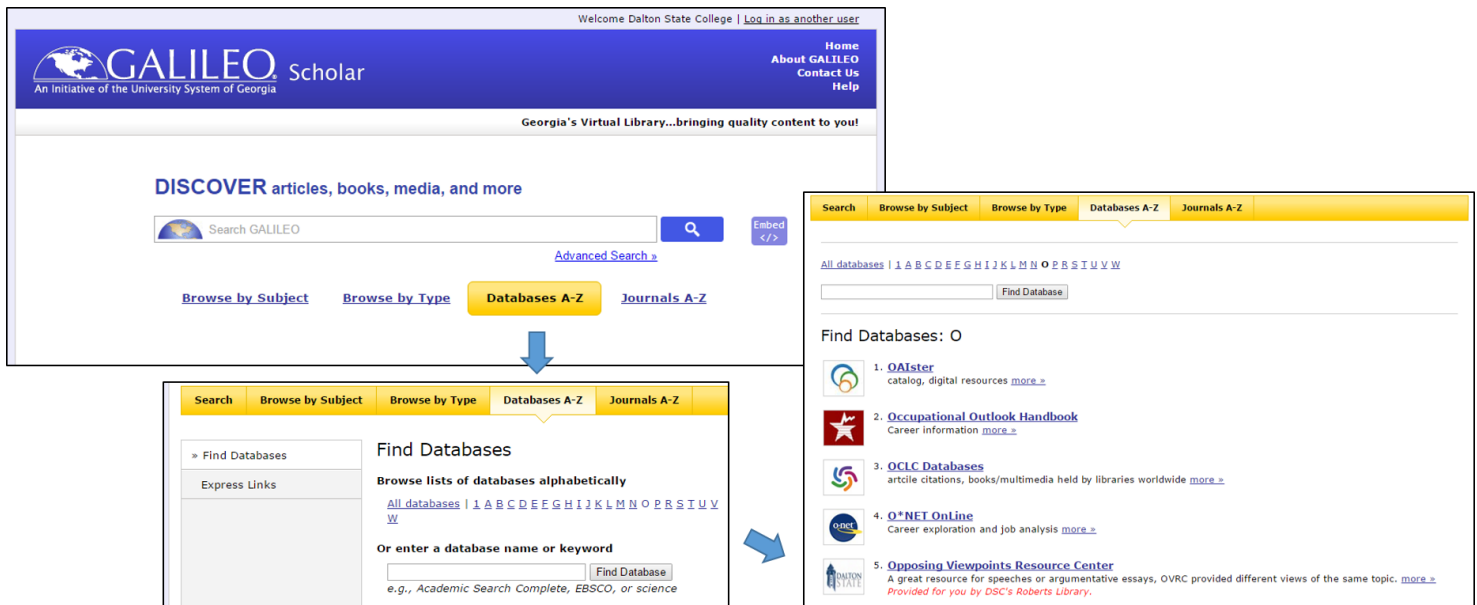


Figure 5.9

(magazines, newspapers, and academic journals) that explore both sides—pro and con—of current issues. For example, if you want to research the subject of raising the minimum wage, OVRC will provide articles on why it should be raised and why it should not be raised from moral, economic, practical, and political viewpoints. One of the values of OVRC is that when you are preparing your persuasive speech you will need to know the arguments of the “other side” so that you can bring them up in your speech and refute them.

To access Opposing Viewpoints Resource Center, use the “Databases A-Z” option on the main GALILEO page, then click on “O” and find it in the list. (this process is illustrated in figure 5.9). You can browse the subject categories, or search by keyword. See Figure 5.10 for a look at this database. Note that many of the tools, such as email, print, and cite, are available in this database as well.

5.3 – Research on the Internet

We’ve all had the experience of typing a search term into Google and coming up with 5,000,000 “hits.” What can you do with 5,000,000 webpages? Of course, not all of them are relevant or reliable. The first ones, at least on Google, will be businesses trying to sell their products. This is how Google makes money, and it does it very well. The second one will probably be Amazon

The screenshot shows the Gale Opposing Viewpoints in Context website interface. At the top, there is a search bar with the text "Minimum Wage" and a search icon. Below the search bar, there are navigation options like "Advanced", "Bookmark", and "More". The main content area is divided into several sections:

- Featured Video:** A video titled "E-cigarettes and Youth Trends" with a thumbnail showing a person in a blue uniform.
- Featured News:** A section with news articles from Newsweek and National Review. Newsweek articles include "Donald Trump's Border War: On the Frontlines in the Battle...", "Kim Jong Un, Donald Trump and the Looming Nuclear Crisis in...", and "How Donald Trump is Fueling ISIS: From his clumsy comments...". National Review articles include "Ages of Argus: on newspaper names and other media pleasures", "Athwart: will the U.S. survive if big bird leaves his...", and "At sea in the sixties".
- USA Today:** Articles include "As globe warms, Trump rolls back environmental progress", "Worry about leakers, not your smart TVs", and "CBO delivers dire prognosis for Republican health plan".
- Topic Grid:** A grid of topic categories, each with a "View All" link:
 - Business and Economics:** Affordable Housing, Health Insurance, Internships.
 - Energy and Environmentalism:** Flint Water Crisis, Global Warming, Water Pollution.
 - Health and Medicine:** E-Cigarettes and Vapor Products (new), Marijuana, Mental Health.
 - Law and Politics:** LGBT Rights and State Laws, Sentencing and Prison Reform, Undocumented Immigrants.
 - National Debate Topic:** 2016-2017 National Debate Topic, China, United States Foreign Relations.
 - Science, Technology and Ethics:** Net Neutrality, Sharing Economy, Twitter.
 - Society and Culture:** Black Lives Matter, Misinformation on Social Media (new).
 - War and Diplomacy:** Iran, Islamic State in Iraq and Syria (ISIS).

Figure 5.10

Wikipedia, and the next few will be the websites that get the most traffic.

If you type in “attention deficit disorder” (with the quotation marks) on any given day (it will of course change from day to day), you might find something like the image shown in Figure 5.11. No surprises; you have seen this many times, or something very similar. In this case, some of the top links look like they could be useful for reliable information, but we know this is not always the case.

If you “Google” the term “Advanced Search,” you will be taken to Google’s Advanced Search page. The same is true in Yahoo!; if you type “Yahoo! Advanced Search USA” into the YAHOO! basic search engine, you will find a more sophisticated search engine. Pictures of the two are found in Figure 5.12 (Google) and 5.13 (Yahoo!). These advanced search engines are

The screenshot shows a search engine interface with a navigation bar at the top containing 'Web', 'Images', 'News', 'Videos', 'Books', 'More', and 'Search tools'. Below the navigation bar, it indicates 'About 3,360,000 results (0.31 seconds)'. The main content area displays several search results for 'Attention-deficit/hyperactivity disorder'. The first result is an advertisement for 'Adults With ADHD Symptoms' from www.adhdtreatmentforadults.com/. The second result is 'Adult Attention Deficit Disorder - alOt.com' from health.alot.com. The third result is 'What Is Attention Deficit - smartkidswithld.org' from www.smartkidswithld.org. The fourth result is 'Scholarly articles for "attention deficit disorder"' listing several academic papers. The fifth result is 'What is Attention-Deficit Disorder? - Add-adhd.org' from www.add-adhd.org. On the right side, there is a detailed information panel for 'Attention-deficit/hyperactivity disorder', including a description, a 'Very common' status (more than 3 million US cases per year), and a 'Medically manageable' status (treatment can help). The panel also includes a 'Sources' section mentioning Mayo Clinic and others, and a 'More about this condition' link.

Figure 5.11

The screenshot shows the 'Advanced Search' page. It features a section titled 'Find pages with...' with five search criteria: 'all these words:', 'this exact word or phrase:', 'any of these words:', 'none of these words:', and 'numbers ranging from:'. Each criterion has a corresponding text input field. Below this section is a section titled 'Then narrow your results by...' with six filter options: 'language:' (dropdown menu set to 'any language'), 'region:' (dropdown menu set to 'any region'), 'last update:' (dropdown menu set to 'anytime'), 'site or domain:' (text input field), and 'terms appearing:' (dropdown menu set to 'anywhere in the page').

Figure 5.12- Google's Advanced Search Engine Page

The screenshot shows the Yahoo! Advanced Web Search interface. At the top, there is a search bar and a 'Yahoo Search' button. Below the search bar, there are several sections for refining the search:

- Show results with:** Four radio button options: 'all of these words', 'the exact phrase', 'any of these words', and 'none of these words'. Each option has a corresponding text input field and a dropdown menu set to 'any part of the page'.
- Tip:** Use these options to look for an exact phrase or to exclude pages containing certain words. You can also limit your search to certain parts of pages.
- Site/Domain:** Radio button options for 'Any domain', 'Only .com domains', 'Only .edu domains', 'Only .gov domains', and 'Only .org domains'. There is also a radio button for 'only search in this domain/site:' with a text input field.
- Tip:** You can search for results in a specific website (e.g. yahoo.com) or top-level domains (e.g. .com, .org, .gov).
- File Format:** A dropdown menu labeled 'Only find results that are:' with 'all formats' selected.
- SafeSearch Filter:** A section titled 'Applies when I'm signed in:' with two radio button options: 'Strict: filter out adult web, video and image search results - SafeSearch On' and 'Moderate: filter out adult video and image search results only - SafeSearch On'.

Figure 5.13 - Yahoo!’s Advanced Search Engine Page

easy to use and more useful to someone looking for focused, reliable information for a speech. They are also intuitive, especially now that you have seen the advanced search engines in GALILEO.

Before we continue, let’s clarify some common terms used in Internet searches. First, a couple of definitions and some background. All Internet sites have a **top-level domain**. You know these as .edu, .gov., .org., .com., or .net; Merriam-Webster (2016) formally defines it as a “section of the Internet that is made up of computers or sites that are related in some way (such as by use or source).” A website ends in the domain term; a webpage (the individual pages of a website) will have letters, punctuation, and numbers after the domain term and backward slash mark. This is part of a page’s overall web address, known as the URL.

Domains, of course, indicate the type of organizations using that “after the dot” set of letters. .ORGs are nonprofit organizations. They can have good information, but are not totally free from bias; the Democratic party’s website is a .ORG. .GOVs are websites for state, local, and federal governments. They also have a great deal of good information, but

Domain

a section of the Internet that is made up of computers or sites that are related in some way (such as by use or source); examples include .com, .edu, .net, and .gov

will not have information showing the negative sides of government policies. .EDUs are tied to colleges and universities (elementary and high schools are considered part of local governments and have .GOV in their URLs). Some of them have good research, but most are full of information geared for students at that institution. Of course, .COMs are for businesses. They are not totally unreliable, but one would not expect unbiased information on most of them. Ford.com is not going to post negative reviews of their vehicles' safety ratings. Monster.com is a good place for information on job searches, but it also wants to sell viewers a service.

Evaluating Websites

Finding a webpage with information on it is just the first step. How should they be evaluated so you know the information or analyses there is reliable? CAPOW is an acronym that can be used as a guide for determining how well suited a website or webpage may be for research purposes. According to Price (2008), who produced a video about CAPOW for YouTube, CAPOW stands for:

CURRENCY. Is the information posted on the site up-to-date? If studies are cited, are the dates of the information given? This standard will be more important with scientific, health, and current event topics. If information about the earthquakes in Haiti is from 2012, it is not reliable to explain what is happening there now.

AUTHORITY. Is the person or organization behind the site an authority, that is, has credentials, expertise, and the respect of others in the field? Having an education or doctorate is important, but it must be in that particular subject. Can you even determine who or what organization is behind the website?

PURPOSE. Is the person or organization behind the website trying to persuade you to a viewpoint or trying to further a cause? Can you recognize it? The fact that the organization is trying to advocate for something, such as disaster relief or ending animal abuse, does not mean the information is unreliable. In fact, it may be from very good sources. It just means you should be aware that it is presenting good evidence on one side of an issue, but there could be good evidence on the other side.

OBJECTIVITY. This one is closely tied to purpose; it also has to do with the sources from which the website uses quotes and evidence. For example, one of the "hot" topics in recent years has been whether infants and toddlers should be vaccinated. As you probably know, anti-vaccination advocates

cite studies from the past that seem to connect the chemicals in vaccines to autism and other conditions, even to fatalities in children. One must read carefully to determine who and what is being cited and look into more than a couple of sources on the Internet to get the full picture of this controversy. There are many websites that will provide information on both sides of the debate. Some will have .ORG in the domain. These organizations and sources can be very passionate in their writing, but passion, assertions, and name-calling do not signal reliable information.

WRITING STYLE. Have you ever received one of those emails telling you that you are inheriting money but you have to take some funds out of your bank account and wire it to someone, usually overseas? Many people fall for those, unfortunately, but they should not because the writing style usually has a number of mistakes in it and signs that the person is not familiar with English (along with the fact that the claims are kind of ridiculous). There are websites like this, too. Additionally, note the tone of the writing. Using the example above, a website called www.humanosphere.org is pro-vaccine, and contains a report on how the media became more pro-vaccine after the measles scare at Disneyworld. It refers to Disneyworld as “one of our nation’s holiest sites,” which shows a sarcastic tone.

Furthermore, in Chapter 3 and Chapter 7, the topic of using sources correctly is discussed. In both cases, you would want to be sure not to take information out of context. For example, on the website vaccines.procon.org, this statement appears in the “con” side: “According to the CDC, all vaccines carry a risk of a life-threatening allergic reaction (anaphylaxis) in about one per million children.” It is followed by a link to a formal citation. An unethical speaker could just leave out that last part and use the statement “According to the CDC, all vaccines carry a risk of a life-threatening allergic reaction (anaphylaxis)” to give the wrong impression of what the Centers for Disease Control published.

If all this makes you think that you should be skeptical of information on the Internet, at least in terms of using it for your speeches, then that is good—you should!

Of course, one source that many students have questions about using is Wikipedia. Most of us use Wikipedia or similar sites to look up the answers to pressing questions such as “Was

Val Kilmer in the film *Willow*?” or “When is the next solar eclipse?” However, it is unlikely that your instructor will be satisfied with your using evidence from Wikipedia (or other Wiki-type sites).

There are a couple of reasons for this. One is that Wikipedia is, like a dictionary, a basic reference source. Like a printed encyclopedia, it is used for basic or general information about a topic, but this means that it is not suitable for serious college-level research.

Additionally, because anyone on Wikipedia (or any Wiki site) can update information, there is no guarantee that what you read will be up-to-date or correct. While Wikipedia and its editors make every effort to maintain the accuracy of entries, with millions of pages on the site, that isn't always possible. Also, sometimes the information in Wikipedia is just plain wrong, and there are so many pages on Wikipedia that it is difficult to keep all of them up to standard. The previously cited CAPOW video gives the example of a posting from a few years back that claimed the comedian Sinbad had died, even though he is still alive. Another example, given in Thomas Friedman's *The World is Flat* (2005), is of a well-known CEO who spent years trying to clear his name when incorrect information about him was posted on Wikipedia and then reposted on several other sites.

Wikipedia is a good place to go to obtain basic information or general knowledge about your subject and you can use the references at the bottom of the page (if there are any) to look for information elsewhere. But saying to an audience, “my source for the information in this speech is Wikipedia” will probably do little to convince your audience that you are knowledgeable and have done adequate research for the speech.

5.4 – Conducting Your Own Research

Up to this point, we have discussed finding secondary sources or primary sources that are published. It is also possible for you to use some truly firsthand research in your speeches.

Surveys

The first type of primary research you can use is through surveys. Your instructor may ask you to construct a short survey to learn something about your audience before, for example, a persuasive speech. A survey can be helpful if the questions are correctly written and if the survey is not too long.

For the most part, a survey should use objective questions. That means questions with a few predetermined answers for the

survey-takers to choose from, such as multiple-choice, true-false, I agree/Neutral/I disagree, or yes-no. If the researcher wants to construct a multiple choice question, he or she must try to provide all the reasonable options. For example, if the student wanted to give a speech about why consumers should not buy gas with ethanol, and used the question:

What grade of gas do you buy for your car?

Regular

Medium

High Octane/Premium

This question left out the option of diesel. It also failed to account for students who don't own or drive a car, who are unsure what grade of gasoline they buy, or who buy more than one grade of gasoline. You also don't want to ask open-ended questions for a short survey like this. If you wanted to know what grocery store in the area your audience patronized, this question would be a problem:

At which grocery store does your family shop?

The version shown below would be more useful and easy to interpret:

At which of these grocery stores does your family shop?

- ◇ Food Lion
- ◇ Food City
- ◇ Target
- ◇ Publix
- ◇ Kroger
- ◇ Save-a-Lot
- ◇ Walmart
- ◇ Shoprite
- ◇ Other: _____

Additionally, you should allow the people taking your survey to select more than one of the responses, since few people shop at just one store. Or you could phrase the question, "At which of these grocery stores does your family spend most of its money?" In that case, there would only be one answer, and it would tell you more specific information.

The criteria for what constitutes a “short” survey are fluid, but five questions would probably be enough to let you know what you need. A survey taker would probably become tired of answering a long list of questions or suspicious of too many, too vague, or too personal questions, making them likely to give totally honest answers. Asking what brand of shampoo someone uses is less intrusive than asking how many times a week someone washes her hair.

If you want to know about attitudes of your audience, you should write questions in an unbiased way. “Do you favor raising the minimum wage in our state to \$15.00 per hour?” is more balanced than “Do you believe that business owners in our state should be required to treat their employees better by having to raise their minimum wage to a more reasonable and fair \$15.00 per hour?” You also would not want to insult your survey takers with questions such as “Do you agree that young people whose parents brought them into this country illegally should be deported?” You also want to state the issue positively. A question like “Are you against the government repealing cuts to Medicaid?” is confusing; better, “Should the government increase or decrease Medicaid spending?”

Finally, how should you administer the survey? Today there are online tools, even free ones, for surveys; probably the most popular are Survey Monkey and Google Forms. These are easy to use and helpful for short surveys; usually you need to pay a fee for extensive surveys to large numbers of people. You can also interview people orally with surveys, but that is time-consuming and often hurts the anonymity that we expect with surveys. Your instructor may have you make photo-copies and pass them around class. Either way, knowing your audience’s level of knowledge and their attitudes about your topic ahead of time can be a helpful source in creating an audience-centered speech.

Interviews

You may also benefit from conducting an interview with a person who is knowledgeable about your topic, such as a professional with educational and career credentials in their field. Using a first-hand interview will add a great deal of credibility to your speech, if done correctly. If you are going to give a speech about the effects of the No Child Left Behind policy or the Common Core standards, it makes sense to talk to an elementary school principal for her knowledge and expertise on the issue.

However, there are good ways to do this and bad ways. Here are some valuable strategies.

1. Do the interview **AFTER** you have read some published sources on the topic, not before. You should have a good understanding of the basic issues involved. For example, if you are giving a persuasive speech on drinking and driving and you want to interview a state trooper, you should have gathered the statistics on the problem and information on the laws in your state from published sources or the Internet before interviewing the officer.

If you are interviewing a registered nurse who works in a mental health facility about the problems faced by those suffering from schizophrenia, you would want to be sure to understand the terminology of the disease, how prevalent it is, some information on causes, and how schizophrenia presents itself in a patient. You will be far more knowledgeable and able to ask good questions if you have a foundation.

2. Be sure you have chosen the right person. Another instructor at your college may not be willing to be interviewed because he or she may think you are trying to get out of doing research in published sources.
3. Make an appointment with the interviewee, and be on time for it. Likewise, assume that the person you are interviewing is busy and cannot give you lots of time. This assumption may be wrong, but it's better to go in with the expectation of limited time than to expect the person to speak with you for an hour.
4. Prepare your questions in advance and have your questions in a logical order. Do not say, "I have to give a speech on _____. What can you tell me about it?"
5. Ask the person for information you cannot get from other sources. For example, the interviewee will probably not know national statistics off the top of her head. She will know about her daily experience with the topic. The principal mentioned before will be able to talk about test score trends at her school, but not across the nation.
6. Be sure not to ask inappropriate, proprietary, or embarrassing questions. If you were interviewing a human resources officer about how the company trains employees to prevent safety hazards, he probably would not respond well to "How many workers' compensation claims has this company had to file this year?" You are not an investigative journalist.
7. Finally, write the person a thank you note or email afterward. He or she has done you a big favor, it's the right thing to do, and you might need to network with that professional later.

What to Do with All These Sources

As you prepare your speeches for this course, your instructor will probably have specific requirements for your sources. He or she might require a mix of sources in different formats. Chapters 3, 7, 9, 12, and 13 all discuss supporting material and evidence to some extent, including how to cite sources in a speech and how to avoid plagiarism. One question you might have is, **“should I cite every piece of information I find and use in the speech?”**

Some information is considered “common knowledge,” and if it is, it usually does not have to be “cited.” Usually we think of this as the general kind of historical or scientific information found in encyclopedias. That the chemical formula for water is H₂O and that it freezes at 32 degrees Fahrenheit is general knowledge. Everyone knows that. But common knowledge goes a little further. Generally, if you use ten sources for your speech, and over half of them have the same piece of information, you can consider that common knowledge.

What you would want to cite is “unique” knowledge, information you find in one source and that is both reliable and supportive of your speech. If one particular source goes into more detail and depth about a subject and provides information not found in most of the other sources, that would be “unique” and something you would cite.

Of course, another, and usually the best, option is to find the original source. If you were researching the topic of sexual harassment and found the same definition of it on several sources, you might be tempted not to cite any source for that definition. But the original source is important—the federal government’s Equal Employment Opportunity Commission. It would make sense to cite the information as coming from a federal government agency.

Conclusion

This chapter has covered a lot of information that will be useful to you in your public speaking class as well as other classes. Having a strong research foundation will give your speech interest and credibility. This chapter has shown you how to access information but also how to find reliable information and evaluate it.

Something to Think About

What do you think are the biggest obstacles to doing good research for a speech?

How would doing research for a speech, such as informative speech for this class, differ from research for a paper in a discipline class, such as psychology or history?

As you progress in your major, you will have opportunities to do undergraduate research. How do you think that will differ from the research you are doing for this course?

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Chapter 6

Organizing and Outlining Your Speech



Learning Objectives

After studying this chapter, the student will be able to:

- ◇ Explain why organization is necessary and valuable to public speaking;
- ◇ Differentiate the different types of organizational patterns;
- ◇ Choose an organizational pattern that is most logical to the speech's specific purpose;
- ◇ Construct an outline for an extemporaneous speech;
- ◇ Create connective statements that will help the audience understand the logic and structure of a speech.

Chapter Preview

- 6.1 – Why We Need Organization in Speeches
- 6.2 – Patterns of Organization
- 6.3 – Connective Statements
- 6.4 – Outlining

6.1 – Why We Need Organization in Speeches

Have you had this experience? You may have an instructor who is easy to take notes from because he or she helps you know the main ideas and gives you cues as to what is most important to write down and study for the test. And then you might have an instructor who tells interesting stories, says provocative things, and leads engaging discussions, but you have a really hard time following where the instruction is going. If so, you already know that structure makes a difference for your own listening. In this chapter we will examine why that is true and how you can translate that type of structure to your own speeches.

Significant psychological and communication research has been done about how an audience needs and desires clear organization in a speech as they listen. Those sources are listed in the references at the end of the chapter, but they are summarized here.

First, as we listen, we have limits as to how many categories of information we can keep in mind. You have probably heard that that number of items or categories is seven, or as one source says, “seven plus or minus two” (Miller, 1956; Gabriel and Mayzner, 1963; Cowan, Chen, & Rouder, 2004). In public speaking, to be on the safe side, the “minus two” is advised: in other words, you should avoid having more than five main points in a speech, and that would only be for a speech of some length where you could actually support, explain, or provide sufficient evidence for five points.

For most speeches that you would give in class, where you have about 5-7 minutes, three points is probably safe territory, although there could be exceptions, of course. It is also acceptable for short speeches to just have two main points, **if doing so supports your specific purpose**. That last phrase is bolded for emphasis because ultimately, your organization is going to depend on your specific purpose. For the purposes of your speeches in this class, each “category” could be thought of as one of your main points.

Secondly, the categories of information should be distinct, different, and clear. You might think about organization in public speaking as having three steps, which we will cover in more detail later in the chapter. These steps are grouping, labeling, and ordering (putting in order). Before you can label your main points clearly or put them in the right order, you have to group your information.

Here we might use the analogy of having a yard sale at your home, something you might have done or helped a family member to do. The first step, before putting up signs or pricing items, is to go through your closets and garage and creating “piles” of items: what you want to sell, what should probably just be discarded, what you want to keep but store elsewhere, what you might want to give away. Then you take the “sell” pile and separate it into categories such as children’s items, tools, kitchen items, furniture, etc. This second phase of sorting items is so you can put them outside on your lawn or driveway in a way people expect to see items and would be more likely to buy. You would probably not sort items by color or size, although you could. It’s just that your customers are not looking for “blue” items or “big” items as much as they are looking for kitchen items, baby clothes, or furniture.

Researchers have found that “chunking” information, that is, the way it is grouped, is vital to audience understanding, learning, and retention of information (Beighly, 1954; Bodeia, Powers, & Fitch-Hauser, 2006; Whitman & Timmis, 1975; Daniels & Whitman, 1981). How does this work in practice? When you are doing your research, you look at the articles and websites you read and say, “That information relates to what I read over here” and “That statistic fits under the idea of . . .” You are looking for similarities and patterns. That is exactly what you do when you group anything, such as the items at a yard sale, where you group according to customer interest and purpose of the items. Finally, if a piece of information you found doesn’t fit into a group as you do your research, it may just not belong in the speech. It’s what we would call “extraneous.”

A good example of this principle is if you are doing a demonstration speech. It may or may not be required in your class but is the kind of speech you may be called upon to do in your future work. For example, a nurse may be teaching patients how to do self-care for diabetes, or a computer trainer may be showing how to use software. The temptation is to treat the procedure as a list of steps, which may number as many as twenty or thirty steps.

There are very few times we can remember a list of twenty or thirty items. Yes, you learned the alphabet of 26 letters when you were a child, or all the state capitals, but you have probably forgotten how long it took. Plus, you probably learned a song to help with the alphabet, and you also did not understand the point of the alphabet; it was just something you did with other children

or to please your parents. In the case of the state capitals, you probably used flashcards or memory aids.

Adult learning and listening is different. We need information “chunked” or grouped into manageable categories. So, instead of listing twenty or thirty discrete steps in the process you are demonstrating or explaining, you would want to group the steps into three to five logical categories to help the audience’s reception and retention of the message, using the separate steps as “subpoints.”

Finally, because your audience will understand you better and perceive you as organized, you will gain more credibility as a speaker if you are organized, assuming you also have credible information and acceptable delivery (Slagell, 2013; Sharp & McClung, 1966). Yun, Costantini, and Billingsley (2012) also found a side benefit to learning to be an organized public speaker: your writing skills will improve, specifically your organization and sentence structure. This was no surprise to one of the authors, whose students often comment that they were able to organize their essays and papers for other classes much better after learning good organization principles for speaking.

6.2 - Patterns of Organization

At this point, then, you should see how much your audience needs organization. You also know that as you do research, you will group together similar pieces of information from different sources in your research. As you group your research information, you will want to make sure that your content is adhering to your specific purpose statement and will look for ways that your information can be grouped together into categories.

Interestingly, there are some standard ways of organizing these categories, which are called “patterns of organization.” In each of the examples below, you will see how the specific purpose gives shape to the organization of the speech and how each one exemplifies one of the six main organizational patterns. In each example, only the three to five main sections or “points” (Roman numerals) are given, without the other essential parts of the outline. Please note that these are simple, basic outlines for example purposes, and your instructor will of course expect much more content from the outline you submit for class.

Chronological

Specific Purpose: To describe to my classmates the four stages of rehabilitation in addiction recovery.

- I. The first stage is acknowledging the problem and entering treatment.
- II. The second stage is early abstinence, a difficult period in the rehabilitation facility.
- III. The third stage is maintaining abstinence after release from the rehab facility.
- IV. The fourth stage is advanced recovery after a period of several years.

Chronological pattern

an organizational pattern for speeches in which the main points are arranged in time order

The example above uses what is termed the **chronological pattern** of organization. Chronological always refers to time order. Since the specific purpose is about stages, it is necessary to put the four stages in the right order. It would make no sense to put the fourth stage second and the third stage first. However, chronological time can be long or short. If you were giving a speech about the history of the Civil Rights Movement, that period would cover several decades; if you were giving a speech about the process to change the oil in your car, that process takes less than an hour. The process described in the speech example above would also be long-term, that is, one taking several years. The commonality is the order of the information.

In addition, chronological speeches that refer to processes can be given for two reasons. First, they can be for understanding. A speech about recovery is to explain what happens in the addiction recovery process, but the actual process may never really happen to the audience members. That understanding may also lead them to more empathy for someone in recovery. Second, chronological or process speeches can be for action and instruction. For a speech about changing the oil in a car, your purpose is that the audience could actually change the oil in their cars after listening to the speech.

One of the problems with chronological speeches is, as mentioned before, that you would not want just a list of activities. It is important to chunk the information into three to five groups so that the audience has a framework. For example, in a speech about the history of the Civil Rights Movement, your “grouping” or “chunking” might be:

- I. The movement saw African-Americans struggling for legal recognition before the *Brown v. Board of Education* decision.
- II. The movement was galvanized and motivated by the Montgomery Bus Boycott.
- III. The movement saw its goals met in the Civil Rights Act of 1965.

It would be easy in the case of the Civil Rights Movement to list the many events that happened over more than two decades, but that could be overwhelming for the audience. In this outline, the audience is focused on the three events that pushed it forward, rather than the persons involved in the movement. You could give a speech with a focus on people, but it would be different and probably less chronological and more topical (see below).

Spatial

You can see that chronological is a highly-used organizational structure, since one of the ways our minds work is through time-orientation—past, present, future. Another common thought process is movement in space or direction, which is called the **spatial pattern**. For example:

Specific Purpose: To explain to my classmates the three regional cooking styles of Italy.

- I. In the mountainous region of the North, the food emphasizes cheese and meat.
- II. In the middle region of Tuscany, the cuisine emphasizes grains and olives.
- III. In the southern region and Sicily, the diet is based on fish and seafood.

In this example, the content is moving from northern to southern Italy, as the word “regional” would indicate. Here is a good place to note that grouping or “chunking” in a speech helps simplicity, and to meet the principle of KISS (Keep It Simple, Speaker). If you were to actually study Italian cooking in depth, sources will say there are twenty regions. But “covering” twenty regions in a speech is not practical, and while the regions would be distinct for a “foodie” or connoisseur of Italian cooking, for a beginner or general audience, three is a good place to start. You could at the end of the speech note that more in-depth study

Spatial pattern

an organizational pattern for speeches in which the main points are arranged according to movement in space or direction

would show the twenty regions, but that in your speech you have used three regions to show the similarities of the twenty regions rather than the small differences.

For a more localized example:

Specific Purpose: To explain to my classmates the layout of King Tut's pyramid.

- I. The first chamber of the tomb was antechamber.
- II. The second chamber of the tomb was the annex.
- III. The third chamber of the tomb was the burial chamber.
- IV. The last chamber of the tomb was the treasury.

For an even more localized example:

Specific Purpose: To describe to my Anatomy and Physiology class the three layers of the human skin.

- I. The outer layer is the epidermis, which is the outermost barrier of protection.
- II. The second layer beneath is the dermis.
- III. The third layer closest to the bone is the hypodermis, made of fat and connective tissue.

The key to spatial organization is to be logical in progression rather than jumping around, as in this example:

- I. The Native Americans of Middle Georgia were primarily the Creek nation.
- II. The Native Americans of North Georgia were of the Cherokee tribe nation.
- III. The Native Americans of South Georgia were mostly of the Hitchiti and Oconee tribes.

It makes more sense to start at the top (north) of the state and move down (south) or start at the bottom and move up rather than randomly discuss unconnected areas.



Topical/Parts of the Whole

The topical organizational pattern is probably the most all-purpose in that many speech topics could use it. Many subjects will have main points that naturally divide into “types of,” “kinds of,” “sorts of,” or “categories of.” Other subjects naturally divide into “parts of the whole.” However, as mentioned previously, you want to keep your categories simple, clear, distinct, and at five or fewer.

Specific Purpose: To explain to my freshmen students the concept of SMART goals.

- I. SMART goals are specific and clear.
- II. SMART goals are measurable.
- III. SMART goals are attainable or achievable.
- IV. SMART goals are relevant and worth doing.
- V. SMART goals are time-bound and doable within a time period.

Specific Purpose: To explain the four characteristics of quality diamonds.

- I. Valuable diamonds have the characteristic of cut.
- II. Valuable diamonds have the characteristic of carat.
- III. Valuable diamonds have the characteristic of color.
- IV. Valuable diamonds have the characteristic of clarity.

Specific Purpose: To describe to my audience the four main chambers of a human heart.

- I. The first chamber in the blood flow is the right atrium.
- II. The second chamber in the blood flow is the right ventricle.
- III. The third chamber in the blood flow is the left atrium.
- IV. The fourth chamber in the blood flow and then out to the body is the left ventricle.

At this point in discussing organizational patterns and looking at these examples, two points should be made about them and about speech organization in general.

First, you might look at the example about the chambers of the heart and say, “But couldn’t that be chronological, too, since that’s the order of the blood flow procedure?” Yes, it could. There will be times when a specific purpose could work with two different organizational patterns. In this case, it’s just a matter of emphasis. This speech is emphasizing the anatomy of the heart; if the speech’s specific purpose were “To explain to my classmates the flow of blood through the chambers of the heart,” the organizational pattern would be chronological but very similar (However, since the blood goes to the lungs to be oxygenated before coming back to the left atrium, that might alter the pattern some).

Another principle of organization to think about when using topical organization is “climax” organization. That means putting your strongest argument or most important point last when applicable. For example:

Specific purpose: To defend to my classmates the proposition that capital punishment should be abolished in the United States.

- I. Capital punishment does not save money for the justice system.
- II. Capital punishment does not deter crime in the United States historically.
- III. Capital punishment has resulted in many unjust executions.

In most people's minds, "unjust executions" is a bigger reason to end a practice than the cost, since an unjust execution means the loss of an innocent life and a violation of our principals. If you believe Main Point III is the strongest argument of the three, putting it last builds up to a climax.

Cause/Effect Pattern

If the specific purpose mentions words such as "causes," "origins," "roots of," "foundations," "basis," "grounds," or "source," it is a causal order; if it mentions words such as "effects," "results," "outcomes," "consequences," or "products," it is effect order. If it mentions both, it would of course be cause/effect order. This example shows a cause/effect pattern:

Specific Purpose: To explain to my classmates the causes and effects of schizophrenia.

- I. Schizophrenia has genetic, social, and environmental causes.
- II. Schizophrenia has educational, relational, and medical effects.

It should be noted, however, that a specific purpose like the last one is very broad and probably not practical for your class speeches; it would be better to focus on just causes or effects, or even just one type of cause (such as genetic causes of schizophrenia) or one type of effect (relational or social). These two



examples show a speech that deals with causes only and effects only, respectively.

Specific Purpose: To explain to my fellow Biology 1107 students the origin of the West Nile Virus epidemic in the U.S.

- I. The West Nile Virus came from a strain in a certain part of Africa.
- II. The West Nile Virus resulted from mosquitoes being imported through fruits.
- III. The West Nile Virus became more prominent due to floods in the Southeast.

Specific Purpose: To describe to my classmates the effects of a diagnosis of autism on a child's life.

- I. An autism diagnosis will affect the child's educational plan.
- II. An autism diagnosis will affect the child's social existence.
- III. An autism diagnosis will affect the child's family relationships.

Problem-Solution Pattern

The problem-solution pattern will be explored in more depth in the chapter on Persuasive Speaking because that is where it is used the most. Then, we will see that there are variations on it. The principle behind problem-solution pattern is that if you explain to an audience a problem, you should not leave them hanging without solutions. Problems are discussed for understanding and to do something about them.

Additionally, when you want to persuade someone to act, the first reason is usually that something is wrong! Even if you wanted your friends to go out to get some dinner, and they have recently eaten, you will probably be less successful because there is no problem for them—they are not hungry. Then you would have to come up with a new problem, such as you will miss their presence, which they may or may not see as a problem for them.

In another real-life example, let's say you want the members of the school board to provide more funds for music at the three local high schools in your county. What is missing

because music or arts are not funded? What is the *problem*?

Specific Purpose: To persuade the members of the school board to take action to support the music program at the school.

- I. There is a problem with eliminating extracurricular music programs in high schools.
 - A. Students who do not have extracurricular music in their lives have lower SAT scores.
 - B. Schools that do not have extracurricular music programs have more gang violence and juvenile delinquency.
- II. The solution is to provide \$200,000 in the budget to sustain extracurricular music in our high schools.
 - A. \$120,000 would go to bands.
 - B. \$80,000 would go to choral programs.

Of course, this is a simple outline and you would need to provide evidence to support the arguments, but it shows how problem-solution works. Psychologically, it makes more sense to use problem-solution rather than solution-problem. The audience will be more motivated to listen if you address needs, deficiencies, or problems in their lives rather than giving them solutions first.

Problem-Cause-Solution Pattern

A variation of the problem-solution pattern, and one that sometimes requires more in-depth exploration of an issue, is the “problem-cause-solution” pattern. If you were giving a speech on future extinction of certain animal species, it would be insufficient to just explain that numbers of species are about to become extinct. Your second point would logically have to explain the cause behind this happening. Is it due to climate change, some type of pollution, encroachment on habitats, disease, or some other reason? In many cases, you can’t really *solve* a problem without first identifying what *caused* the problem. This is similar to the organizational pattern called Monroe’s Motivated Sequence (German, Gronbeck, Ehninger & Monroe, 2012), which also requires a discussion of cause to create a logical speech.

Specific Purpose: To persuade my audience that age to obtain a driver’s license in the state of Georgia should be raised to 18.

- I. There is a problem in this country with young drivers getting into serious automobile accidents leading to many preventable deaths.
- II. One of the primary causes of this is younger drivers' inability to remain focused and make good decisions due to incomplete brain development.
- III. One solution that will help reduce the number of young drivers involved in accidents would be to raise the age for obtaining a driver's license to 18.

Some Additional Principles of Organization

It is possible that you may use more than one of these organizational patterns within a single speech. For example, the main points of your speech could be one organizational pattern and the subpoints a different one. In the spatial example above about the Native American nations of Georgia, the subpoints might be chronological (emphasizing their development over time), or they could be topical (explaining aspects of their culture).

You should also note that in all of the examples to this point (which have been kept simple for the purpose of explanation), each main point is relatively equal in emphasis; therefore, the time spent on each should be equal as well. While you are not obliged to spend exactly the same amount of time on each main point, the time spent (and the importance of the main point) should be about the same. You would not want your first Main Point to be 30 seconds long, the second one to be 90 seconds, and the third 3 minutes. For example:

Specific Purpose: To explain to my classmates the rules of baseball.

- I. Baseball has rules about equipment.
- II. Baseball has rules about numbers of players.
- III. Baseball has rules about play.

Main Point II is not really equal in importance to the other two. There is a great deal you could say about the equipment and even more about the rules of play, but the number of players would take you about ten seconds to say. If Main Point II were "Baseball has rules about the positions on the field," that would make more sense and be closer in level of importance to the other two.

To give another example, let's say you want to give a commemorative (or tribute) speech about a local veteran whom you admire.

- I. James Owens is an admirable person because he earned the Silver Star in the Korean War.
- II. James Owens is an admirable person because he served our community as a councilman for 25 years.
- III. James Owens is an admirable person because he rescued five puppies who were abandoned in his backyard.

Although Main Point III is a good thing to do, it's really not equal to Main Points I and II in importance or in the amount of time you would need to spend on it.

Next, you will also notice that in most of the examples so far, the main points are phrased using a similar sentence structure. For example, "The first chamber in the blood flow is. . ." "The second chamber in the blood flow is. . . ." This simple repetition of sentence structure is called **parallelism**, a technique useful for speakers and helpful for the audience in remembering information. It is not absolutely necessary to use it and will not always be relevant, but parallelism should be used when appropriate and effective.

In relation to the way each main point is written, notice that they are full grammatical sentences, although sometimes short and simple. For purposes of preparation, this is a good habit, and your instructor will probably require you to write your main points in full sentences. Your instructor may also expect you to write your subpoints in complete sentences as well, but he or she will discuss that with you. There are examples of the different versions of full sentence outlines provided at the ends of some chapters.

Finally, in the way you phrase the main points, be sure they are adequately labeled and clearly explain your content. Students are often tempted to write main points as directions to themselves, "Talking about the health department" or "Mention the solution." This is not helpful for you, nor will your instructor be able to tell what you mean by those phrases. "The health department provides many services for low-income residents" says something we can all understand.

Parallelism

the repetition of grammatical structures that correspond in sound, meter, and meaning

6.3 – Connective Statements

At this point, you may be thinking that preparing for public speaking does not always follow a completely linear process. In writing the specific purpose statement, you might already have a predetermined structure, and if so, the central idea or thesis sentence flows simply from the specific purpose statement and structure. In other instances, the process may not be as direct and you will need to think more deeply about the best way to organize your speech and write your central idea. Some of the examples shown above, such as the one about the chambers of the heart, fall into the “easy-to-follow” category, but others, such as the development of the Civil Rights movement, would be less easy to follow.

Also at this point, we have worked on the core of the speech: the purpose, the main idea or thesis, and the key main points, also referred to as “Roman numerals” because traditional outline format uses I. through V. for them. You will notice that we have not addressed the introduction or the conclusion. You will find that information in Chapter 8. That information is in a separate chapter and placed later because it is important and needs special emphasis, not because it is unimportant. Basically, you cannot write an introduction if you do not know what you are

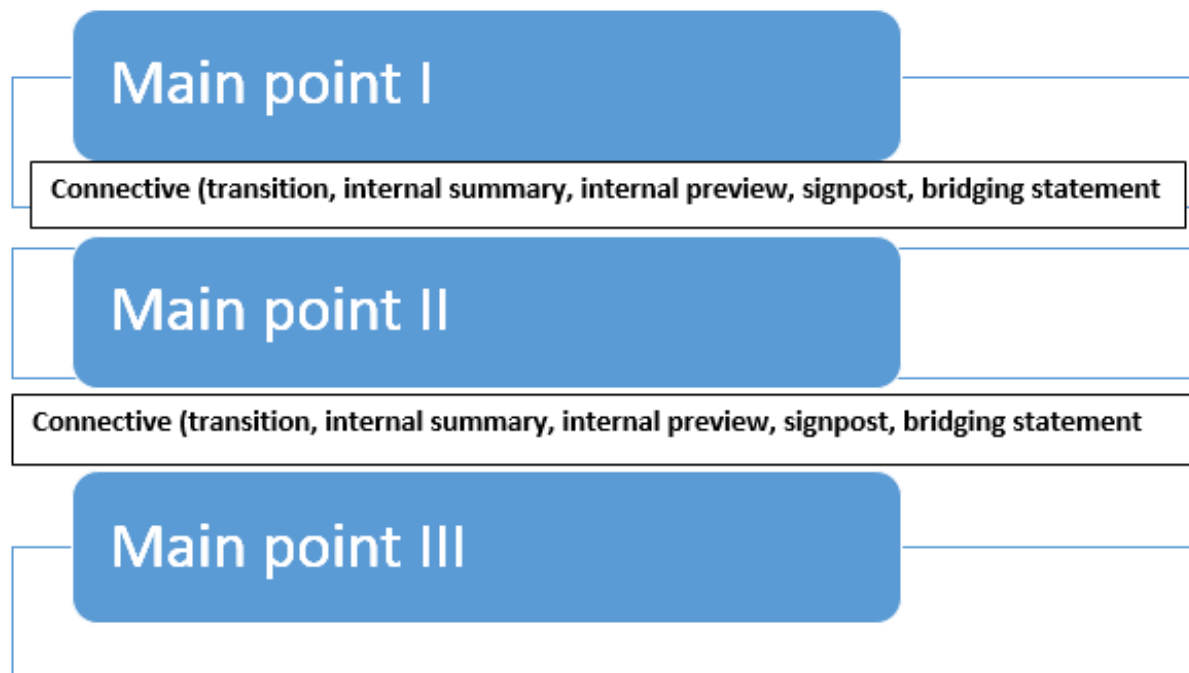


Figure 6.1—Visual of Connectives

introducing. For that reason, even if you are tempted to write your introduction first, you should probably wait until the “core” or “body” of your speech is fairly solid in your mind.

However, there is one aspect beyond the introduction and conclusion that you should prepare and not leave to chance or “ad lib” during the speech. (In fact, you really should not leave anything to chance or “ad lib” in this stage of your development as a public speaker.) That aspect is the connective statements, the subject of the next section.

Connectives

a phrase or sentence that connects various parts of a speech and shows the relationship between them

Connectives or connective statements are broad terms that encompass several types of statements or phrases, but are generally designed to help “connect” parts of your speech to make it easier for audience members to follow. Connectives are tools that add to the planned redundancy and are methods for helping the audience listen, retain information, and follow your structure. In fact, it is one thing to have a well-organized speech. It is another for the audience to be able to “consume” or understand that organization.

Connectives in general perform a number of functions:

- Remind the audience of what has come before
- Remind the audience of the central focus or purpose of the speech
- Forecast what is coming next
- Help the audience have a sense of context in the speech—where are we? (this is especially useful in a longer speech of twenty minutes or so)
- Explain the logical connection between the previous main idea(s) and next one
- Explain your own mental processes in arranging the material as you have
- Keeps the audience’s attention through repetition and a sense of movement

Connectives can include “internal summaries,” “signposting,” “internal previews” or “bridging statements.” Each of these terms all help connect the main ideas of your speech for the audience, but they have different emphases and are useful for different types of speeches.

Types of connectives and examples

Internal summaries emphasize what has come before and remind the audience of what has been covered.

“So far I have shown how the designers of King Tut’s burial tomb used the antechamber to scare away intruders and the second chamber to prepare royal visitors for the experience of seeing the sarcophagus.”

Internal previews let your audience know what is coming up next in the speech and what to expect with regard to the content of your speech.

“In this next part of the presentation I will share with you what the truly secret and valuable part of the King Tut’s pyramid: his burial chamber and the treasury.”

Transitions serve as bridges between seemingly disconnected (but related) material, most commonly between your main points.

“After looking at how the Cherokee Indians of the North Georgia mountain region were politically important until the 1840s and the Trail of Tears, we can compare their experience with that of the Indians of Central Georgia who did not assimilate in the same way as the Cherokee.”

At a bare minimum your transition is saying, “Now that we have looked at (talked about, etc.) X, let’s look at Y.”

Signposts emphasize the physical movement through the speech content and let the audience know exactly where they are. Signposting can be as simple as “First,” “Next,” “Lastly” or using numbers such as “First,” “Second,” “Third,” and “Fourth.” Signposts can also be lengthier, but in general signposting is meant to be a brief way to let your audience know where they are in the speech. It may help to think of these akin to the mile markers you see along interstates that tell you where you are or signs letting you know how many more miles until you reach your destination.

“The second aspect of baking chocolate chip cookies is to combine your ingredients in the recommended way.”

Internal summaries

a type of connective that emphasizes what has come before and remind the audience of what has been covered

Internal previews

a type of connective that emphasizes what is coming up next in the speech and what to expect with regard to the content

Transitions

a type of connective that serves as a bridge between disconnected (but related) material in a speech

Signposts

a type of connective that emphasizes physical movement through the speech content and lets the audience know exactly where they are; commonly uses terms such as First, Second, Finally



Bridging Statements

a type of connective that emphasizes moving the audience psychologically to the next part of a speech

Bridging statements emphasize moving the audience psychologically to the next step.

“I have mentioned two huge disadvantages to students who don’t have extracurricular music programs. Let me ask: Is that what we want for your students? If not, what can we do about it?”

In any speech there would be multiple ways to help the audience move with you, understand your logic, keep their attention, and remind them of where they have been and where they are going. However, there are a few pieces of advice to keep in mind about connectives.

First, connectives are for connecting. They are not for providing evidence. Save statistics, stories, examples, or new factual information for the supporting points of the main ideas of the speech. Use the connectives for the purposes listed above (review, psychological emphasis, etc.) not to provide new examples, facts, or support.

Second, remember that connectives in writing can be relatively short—a word or phrase. In public speaking, connectives need to be a sentence or two. When you first start preparing and practicing connectives, you may feel that you are being too obvious with them and they are “clunky.” Some connectives may seem to be hitting the audience over the head with them like a hammer. While it is possible to overdo connectives, and we have heard speakers do so, it is less likely than you would think. The audience will appreciate them, and as you listen to your classmates’ speeches, you will become aware of them and when they are absent. Lack of connectives results in hard-to-follow speeches where the information seems to come up unexpectedly or the speaker seems to jump to something new without warning or clarification.

The third piece of advice is that your instructor may want you to include connectives on your outlines in some way to help you start thinking about them. More experienced public speakers have developed the ability to think of transitions, internal previews and summaries, and signposts on the spot, but that talent takes many years to develop.

Fourth, you will also want to vary your connectives and not use the same one all the time. A popular transitional method is the question, such as:

“Now that you know what was in the first chamber of the King Tut’s tomb, you are probably asking, what is in the second tomb? I am glad you asked.”

While this method can occasionally be clever, usually it is not; it is just annoying. The audience didn’t ask, so you don’t want to put words in their mouths. Or this:

“The first, outer layer of the skin is the epidermis, the protection for what lies beneath. But what *does* lie beneath the epidermis?”

You should also want to avoid the word “so” too much or repeatedly.

Finally, up to this point we have only discussed connectives between the main points. In reality, you will want to think in terms of connectives between any list of subpoints. For example, going back to the example Problem-Solution speech about music in the high schools, you would want a shorter connecting phrase between Subpoint A and B under Main Point I.

“Not only do students without band or choir have lower standardized college test scores, they get involved in more illicit activities.”

Admittedly, preparing connectives between subpoints is more difficult, but you also want to avoid jumping to the next idea without warning.

6.4 – Outlining

For the purposes of this class, there are two primary types of outlines that we will discuss: preparation outlines and speaking outlines.

Preparation Outlines

Preparation outlines are comprehensive outlines that include all of the information in your speech. This is also most likely the outline that you will be required to turn in to your instructor on the days you give your speeches or in some cases, several days before you give the speech in class. Each instructor of public speaking has a slightly different method for approaching outlining. The examples given here are variations, so please attend to the exact specifications that your instructor may require.

Some instructors require students to label parts of the introduction, for example with “Attention getter” and “Credibility,” and some like the introduction to have Roman numeral points. Some may want the central idea statement underlined. Some versions of outlines consider the introduction Main Point I, and the conclusion the last main point. Some will expect all units to be full sentences, and some will require full sentences in the main points only. However, there are some parts of an extemporaneous speech outline that are always present: the specific purpose, the introduction, the central idea statement and preview, the speech body with clearly labeled units, the connectives, and the conclusion.

In Appendix B are some examples of outlines for informative, persuasive, and commemorative speeches.

Speaking Outlines

It should be clear by now that the preparation outline is something you are moving away from as you practice your speech and get ready for the delivery. As mentioned before and will be mentioned later, you must give yourself adequate time to practice the delivery of your speech—which is why procrastination is one of a public speaker’s biggest enemies. As you practice, you will be able to summarize the full preparation outline down to more usable notes. You should create a set of abbreviated notes for the actual delivery. The more materials you take up with you to the lectern, the more you will be tempted to look at them rather than have eye contact with the audience, and that will affect your grade as well as your connection with the audience.

Your speaking notes should be in far fewer words than the preparation, in key phrases, and in larger letters than the preparation outline. Your speaking outline should provide cues to yourself to “slow down,” “pause,” or “change slide.” You may want to use 4X6 or 5X7 cards (3X5 might be too small) but again, keep them to a minimum. Your authors have seen many students get their multiple cards out of order and confuse themselves and the audience. Except for any quotations that you want to say exactly as the original, you will avoid long chunks of text. An example of speaking notes on 5X7 cards is found in Figure 6.2. These three note cards would be relevant to the informative speech outline on haunted places in Gettysburg found at the end of Chapter 12.

Conclusion

The organization of your speech may not be the most interesting part to think about, but without it, great ideas will seem jumbled and confusing to your audience. Even more, good connectives will ensure your audience can follow you and understand the logical connections you are making with your main ideas.

Something to Think About

Listen to a speech by a professional speaker, such as on TedTalks, and see if you can detect their structure and use of transitions. Then talk about how they help (or don't) your understanding and retention of what they say.

ATTENTION: QUESTION**BRIDGE: MY EXPERIENCE(SLIDE)**

THESIS: Gettysburg plagued by historical events that play a role in the manifestations that haunt Gettysburg today: Devil's Den, Little Round Top, and the Hummelbaugh House.

(PAUSE AND BREATHE: YOU CAN DO THIS!)

I. Devil's Den is considered a site for paranormal activity. **(SLIDE)**

A. The Devil's Den HISTORY IN Civil War.

1. heavy fighting July 2 1863.
2. death toll 800 union and 1,800 for the Confederates. **(SLIDE)**

B. Some reported paranormal activity

1. Dennis Williams in Haunted Places there can be the sounds of drum rolls and gunshots heard.
2. Visitors reporting taking pictures of, conversations with soldier, not in picture.

Little Round Top. **(SLIDE)**

Historical significance

Union soldiers held advantage

James Brann, *America's Civil War Magazine* (November 2009)

Union Colonel Joshua Lawrence Chamberlain lead counterattack

B. Manifestations at Little Round Top

1. Filming of the movie *Gettysburg* (1993) **(SLIDE)**
2. Ghostly solders **(SLIDE)**

Figure 6.2—Speaking Notes Example

Chapter 7

Supporting Your Speech Ideas



Learning Objectives

After reading this chapter, the student will be able to:

- Explain why supporting materials are necessary;
- List the various types of verbal supporting materials;
- Discuss supporting material strengths in explaining and proving ideas and arguments;
- Incorporate supporting materials seamlessly into the speech;
- Use supporting materials ethically through correct citation.

Chapter Preview

7.1 – Why Supporting Materials are Needed

7.2 – Types of Supporting Materials

7.3 – Attention Factors and Supporting Materials

7.1 – Why Supporting Materials are Needed

As mentioned in previous chapters, preparing to give a presentation is not a totally linear process. It would be nice if the process was like following a recipe, but it loops back and forth as you move toward crafting something that will effectively present your ideas and research. Even as you practice, you will make small changes to your basic outline, since the way something looks on paper and the way it sounds are sometimes different. For example, long sentences may look intelligent on paper, but they are hard to say in one breath and hard for the audience to understand. You will also find it necessary to use more repetition or restatement in oral delivery.

Therefore, although this is the seventh chapter in the book, it deals with some concepts that we have already been thinking about in Chapters 2-6. Specifically, this chapter is about supporting materials: what they are, what they do, and how to use them effectively. But you have already been thinking about how to support your ideas when you were researching and crafting a central idea and main points. Supporting material also relates directly to Chapter 9, presentation aids. Whereas presentation aids are *visual* or *auditory* supporting materials, this chapter will deal with *verbal* supporting materials.

Using your supporting materials effectively is essential because we crave detail and specifics. Let's say you are discussing going out to eat with a friend. You suggest a certain restaurant, and your friend makes a comment about the restaurant you have not heard before or don't accept at face value, so you ask in some way for explanation, clarification, or proof. If she says, "Their servers are really rude," you might ask, "What did they do?" If she says, "Their food is delicious," you might ask what dish is good. Likewise, if she says, "The place is nasty," you will want to know what their health rating is or why she makes this statement. We want to know specifics and are not satisfied with vagueness.

Supporting material can be thought of as the specifics that make your ideas, arguments, assertions, points, or concepts real and concrete. Sometimes supporting materials are referred to as the "meat" on the bones of the outline, but we also like to think of them as pegs you create in the audience's mind to hang the ideas on. Another even more useful idea is to think of them as pillars or supports for a bridge (Figure 7.1). Without these supports, the bridge would just be a piece of concrete that would not hold up once cars start to cross it. Similarly, the points and arguments you are making in your speech may not hold up without the material to "support" what you are saying.

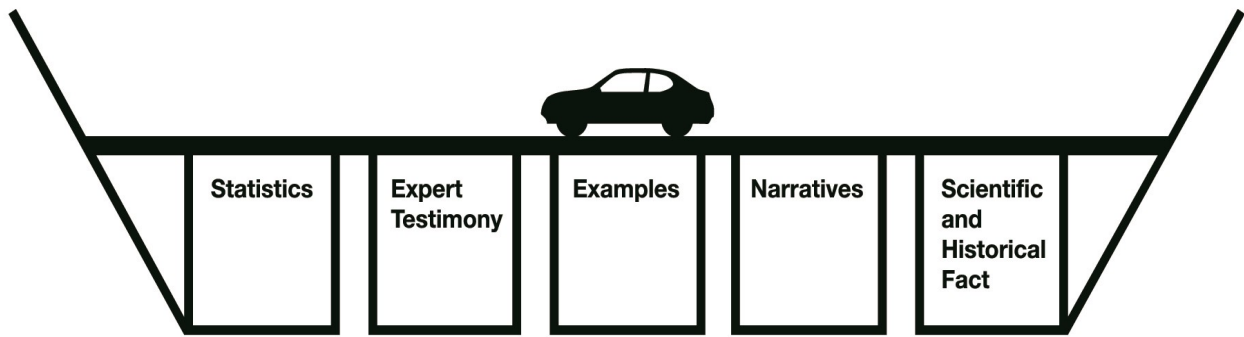


Figure 7.1

Of course, as we will see in this chapter, all supporting materials are not considered equal. Some are better at some functions or for some speeches than others. In general, there are two basic ways to think about the role of supporting materials: They either

- 1) clarify, explain, or provide specifics (and therefore understanding) for the audience, *or* they
- 2) prove and back up arguments and therefore persuade the audience. Of course, some can do both.

You might ask, how much supporting material is enough? The time you are allowed or required to speak will largely determine that. Since the supporting materials are found in the subpoints of your outline (A, B) and sub-subpoints (1, 2, etc.), you can see clearly on the outline how much you have and can omit one if time constraints demand that. However, in our experience as public speaking instructors, we find that students often struggle with having enough supporting materials. We often comment on a student's speech that we wanted the student to answer more of the "what, where, who, how, why, when," questions and add more description, proof, or evident because their ideas were vague.

Students often struggle with the difference between "main idea" and "supporting idea." For example, in this list, you will quickly recognize a commonality.

Chocolate

Vanilla

Strawberry

Butter Pecan

Of course, they are popular flavors of ice cream. The main idea is “Popular Flavors of Ice Cream” and the individual flavors are supporting materials to clarify the main idea; they “hold” it up for understanding and clarification. If the list were:

Rocky Road

Honey Jalapeno Pickle

Banana Split

Chocolate

Wildberry Lavender

you would recognize two or three as ice cream flavors (not as popular) but #2 and #5 do not fit the list (Covington, 2013). But you still recognize them as types of something and infer from the list that they have to do with ice cream flavors. “Ice cream flavors” is the general subject and the flavors are the particulars.

Those examples were easy. Let’s look at this one. One of the words in this list is the general, and the rest are the particulars.

Love

Emotion

Sadness

Disgust

Tolerance

Emotion is general category, and the others are specific emotions. Here is another:

- Spaying helps prevent uterine infections and breast cancer.
- Pets who live in states with high rates of spaying/neutering live longer.
- Your pet’s health is positively affected by being spayed or neutered.
- Spaying lessens the increased urge to roam.
- Male pets who are neutered eliminate their chances of getting testicular and prostate cancer.

Which one is the main point (the general idea), and which are the supporting points that include evidence to prove the main point? You should see that the third bullet point (“Your pet’s health is positively affected . . .”) would be a main point or argument in a speech on spaying or neutering your pet. The basic outline for the speech might look something like this:

- I. Spaying or neutering your pet is good for public health.
- II. Spaying or neutering your pet is good for your pet’s health.
- III. Spaying or neutering your pet is good for your family’s life and budget.

Of course, each of the four supporting points in this example (“helps uterine cancer in female pets, “etc.) cannot just be made up. The speaker would need to refer to or cite reliable statistics or testimony from veterinarians, researchers, public health organizations, and humane societies. For that reason, here is the more specific support, which you would use in a speech to be ethical and credible. Notice that the italicized sections in this example Main Point use statistics and specific details to support the claims being made.

- II. Spaying or neutering your pet is good for your pet’s health.
 - A. Spaying helps prevent uterine infections and breast cancer, *which is fatal in about 50 percent of dogs and 90 percent of cats*, as found in the online article “Top Ten Reasons to Spay or Neuter Your Pet,” written in 2015 and posted on the website for the American Society for the Prevention of Cruelty to Animals.
 - B. The article also states that *pets who live in the states with the highest rates of spaying/neutering also live the longest*.
 1. According to Natalie DiBlasio, writing for *USA Today* on May 7 of 2013, in Mississippi, the lowest-ranking state for pet longevity, *44% of the dogs are not neutered or spayed*.
 2. She goes on to say that other issues *affecting pet longevity have to do with climate, heartworm, and income of owners*.



- C. The Human Society of America’s website features the August 2014 article, “Why You Should Spay/Neuter Your Pet,” which states that spaying lessens their urge to roam, *exposure to fights with other animals, getting struck by cars, and other mishaps.*
- D. Also according to the same article, *male pets who are neutered eliminate their chances of getting testicular and prostate cancer.*

With all the sources available to you through reliable Internet and published sources, finding information is not difficult. Recognizing supporting information from the general idea you are trying to support or prove is more difficult, as is providing adequate citation.

Along with clarifying and proving, supporting materials, especially narrative ones, also make your speech much more interesting and attention-getting. Later in the chapter we will look at the various “factors of attention” that are related to supporting material. Ultimately, you will be perceived as a more credible speaker if you provide clarifying, **probative** (proof-giving and logical), and interesting supporting material.

7.2 – Types of Supporting Materials

Essentially, there are seven types of supporting materials: examples, narratives, definitions, descriptions, historical and scientific fact, statistics, and testimony. Each provides a different type of support, and you will want to choose the supporting materials that best help you make the point you want to get across to your audience.

Probative

having the quality or function of proving or demonstrating something; affording proof or evidence

Examples

This type of supporting material is the first and easiest to use but also easy to forget. Examples are almost always short but concrete specific instances to illuminate a concept. They are designed to give audiences a reference point. If you were describing a type of architecture, you would obviously show visual aids of it and give verbal descriptions of it, but if you could say, “You pass an example of this type of architecture every time you go downtown—City Hall.” An example must be quickly understandable, something the audience can pull out of their memory or experience quickly.

The key to effectively using examples in your speeches is this: what is an example to you may not be an example to your audience, if they have a different experience. One of the authors has been teaching for almost four decades and cannot use the same pop culture examples she used to use in class. Television shows from twenty years ago are pretty meaningless to audiences today. Time and age is not the only reason an example may not work with the audience. If you are a huge soccer fan speaking to a group who barely knows soccer, using a well-known soccer player as an example of perseverance or overcoming discrimination in the sports world may not communicate. It may only leave the audience members scratching their heads.

Additionally, one good, appropriate example is worth several less apt ones. Keep in mind that in the distinction between supporting materials that prove, those that clarify, and those that do both, examples are used to clarify.

Narratives

Earlier in this textbook the “power of story” was mentioned. Narratives, stories, and anecdotes are useful in speeches to interest the audience and clarify, dramatize, and emphasize ideas. They have, if done well, strong emotional power. They can be used in the introduction, the body, and the conclusion of the speech. They can be short (as anecdotes usually are. Think of the stories you often see in *Readers’ Digest*, human interest stories on the local news, or what you might post on Facebook about a bad experience you had at the DMV). They could be longer, although they should not comprise large portions of the speech.

Narratives can be personal, literary, historical, or hypothetical. Personal narratives can be helpful in situations where you desire to:

- Relate to the audience on a human level, especially if they may see you as competent but not really similar or connected to them.
- Build your credibility by mentioning your experience with a topic.

Of course, personal narratives must be true. They must also not portray you as more competent, experienced, brave, intelligent, etc., than you are; in other words, along with being truthful in using personal narratives, you should be reasonably humble.

An example of a literary narrative might be one of Aesop's fables, a short story by O'Henry, or an appropriate tale from another culture. Keep in mind that because of their power, stories tend to be remembered more than other parts of the speech. Do you want the story to overshadow your content? Scenes from films would be another example of a literary narrative, but as with examples, you must consider the audience's frame of reference and if they will have seen the film.

Historical narratives (sometimes called documented narratives) have power because they can also prove an idea as well as clarify one. In using these, you should treat them as fact and therefore give a citation as to where you found the historical narrative. By "historical" we do not mean the story refers to something that happened many years ago, only that it has happened in the past and there were witnesses to validate the happening.

If you were trying to argue for the end to the death penalty because it leads to unjust executions, one good example of a person who was executed and then found innocent afterward would be both emotional and probative. Here, be careful of using



theatrical movies as your source of historical narrative. Hollywood likes to change history to make the story they want. For example, many people think *Braveheart* is historically accurate, but is off on my key points—even the kilts, which were not worn by the Scots until the 1600s.

Hypothetical narratives are ones that could happen but have not yet. To be effective, they should be based on reality. Here are two examples:

Picture this incident: You are standing in line at the grocery checkout, reading the headlines on the *Star* and *National Enquirer* for a laugh, checking your phone. Then, the middle-aged man in front of you grabs his shoulder and falls to the ground, unconscious. What would you do in a situation like this? While it has probably never happened to you, people have medical emergencies in public many times a day. Would you know how to respond?

Imagine yourself in this situation. It is 3:00 in the morning. You are awakened from a pretty good sleep by a dog barking loudly in the neighborhood. You get up and see green lights coming into your house from the back yard. You go in the direction of the lights and unlock your back door and there, right beside your deck, is an alien spaceship. The door opens and visitors from another planet come out and invite you in, and for the next hour you tour their ship. You could somehow understand them because their communication abilities are far advanced from ours. Now, back to reality. If you were in a foreign country, you would not be able to understand a foreign language unless you had studied it. That is why you should learn a foreign language in college.

Obviously, the second is so “off-the-wall” that the audience would be wondering about the connection, although it definitely does attract attention. If using a hypothetical narrative, be sure that it is clear that the narrative is hypothetical, not factual. Because of their attention-getting nature, hypothetical narratives are often used in introductions.

Definitions

When we use the term “definition” here as a supporting material, we are not talking about something you can easily find from the dictionary or from the first thing that comes up on Google, such as shown in Figure 7.2.

Hypothetical narratives

a story of something that could happen but has not happened yet

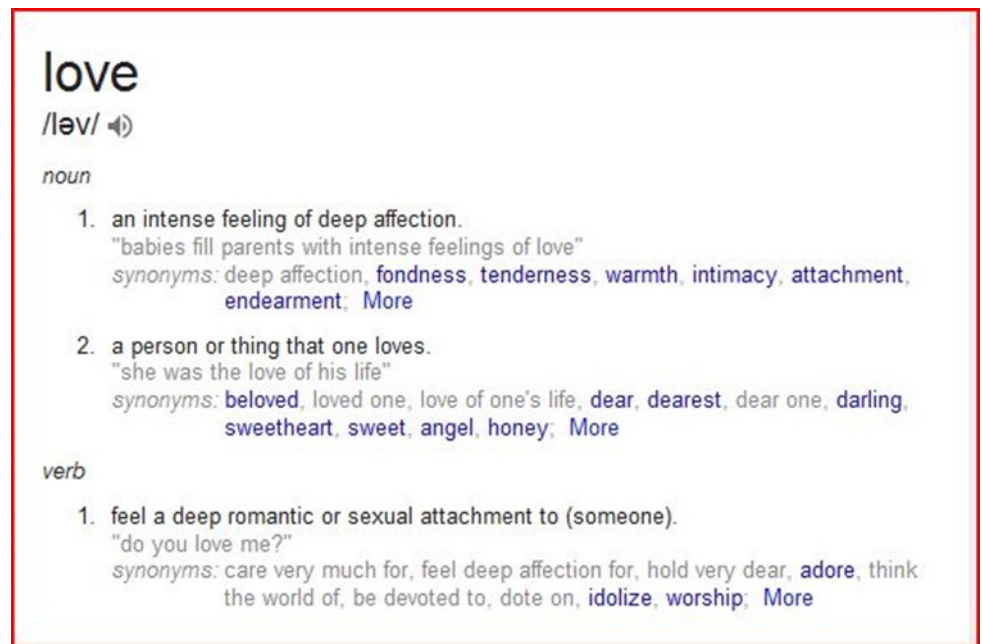


Figure 7.2—Typical dictionary definition

First, using a dictionary definition does not really show your audience that you have researched a topic (anyone can look up a definition in a few seconds). Secondly, does the audience need a definition of a word like “love,” “bravery,” or “commitment?” They may consider it insulting for you to provide them definition of those words.

To **define** means to set limits on something; defining a word is setting limits on what it means, how the audience should think about the word, and/or how you will use it. We know there are denotative and connotative definitions or meanings for words, which we usually think of as objective and subjective responses to words. Only words that the audience would be unfamiliar to the audience or words that you want to use in a specialized way need to be defined.

For example, terms used in specialized fields, often called “jargon,” (see Chapter 10) need to be defined and explained. These words may be in medicine, law, the military, technology, or the arts. Some of these words may be in foreign languages, such as Latin (*habeas corpus*, *quid pro quo*). Some of them may be acronyms; CBE is a term being used currently higher education that means “Competency Based Education.” That is part of a definition, but not a full one—what is competency based education? To answer that question, you would do best to find an officially accepted definition and cite it.

Define

to set limits on what a word or term means, how the audience should think about it, and/or how you will use it

You may want to use a **stipulated definition** early in your speech. In this case, you clearly tell the audience how you are going to use a word or phrase in your speech. “When I use the phrase ‘liberal democracy’ in this speech, I am using it in the historical sense of a constitution, representative government, and elected officials, not in the sense of any particular issues that are being debated today between progressives and conservatives.” This is a helpful technique and makes sure your audience understands you, but you would only want to do this for terms that have confusing or controversial meanings for some.

Although we tend to think of the dictionary definition as the standard, that is only one way of defining something. The dictionary tends to define with synonyms, or other words that are close in meaning. All of us have had the experience of looking up a word and finding a definition that uses another word we do not know! Synonyms are one way to define, but there are some others.

Classification and differentiation

This is a fancy way of saying “X is a type of Y, but it is different from the other Ys in that . . .” “A bicycle is type of vehicle that has two wheels, handlebars instead of a steering wheel, and is powered by the feet of the driver.” Obviously you know what a bicycle is and it does not need defining, so here are some better examples:

Laparoscopic adjustable gastric banding (LAGB) is a **(type of)** surgical procedure that **(how different)** involves the placement of an adjustable silicone belt around the upper portion of the stomach using a laparoscope. The band can be tightened by adding saline to fill the band like blowing air into a doughnut-shaped balloon. The band is connected to a port that is placed under the skin of the abdomen. This port is used to introduce or remove saline into the band.

Gestational diabetes is a **(type of)** diabetic condition **(how different)** that appears during pregnancy and usually goes away after the birth of the baby.

Social publishing platforms are a **(type of)** social medium where **(how different)** long and short-form written content can be shared with other users.

Stipulated definition

a definition with clearly defined parameters for how the word or term is being used in the context of a speech

Operational Definitions

Operational definitions give examples of an action or idea to define it. If we were to define “*quid pro quo* sexual harassment” operationally, we might use a hypothetical narrative of a female employee who is pressured by her supervisor to date him and told she must go out with him socially to get a promotion. Operational definitions do not have to be this dramatic, but they do draw a picture and answer the question, “What does this look like in real life?” rather than using synonyms to define.

Definition by Contrast or Comparison

You can define a term or concept by telling what it is similar to or different from. This method requires the audience to have an understanding of whatever you are using as the point of contrast or comparison. When alcoholism or drug addiction is defined as a disease, that is a comparison. Although not caused by a virus or bacteria, addiction disorder has other qualities that are disease-like.

When defining by contrast, you are pointing how a concept or term is distinct from another more familiar one. For example, “pop culture” is defined as different from “high culture” in that, traditionally, popular culture has been associated with people of lower socioeconomic status (i.e. less wealth or education), as compared to the “official” culture of the more highly educated within the upper classes. Here, the definition of popular culture is clarified by highlighting the differences between it and high culture.

A similar form of definition by contrast is defining by negation, which is stipulating what something *is not*. This famous quotation from Nelson Mandela is an example: “I learned that courage was not the absence of fear, but the triumph over it. The brave man is not he who does not feel afraid, but he who conquers that fear.” Here, Mandela is helping us draw limits around a concept by saying what it is *not*.

Descriptions

The key to description is to think in terms of the five senses: sight (visual; how does the thing look in terms of color, size, shape), hearing (auditory; volume, musical qualities), taste (gustatory; sweet, bitter, salty, sour, gritty, smooth, chewy), smell (olfactory; sweet, rancid, fragrant, aromatic, musky), and feel (tactile; rough, silky, nubby, scratchy). The words **kinesthetic** (movement of the body) and **organic** (feelings related to the inner workings of the body) can be added to those senses to describe internal physical feeling, such as straining muscles or pain

(**kinesthetic**) and nausea or the feelings of heightened emotions (**organic**).

Description as a method of support also depends on details, or answering the five questions of what, where, how, who, when. To use description, you must dig deeper into your vocabulary and think concretely. This example shows that progression.

Furniture

A chair

A recliner

A La-Z-Boy rocker-recliner

A green velvet La-Z-Boy rocker recliner

A lime green velvet La-Z-Boy rocker recliner with a cigarette burn on the left arm

Kinesthetic

issues related to the movement of the body or physical activity

Organic

feelings or issues related to the inner workings of the body

As you add more description, two things happen. The “camera focus” becomes clearer, but you also add tone, or attitude. A recliner is one thing, but who buys a lime green velvet recliner? And someone who sat in it smoked and was sloppy about it. In this case, the last line is probably too much description unless you want to paint a picture of a careless person with odd taste in furniture.

Description is useful as supporting material in terms of describing processes. This topic was discussed in Chapter 6 in chronological patterns of organization. Describing processes



requires detail and not taking for granted what the audience already knows. Some instructors use the “peanut butter sandwich” example to make this point: How would you describe making a peanut butter and jelly sandwich to someone who had never seen a sandwich, peanut butter, or jelly? You would need to put yourself in their shoes to describe the process and not assume they know that the peanut butter and jelly go on the inside, facing surfaces of the bread, and that two pieces of bread are involved.

Historic and Scientific Fact

This type of supporting material is useful for clarification but is especially useful for proving a point. President John Adams is quoted as saying, “Facts are stubborn things,” but that does not mean everyone accepts every fact as a fact, or that everyone is capable of distinguishing a fact from an opinion. A fact is defined by the *Urban Dictionary* as “The place most people in the world tend to think their opinions reside.” This is a humorous definition, but often true about how we approach facts. The meaning of “fact” is complicated by the context in which it is being used. The National Center for Science Education (2008) defines *fact* this way:

In science, an observation that has been repeatedly confirmed and for all practical purposes is accepted as ‘true.’ Truth in science, however, is never final and what is accepted as a fact today may be modified or even discarded tomorrow.

Another source explains fact this way:

[Fact is] a truth known by actual experience or observation. The hardness of iron, the number of ribs in a squirrel's body, the existence of fossil trilobites, and the like are all facts. Is it a fact that electrons orbit around atomic nuclei? Is it a fact that Brutus stabbed Julius Caesar? Is it a fact that the sun will rise tomorrow? None of us has observed any of these things - the first is an inference from a variety of different observations, the second is reported by Plutarch and other historians who lived close enough in time and space to the event that we trust their report, and the third is an inductive inference after repeated observations. (“Scientific Thought: Facts, Hypotheses, Theories, and all that stuff”)

Without getting into a philosophical dissertation on the meaning of truth, for our purposes facts are pieces of information

with established “backup.” You can cite who discovered the fact and how other authorities have supported it. Some facts are so common that most people don’t know where they started—who actually discovered that the water molecule is two atoms of hydrogen and one of oxygen (H₂O)? But we could find out if we wanted to (it was, by the way, the 18th century chemist Henry Cavendish). In using scientific and historical fact in your speech, do not take citation for granted. If it is a fact worth saying and a fact new to the audience, assume you should cite the source of the fact, getting as close to the original as possible.

Also, the difference between historical narrative (mentioned above) and historical fact has to do with length. An historical fact might just be a date, place, or action, such as “President Ronald Reagan was shot by John Hinckley on March 30, 1981, in front of Washington, D.C. Hilton Hotel.” An historical narratives would go into much more detail and add dramatic elements, such as this assassination attempt from the point of view of Secret Service agents.

Statistics

Statistics are misunderstood. First, the meaning of the term is misunderstood. **Statistics** are not just numbers or numerical facts. The essence of statistics is the collection, analysis, comparison, and interpretation of numerical data, understanding its comparison with other numerical data. For example, it is a numerical fact that the population of the U.S., according to the 2010 census, was 308,700,000. This is a 9.7% increase from the 2000 census, which is a statistic. However, for the purpose of simplicity, we will deal with both numerical facts and real statistics in this section.

Statistics are also misunderstood because the science of statistics is difficult. Even terms like mean, median, and mode often confuse people, much less regression analysis, two-tailed T-tests, and margin of error. Before you can use statistics in a speech, you should have a basic understanding of them.

Mean is the same as mathematical average, something you learned to do early in math classes. Add up the figures and divide by the number of figures. Related to mean is the concept of standard deviation, which is the average amount each figure is different from (higher or lower) than the average or mean. Standard deviation is harder to figure (and usually done by computer!) but it does let you know if a group is more similar than alike. If the average on a test in a class is 76, but the

Statistics

the collection, analysis, comparison, and interpretation of numerical data, understanding its comparison with other numerical data

Mean

the mathematical average for a given set of numbers

Median

the middle number in a given set of numbers

Mode

the number that is the most frequently occurring within a given set of numbers

standard deviation is 20, that tells you students tended to do really well (96) or really poorly (56) on it.

The **median**, however, is the middle number in a distribution. If all salaries of ballplayers in MLB were listed from highest to lowest, the one in the exact middle of the list would be the median. You can tell from this that it probably will not be the same as the average, and it rarely is; however, the terms “median” and “mean” are often interchanged carelessly. **Mode** is the name for the most frequently occurring number in the list. As an example, Figure 7.3 is a list of grades from highest to lowest that students might make on a midterm in a class. The placement of mean, median, and mode are noted.

Percentages have to do with ratios. There are many other terms you would be introduced to in a statistics class, but the point remains: be careful of using a statistic that sounds impressive unless you know what it represents. There is an old saying about “figures don’t lie but liars figure” and another, “There are liars, damn liars, and statisticians.” These sayings are exaggerations but they point out that we are inundated with statistical information and often do not know how to process it. Another thing to watch when using numerical facts is not to confuse your billions and your millions. There is a big difference. If you say that 43 billion people in the US are without adequate health care, you will probably confuse your audience, since the population of the planet is around 7 billion!

In using statistics, you are probably going to use them as proof more than as explanation. Statistics are considered a strong form of proof. Here are some guidelines for using them effectively in a presentation.

1. Use statistics as *support*, not as a main point. The audience may cringe or tune you out for saying, “Now I’d like to give you some statistics about the problem of gangs in our part of the state.” That sounds as exciting as reading the telephone book! Use the statistics to support an argument. “Gang activity is increasing in our region. For example, it is increasing in the three major cities. Mainsville had 450 arrests for gang activity this year alone, up 20% from all of last year.” This example ties the numerical fact (450 arrests) and the statistical comparison (up 20%) to an argument. The goal is to weave or blend the statistics seamlessly into the speech, not have them stand alone as a section of the speech.

By the way, it is common for speakers and writers to say “According to research” or “According to studies.” This tag is

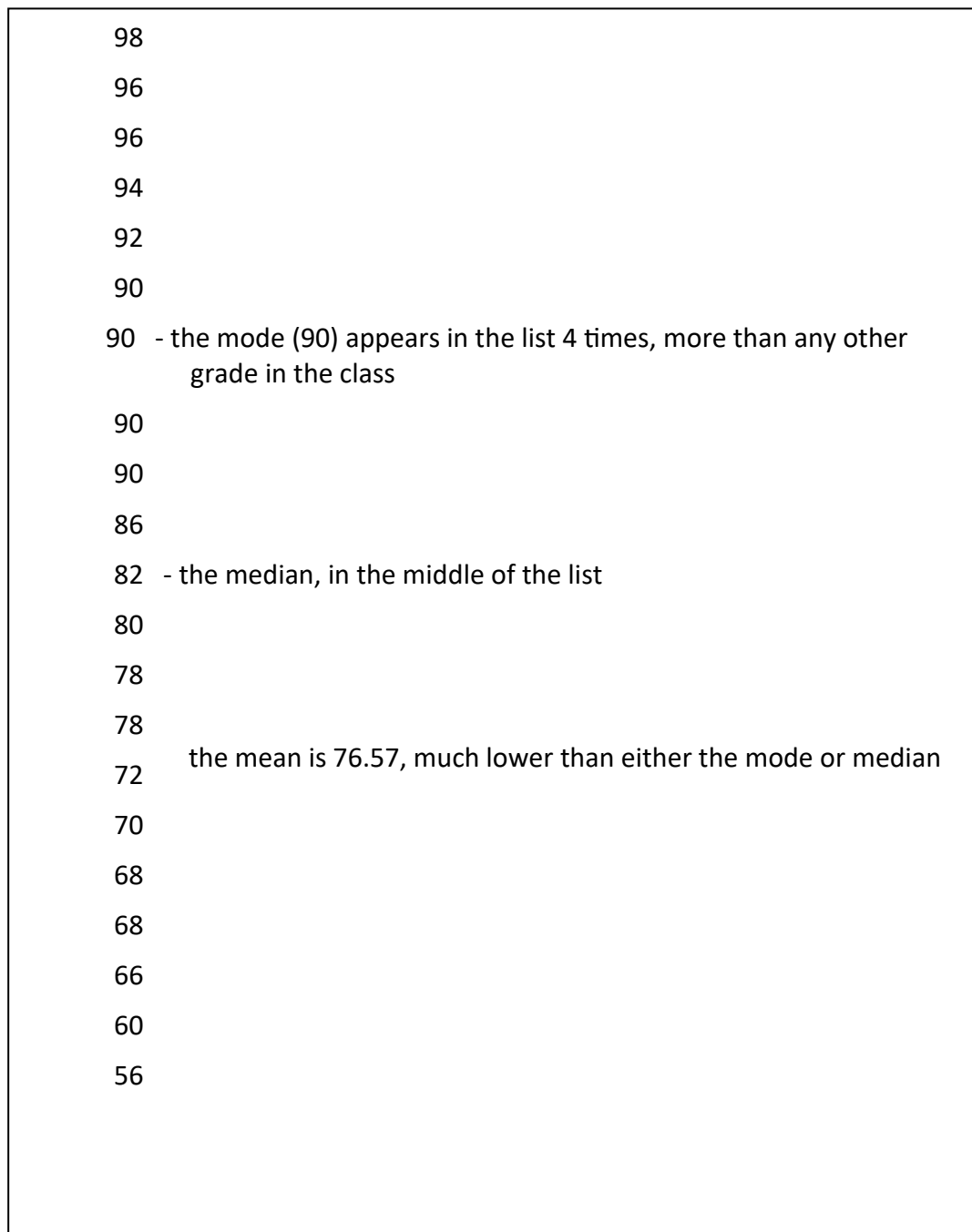


Figure 7.3—Mean, Mode, Median

essentially meaningless and actually a logical fallacy. Give a real source to support your argument.

2. Always provide the source of the statistic. In the previous example, it should read, “According to a report published on the Georgia Bureau of Investigation’s website, Mainsville had 450 arrests . . .” There are a number of “urban myth” statistics floating around that probably have a basis in some research done at some point in time, but that research was outlived by the statistic. An audience would have reason to be skeptical if

you cannot provide the name of the researcher or organization that backs up the statistics and numerical data.

3. In regard to sources, depend on the reliable ones. Table 7.1, originally published in Wrench, Goding, Johnson, and Attias (2011), lists valid websites providing statistical information.
4. Do not overuse statistics. While there is no hard and fast rule on how many to use, there are other good supporting materials and you would not want to depend on statistics alone. You want to choose the statistics and numerical data that will strengthen your argument the most and drive your point home. Statistics can have emotional power as well as probative value if used sparingly.
5. Use graphs to display the most important statistics. If you are using presentation software such as PowerPoint, you can create your own basic pie, line, or bar graphs, or you can borrow one and put a correct citation on the slide. However, you do not need to make a graph for every single statistic. More information on these types of visual aids and what type of information they convey best can be found in Chapter 9.
6. Explain your statistics as needed, but do not make your speech a statistics lesson. Explain the context of the statistics. If you say, “My blog has 500 subscribers” to a group of people who know little about blogs, that might sound impressive, but is it? You can also provide a story of an individual, and then tie the individual into the statistic. After telling a story of the daily struggles of a young mother with multiple sclerosis, you could follow up with “This is just one story in the 400,000 people who suffer from MS in the United States today, according to National MS Society.”
7. If you do your own survey or research and use numerical data from it, explain your methodology. “In order to understand the attitudes of freshmen at our college about the subject of open source textbooks, I polled 150 first-year students, only three of whom were close friends, asking them this question: ‘Do you agree that our college should encourage the faculty to use open source textbooks?’ Seventy-five percent of them indicated that they agreed with the statement.”
8. It goes without saying that you will use the statistic ethically, that there will be no distortion of what the statistic means. However, it is acceptable and a good idea to round up numerical data to avoid overwhelming the audience. In the citation above of the U.S. population from the 2010 census was a rounded figure. The actual number was 308,745,538, but

Website	Type of Information
http://www.bls.gov/bls/other.htm	Bureau of Labor Statistics provides links to a range of websites for labor issues related to a vast range of countries.
http://www.fedstats.gov	Federal Stats provides information on the US federal government.
http://bjs.ojp.usdoj.gov	Bureau of Justice Statistics provides information on crime statistics in the United States.
http://www.census.gov	US Census Bureau provides a wide range of information about people living in the United States.
http://www.cdc.gov/nchs/datawh.htm	National Center for Health Statistics is a program conducted by the US Centers for Disease Control and Prevention. It provides information on a range of health issues in the United States.
http://www.stats.org	STATS is a nonprofit organization that helps people understand quantitative data. It also provides a range of data on its website.
http://www.ropercenter.uconn.edu	Roper Center for Public Opinion provides data related to a range of issues in the United States.
http://www.nielsen.com	Nielsen provides data on consumer use of various media forms.
http://www.gallup.com	Gallup provides public opinion data on a range of social and political issues in the United States and around the world.
http://www.adherents.com	Adherents provides both domestic and international data related to religious affiliation.
http://people-press.org	Pew Research Center provides public opinion data on a range of social and political issues in the United States and around the world.

Table 7.1—Statistics-Oriented Websites

saying “almost 309 million” or “308.7 million” will serve your purposes and not be unethical.

9. Additionally, do not make statistics mean what they do not mean. Otherwise, you would be pushing the boundaries on ethics. In the example about your survey of students, if you were to say, “75% of college freshmen support . . .” That is not what the research said. Seventy-five percent of the students you surveyed indicated agreement, but since your study did not meet scientific standards regarding size of sample and how you found the sample, you can only use the information in relation to students in your college, not the whole country. One of the authors had a statistics professor who often liked to say, “Numbers will tell you whatever you want if you torture them long enough,” meaning you can always twist or manipulate statistics to meet your goals if you want to.
10. An effective technique with numerical data is to use comparisons. “The National Debt is 17 trillion dollars. What does that

mean? It means that every American citizen owes \$55,100.” “It means that if the money were stacked as hundred dollar bills, it would go to . . .” Or another example, “There are 29 million Americans with diabetes. That is 9.3%. In terms closer to home, of the 32 people in this classroom, 3 of us would have diabetes.” Of course, in this last example, the class may not be made up of those in risk groups for diabetes, so you would not want to say, “Three of us have diabetes.” It is only a comparison for the audience to grasp the significance of the topic.

11. Finally, because statistics can be confusing, slow down when you say them, give more emphasis, gesture—small ways of helping the audience grasp them.

Testimony

Testimony is the words of others. You might think of them as quoted material. Obviously, all quoted material or testimony is not the same. Some quotations you just use because they are funny, compelling, or attention-getting. They work well as openings to introductions. Other types of testimony are more useful for proving your arguments. Testimony can also give an audience insight into the feelings or perceptions of others. Testimony is basically divided into two categories: expert and peer.

Expert Testimony

What is an expert? Here is a quotation of the humorous kind: An expert is “one who knows more and more about less and less” (Nicholas Butler). Actually, an **expert** for our purposes is someone with recognized credentials, knowledge, education, and/or experience in a subject. Experts spend time studying the facts and putting the facts together. They may not be scholars who publish original research but they have in-depth knowledge. They may not have certain levels of education, but they have real-world experience in the topic.

For example, one of the authors is attending a quilt show this week to talk to experts in quilting. This expertise was gained through years of making, preserving, reading about, and showing quilts, even if they never took Quilting 101 in college. To quote an expert on expertise, “To be an expert, someone needs to have considerable knowledge on a topic or considerable skill in accomplishing something” (Weinstein, 1993). In using expert testimony, you should follow these guidelines:

- Use the expert’s testimony in his or her relevant field, not outside of it. A person may have a Nobel Prize in economics, but that does not make him or her an expert in bio-ethics.

Testimony

the words of others used as proof or evidence

Expert

someone with recognized credentials, knowledge, education, and/or experience in a subject

- Provide at least some of the expert’s relevant credentials.
- Choose experts to quote whom your audience will respect and/or whose name or affiliations they will recognize as credible.
- Make it clear that you are quoting the expert testimony verbatim or paraphrasing it. If verbatim, say “Quote . . . end of quote” (not unquote—you cannot unquote someone).
- If you interviewed the expert yourself, make that clear in the speech also. “When I spoke with Dr. Mary Thompson, principal of Park Lake High School, on October 12, she informed me that . . .”

Expert testimony is one of your strongest supporting materials to prove your arguments, but in a sense, by clearly citing the source’s credentials, you are arguing that your source is truly an expert (if the audience is unfamiliar with him or her) in order to validate his or her information.

Peer Testimony

Any quotation from a friend, family member, or classmate about an incident or topic would be **peer testimony**. It is useful in helping the audience understand a topic from a personal point of view. For example, in the spring of 2011, a devastating tornado came through the town where one of the authors and many of their students live. One of those students gave a dramatic personal experience speech in class about surviving the tornado in a building that was destroyed and literally disappeared because she and her coworkers (it was a chain restaurant) were able to get to safety in the freezer. While she may not have had an advanced degree in and field related to tornadoes or the destruction they can cause, this student certainly had a good deal of knowledge on the subject based on her experience of surviving a tornado.

7.3 – Attention Factors and Supporting Material

In Chapter 2, we discussed how public speaking as an oral form of communication is different from written forms of communication. Therefore, as a speaker, you must work to maintain the attention of your audience. In this section, we will look more deeply at attention and how you can use supporting materials to keep the audience’s attention in addition to the important functions of clarifying and proving ideas.

Peer testimony

any quotation from a friend, family member, or classmate about an incident or topic

What is Attention?

Perception

how people organize and interpret the patterns of stimuli around them

Attention

focus on one stimulus while ignoring or suppressing reactions to other stimuli

Attention and perception are closely tied concepts, but they are not exactly the same. If you have taken an introduction to psychology course, one of the earliest chapters in the textbook was probably about perception, since our perceptual processes are so foundational to how we think and process. **Perception** deals primarily with how we organize and interpret the patterns of stimuli around us. The key words in this definition are patterns, organize, and interpret. The brain does the work of taking thousands of stimuli around us and making sense of them. Sensation is taking in the stimuli in the physical realm; perception is doing something with it psychologically. Perception is obviously influenced by memory, experiences, past learning, etc. If you taste a desert, the scent and taste are physically going to your brain, and thus you are sensing it. But if you say, “This tastes like my mother’s recipe for this desert,” then you are perceiving.

Attention, on the other hand, is focused perception. **Attention** is defined as focus on one stimulus while ignoring or suppressing reactions to other stimuli. It has been referred to as the “allocation of limited processing resource” (Anderson, 2005, p. 519). Although we think we can multitask and pay attention to three things at a time, we cannot.

The diagram in Figure 7.4 might help show why multitasking is a problem rather than a benefit. In the figure, two balls from the upper chutes (which represent the two sources of stimuli, such as two auditory messages) are trying to enter the central chute at the same time. For a practical example that you can probably relate to, let’s say these balls represent watching TV and playing a game on your phone at the same time. Only one ball can go through the single chute at a time, which is representative of your focus (the ideas or tasks you can actually think about at a given moment). The “balls” or stimuli must take turns, therefore making your attention shift back and forth, affecting your ability to do one task versus the other.

When you try to pay attention to two things at once, you are going to let the information in but have to switch back and forth on the pathways, making your attention (listening, reading, processing) less efficient. This means that in our example above, you’re either going to miss something that is being said on TV or you’re going to not play the game very well because you can’t divide your focus between the two activities. Multitudes of studies have been done on how inefficient multitasking behavior is, especially for students (Weimer, 2012).

When you pay attention, you focus and other stimuli become muted or nonexistent in your mind for that amount of time. We have all had experiences when we so focused on a stimulus—it could be a concert, a movie, a roller coaster ride—that we almost “wake up” to the rest of the world when it is over. This [video](#) is a humorous look at attention.

Why Do We Pay Attention?

Perception is not something we have a good deal of control over, but we do have more say in attention. There are basically five reasons we pay attention to what we do when confronted with lots of competing stimuli.

1. We *choose* to focus on one thing over another. Plain and simple, we grit our teeth and pay attention, such as when we are making ourselves study difficult material for a test. While this is a behavior we accept as adults, as public speakers we should not expect the audience to do all the work of paying attention just because they feel a duty to do so; they probably will not. We should attempt to meet the audience half way by using our understanding of attention. We should use various techniques in our speech to help the audience pay attention.
2. Expectations. If a speaker started a lecture with “In this presentation I am going to say the word ‘serendipity,’ and when I do, the first person who jumps up and says ‘gotcha’ will get this \$100 bill.” The audience is expecting to hear something and tuning in for it. Of course, this is an extreme

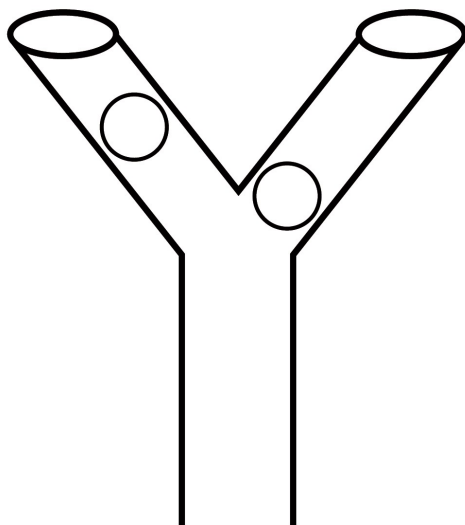


Figure 7.4 – How Attention Works

example (and we don't recommend it!) but when a speaker gives an introduction that sets up for the audience what to expect, attention can be helped.

3. **Need states.** Have you ever noticed that the hamburgers on the fast food commercials look juicier and more delicious when you are hungry? When we are in a need state, we will be focused on those items that meet the need. When your instructor begins discussing in class what you can expect on the next exam, you probably perk up a bit, since this is information students generally need to know in order to do well in the class. Because that information meets a personal need, they will be more receptive to and focused on it.
4. **Past training and experiences.** You will notice what you have been taught or trained, either directly or indirectly, to focus on. Sometimes you will not even be aware that you are doing so. For example, if you have a background in rodeo competition, you will see aspects and details in a rodeo scene in a movie that someone else would just take for granted.
5. All of these reasons for paying attention are relevant to the public speaker, but the last one is most directly usable and related to supporting material. There are certain qualities or characteristics of stimuli that naturally attract our attention. These have been termed the "factors of attention." If a public speaker puts these traits into the speech and presentation aids, the audience's ability to pay attention will be bolstered. These characteristics, listed below, are generally ways to "perk up" you audience's ears and gain their attention, at least temporarily. Our attention can wane rather quickly and a speaker must work to keep the audience engaged. Incorporating attention factors can help.

Attention Factors

The list of factors that can help you get or maintain attention during your speech is rather long, and a speaker cannot of course use all of them in one speech, but they are useful tools in certain speech situations. As you progress as a public speaker, you can use them in an "impromptu" fashion if you think the audience needs an attention boost.

The first factor in getting or maintaining attention is *movement*. A moving object will gain more attention than a stationary one. Movement is one of the factors of attention you can use in different ways. You can use stories that have movement in plot. You can use physical movement in your delivery. Transitions give a sense of movement to a speech, as well as not

dwelling on one idea too long. The animation of words and graphics in PowerPoint or other slide presentation software is another use of animation.

At the same time, because animation attracts attention and therefore distracts attention too, it should be used strategically and intentionally (for a good purpose). For example, little animated figures, pacing back and forth, and repetitive gestures are uses of movement that you would not want to use because they are not purposeful.

The second factor of attention is *conflict*. Showing ideas, groups, teams, etc. that are in conflict draws attention. Stories can also utilize conflict.

The third factor of attention is *novelty*. Your ideas and the way you approach them should be fresh and new to the audience. When we get to persuasion in Chapter 13, we will also see that evidence used to persuade an audience should be new to them.

The fourth factor of attention is *humor*. Humor is usually not the focus of your speech, especially in a class situation, but well-placed and intentional humor can be helpful to maintain attention of your audience. It should be appropriate to the topic and well-practiced. It is probably a good idea to “road test” your humor to be sure it is funny to other people. We all have our own sense of what is funny and have had experienced those times when friends or family don’t seem to “get” what we find funny. If you want to tell a joke, be sure to tell it, not read it, and practice the delivery well.

The fifth factor of attention is *familiarity*. As mentioned already, supporting materials should be immediately accessible and draw from your audience’s experience so they can understand quickly in an oral communication setting. Familiarity is attractive because it is comfortable. Familiarity may seem in conflict with novelty, and in a sense they show both sides of how our minds work. We like new things (such as the most recent design of a sports car) but we also like comfortable, familiar things (such as our favorite movie we have seen ten times already). They function differently in a speech. Familiarity works better to explain a new concept; novelty works better to pique an audience’s interest.

The sixth factor is *contrast*. This one is particularly useful to a speaker in creating visual aids so that key words stand out, for example, on presentation slides. Contrast also applies to the variety in your voice (avoiding what we would call monotone or monorate).



The seventh factor of attention is *repetition*. We have already seen how key repetitions at points in the speech can remind the audience of your structure and main ideas.

Suspense is the eighth factor of attention. Although not as useful in public speaking as some of the factors, suspense can be useful in an introduction. You can use a series of questions asking the audience to guess your topic; however, this is a risky approach if you disappoint your audience when the “real” topic is not what they are guessing. You can also tell a story in the introduction and say you will give the outcome of the story at the end of the speech, or pose a question and promise that by the end of the speech they will know the answer. However, always be sure to deliver on the promise!

The ninth factor is *proximity*, which refers to physical closeness. While not applicable to supporting materials, proximity does relate to public speaking delivery. The more physical distance between the audience members and the speaker and the audience, the harder it will be for the audience to remain attentive. If you know that only 20 people are going to attend a presentation, it is best to have it in a 20-seat room, not an auditorium that seats 100. The audience members will spread out and feel detached from each other, and it will be harder for you to be closer to them.

The tenth factor of attention is *need-oriented* subjects. We pay attention to what meets our needs. For example, when you are hungry, you probably notice fast food advertisements more on television (which advertisers recognize and use against us).

The eleventh factor is *intensity*, which is also useful in the delivery aspect of public speaking. Raising your voice at key times and or lowing down are useful for attention.

The last attention factor is *concreteness*, which in a sense describes all of them. All of the factors and types of supporting materials are tied to real or concrete experience. The more a speaker can attach the speech to real experience, either her own or preferably the audience's, the more effective she will be.

Conclusion

It is hard to imagine an effective speech without a variety of supporting materials. Think of it like cooking a flavorful cuisine—there will be a mixture of spices and tastes, not just one. Statistics, narratives and examples, testimony, definitions, descriptions, and facts all clarify your concepts for the audience, and statistics, testimony, facts, and historical examples also support logical arguments. In the process of composing your speech, be sure to provide sources and use varied and interesting language to express the support your speech ideas require and deserve.

Something to Think About

One type of supporting material that is commonly used but was not fully discussed in this chapter is quotations such as “The only limits to our realization of tomorrow will be our doubts of today” (Franklin D. Roosevelt). You can go to websites to find quotable quotes on various topics. What category (testimony, narratives, statistics, examples) would quotations such as this fall into? Would they be for proof or explanation? When would they be useful? What could be some downsides to using them? (Some of these answers are discussed in Chapter 8.)

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Chapter 8

Introductions and Conclusions



Learning Objectives

After reading this chapter, the student will be able to:

- ◇ Recognize the functions of introductions and conclusions;
- ◇ Identify the primary elements of a speech introduction;
- ◇ Identify the primary elements of a speech conclusion;
- ◇ Construct introductions and conclusions.

Chapter Preview

- 8.1 – General Guidelines for Introductions and Conclusions
- 8.2 – Structuring the Introduction
- 8.3 – Structuring the Conclusion
- 8.4 – Example Introductions and Conclusions

8.1 – General Guidelines for Introductions and Conclusions

Can you imagine how strange a speech would sound without an introduction? Or how jarring it would be if, after making a point, a speaker just walked off the podium and sat down? You would most likely be pretty confused, and the takeaway from that speech—even if the content was really good—would likely be, “I was confused” or “That was a weird speech.”

This is just one of the reasons all speeches need introductions and conclusions. Introductions and conclusions serve to frame the speech and give it a clearly defined beginning and end. They help the audience to see what is to come in the speech, and then let them mentally prepare for the end. In doing this, introductions and conclusions provide a “preview/review” of your speech as a means to reiterate to your audience what you are talking about.

If you remember back to Chapter 2, we talked about “planned redundancy” as a strategy for reminding the audience about your topic and what you are trying to accomplish with your speech. Since speeches are auditory and live, you need to make sure the audience remembers what you are saying. So one of the primary functions of an introduction is to preview what you will be covering in your speech, and in the conclusion review what you have covered. It may seem like you are repeating yourself and saying the same things over and over, but that repetition ensures that your audience understands and retains what you are saying.

The challenge, however, is that there is much more that a speaker must do in her introduction and conclusion than just preview or review her topic and main points. The roles that introductions and conclusions fulfill are numerous, and, when done correctly, can make your speech stronger. The challenge with all this, though, is that the introduction and conclusion aren’t what your audience wants or needs to hear; that is primarily contained in the body section where the bulk of your research and information will be housed. So to that end, the introduction and conclusion need to be relatively short and to the point.

The general rule is that the introduction and conclusion should each be about 10% of your total speech, leaving 80% for the body section. Let’s say that your informative speech has a time limit of 5-7 minutes: if we average that out to 6 minutes that gives us 360 seconds. Ten percent of 360 is 36, meaning your introduction should come in at just over half a minute. That isn’t to say that your speech instructor will be timing you and penalize you for hitting the 40 second mark, but rather to highlight the fact

that you need to be economical with your time. An introduction or conclusion that lasts 90 seconds is taking up 25% of your speech!

The challenge that arises from this relatively short amount of time is that there is a lot you need to get done in that 10%, and all of it is vital to establishing yourself as a knowledgeable and credible speaker. In the following sections, we will discuss specifically what you should include in the introduction and conclusion, and offer a number of options for accomplishing each.

8.2 – Structuring the Introduction

A common concern many students have as the date of their first major speech approaches is “I don’t know how I should start my speech.” What they are really saying is they aren’t sure what words will be memorable, attention-capturing, and clever enough to get their audience interested or, on a more basic level, sound good. This is a problem most speakers have, since the first words you say, in many ways, set the tone for the rest of your speech. There may not be any one “best” way to start a speech, but we can provide some helpful guidelines that will make starting a speech much easier.

With that in mind, there are five basic elements that you will want to incorporate into your introduction. And while you have some leeway to structure your introduction in a way that best fits with your speech and you wouldn’t necessarily do all of these in the order below, the following order of these five elements is fairly standard. Unless you have a specific reason to do otherwise, it is probably a pretty good order for you to use.

Element 1: Get the Audience’s Attention

The first major purpose of an introduction is to gain your audience’s attention and make them interested in what you have to say. While many audiences may be polite and not talk while you’re speaking, actually getting them to listen to what you are saying is a completely different challenge. Let’s face it—we’ve all tuned someone out at some point because we weren’t interested in what they had to say. If you do not get the audience’s attention at the outset, it will only become more difficult to do so as you continue speaking.

That’s why every speech should start with an **attention getter**, or some sort of statement or question that piques the audience’s interest in what you have to say at the very start of a speech. Sometime these are called “grabbers.” The first words out of your mouth should be something that will perk up the audience’s ears. Starting a speech with “Hey everybody. I’m going to talk to you today about soccer” already sounds boring and has

Attention getter

a statement or question that piques the audience’s interest in what you have to say at the very beginning of a speech

not tried to engage the individuals in the audience who don't care about soccer. Once your audience has deemed your speech to be boring, informing, persuading, or entertaining them becomes exponentially more difficult. So let's briefly discuss what you can do to capture your audience's attention from the onset.

First, when selecting an attention-getting device, you want to make sure that the option you choose is actually appropriate and relevant to your specific audience. Different audiences will have different backgrounds and knowledge, so you should use your audience analysis to determine whether specific information you plan on using would be appropriate for a specific audience. For example, if you're giving a speech on family units to a group of individuals over the age of sixty-five, starting your speech with a reference to the television show *Gossip Girl* may not be the best idea because the audience may be unfamiliar with that show.

You will also want to choose an attention-getting device appropriate for your speech topic. Ideally, your attention-getting device should have a relevant connection to your speech. Imagine if a speaker pulled condoms out of his pocket, yelled "Free sex!" and threw the condoms at the audience in the beginning of a speech about the economy. While this may clearly get the audience's attention, this isn't really a good way to prepare an audience for a speech about the stock market. To help you out, below we have listed a number of different attention getters that you may find useful for opening your speech.

Anecdote

An **anecdote** is a brief account or story of an interesting or humorous event. Notice the emphasis here is on the word "brief." A common mistake speakers make when telling an anecdote is to make the anecdote too long. An example of an anecdote used in a speech about the pervasiveness of technology might look something like this:

In July 2009, a high school girl named Miranda Becker was walking along a main boulevard near her home on Staten Island, New York, typing in a message on her cell phone. Not paying attention to the world around her, she took a step and fell right into an open manhole.

Notice that the anecdote is short and has a clear point. From here the speaker can begin to make his or her point about how technology is controlling our lives.

Anecdote

a brief account or story of an interesting or humorous event

A second type of anecdote is a parable or fable. A parable or fable is an allegorical anecdote designed to teach general life lessons. The most widely known parables for most Americans are those given in the Bible and the best-known fables are Aesop's Fables (<http://www.umass.edu/aesop/index.php>). So if you decide your speech will focus on the benefits of remaining in college for more than four years in order to obtain multiple degrees, you may want to adapt some version of "The Tortoise and The Hare" as your attention getter.

Startling Statement/Statistic/Fact

Another way to start your speech is to surprise your audience with startling information about your topic. Often, startling statements come in the form of statistics and strange facts. The goal of a good startling statistic is that it surprises the audience and gets them engaged in your topic. For example, if you're giving a speech about oil conservation, you could start by saying, "A Boeing 747 airliner holds 57,285 gallons of fuel." You could start a speech on the psychology of dreams by noting, "The average person has over 1,460 dreams a year."

A strange fact, on the other hand, is a statement that does not involve numbers but is equally surprising to most audiences. For example, you could start a speech on the gambling industry by saying, "There are no clocks in any casinos in Las Vegas." You could start a speech on the Harlem Globetrotters by saying, "In 2000, Pope John Paul II became the most famous honorary member of the Harlem Globetrotters." All four of these examples came from a great website for strange facts (<http://www.strangefacts.com>).

Although startling statements are fun, it is important to use them ethically. First, make sure that your startling statement is factual. The Internet is full of startling statements and claims that are simply not factual, so when you find a statement you'd like to use, you have an ethical duty to ascertain its truth before you use it and to provide a reliable citation. Second, make sure that your startling statement is relevant to your speech and not just thrown in for shock value. We've all heard startling claims made in the media that are clearly made for purposes of shock or fear mongering, such as "Do you know what common household appliance could kill you? We'll tell you at 11:00." As speakers, we have an ethical obligation to avoid playing on people's emotions in this way.

Rhetorical Question

A question to which no actual reply is expected.

A Rhetorical Question

A **rhetorical question** is a question to which no actual reply is expected. For example, a speaker talking about the history of Mother's Day could start by asking the audience, "Do you remember the last time you told your mom you loved her?" In this case, the speaker does not expect the audience to shout out an answer, but rather to think about the questions as the speech goes on.

A Story

It is sometimes helpful to begin your speech in a way that your audience finds familiar, since this can make them feel more connected to your speech. This may be particularly helpful for topics that your audience is unfamiliar with. One of the best and easiest ways to do this is to begin with a story that your audience is likely to have heard before. These types of stories come in a number of forms, but the most common ones include fables, tall tales, ghost stories, parables, fairy tales, myths, and legends.



Two primary issues that you should be aware of often arise with using stories as attention getters. First, you shouldn't let your story go on for too long. If you are going to use a story to begin your speech, you need to think of it more in terms of summarizing the story rather than actually reciting the entire thing. Even a relatively simple story like "The Tortoise and the Hare" can take a couple of minutes to get through in its entirety, so you'll need to cut it down to the main points or highlights. The second issue with using stories as attention getters is that the story must in some way relate to your speech. If you begin your speech by recounting the events in "Goldilocks and the Three Bears," your speech will in some way need to deal with finding balance or coming to a compromise about a matter. If your story doesn't relate to your topic, you will likely confuse your audience

and they may spend the remainder of your speech trying to figure out the connection rather than listening to what you have to say.

A personal story is another option here. You may consider starting your speech with a story about yourself that is relevant to your topic. Some of the best speeches are ones that come from personal knowledge and experience. If you are an expert or have firsthand experience related to your topic, sharing this information with the audience is a great way to show that you are credible during your attention getter. For example, if you had a gastric bypass surgery and you wanted to give an informative speech about the procedure, you could introduce your speech in this way:

In the fall of 2015, I decided that it was time that I took my life into my own hands. After suffering for years with the disease of obesity, I decided to take a leap of faith and get a gastric bypass in an attempt to finally beat the disease.

If you use a personal example, don't get carried away with the focus on yourself and your own life. Your speech topic is the purpose of the attention getter, not the other way around. Another pitfall in using a personal example is that it may be too personal for you to maintain your composure. For example, a student once started a speech about her grandmother by stating, "My grandmother died of cancer at 3:30 this morning." The student then proceeded to cry nonstop for five minutes. While this is an extreme example, we strongly recommend that you avoid any material that could get you upset while speaking. When speakers have an emotional breakdown during their speech, audience members stop listening to the message and become very uncomfortable.

Immediate Reference to Subject

The most direct (but probably the least interesting of the possible attention getters) is to tell your audience the subject of your speech. Here's an example:

We are surrounded by statistical information in today's world, so understanding statistics is becoming paramount to citizenship in the twenty-first century.

This sentence explicitly tells an audience that the speech they are about to hear is about the importance of understanding statistics. While this isn't the most entertaining or interesting attention getter, it is very clear and direct. And note that it justifies the importance of the audience paying attention while avoiding being

completely snooze-inducing, as it would have been if it were reworded as, “I want to talk to you about statistics.”

Reference to Audience or Appeal to Self-Interest

As we have tried to emphasize throughout this book, your audience is the single most important factor in crafting your speech, so it makes sense that one approach to opening your speech is to make a direct reference to the audience. In this case, the speaker has a clear understanding of the audience and points out that there is something unique about the audience that should make them interested in the speech’s content. Here’s an example:

As students at Dalton State, you and I know the importance of selecting a major that will benefit you in the future. In today’s competitive world, we need to study a topic that will help us be desirable to employers and provide us with lucrative careers. That’s why I want you all to consider majoring in communication.

In this example, the speaker reminds the audience of their shared status as Dalton State students and uses the common ground to acknowledge the importance of selecting a major that will benefit them in the future. Elsewhere in the book we use the expression WIIFM (What’s in it for me?) to remind you that your topic and approach should appeal to the self-interests and needs of the audience members.

Quotation

Another way to capture your listeners’ attention is to use the words of another person that relate directly to your topic. Maybe you’ve found a really great quotation in one of the articles or books you read while researching your speech. If not, you can also use a number of Internet or library sources that compile useful quotations from noted individuals. Quotations are a great way to start a speech, so let’s look at an example that could be used during the opening of a commencement address (a type of special occasion speech discussed later in Chapter 15):

The late actress and social activist Audrey Hepburn once noted that, “Nothing is impossible. The word itself says ‘I’m possible!’”

If you use a quotation as your attention getter, be sure to give the source first (as in this example) so that it isn’t mistaken as your own wording.

Reference to Current Events

Referring to a current news event that relates to your topic is often an effective way to capture attention, as it immediately

makes the audience aware of how relevant the topic is in today's world. For example, consider this attention getter for a persuasive speech on frivolous lawsuits:

On January 10 of this year, Scott Anthony Gomez, Jr., and a fellow inmate escaped from a Pueblo, Colorado, jail. During their escape the duo attempted to rappel from the roof of the jail using a makeshift ladder of bed sheets. During Gomez's attempt to scale the building, he slipped, fell forty feet, and injured his back. After being quickly apprehended, Gomez filed a lawsuit against the jail for making it too easy for him to escape.

In this case, the speaker is highlighting a news event that illustrates what a frivolous lawsuit is, setting up the speech topic of a need for change in how such lawsuits are handled.

Historical Reference

You may also capture your listeners' attention by referring to an historical event related to your topic. Obviously, this strategy is closely related to the previous one, except that instead of a recent news event you are reaching further back in history to find a relevant reference. For example, if you are giving a speech on the perception of modern music as crass or having no redeeming values, you could refer back to Elvis Presley and his musical breakout in the 1950s as a way of making a comparison:

During the mid-1950s, Elvis Presley introduced the United States to a new genre of music: rock and roll. Initially viewed as distasteful, and Presley himself chastised for his gyrating dance moves and flashy style, today he is revered as "The King of Rock 'n Roll." So when we criticize modern artists for being flamboyant or over the top, we may be ridiculing some of the most important musical innovators we will know in our lifetimes.

In this example, the speaker is evoking the audience's knowledge of the Elvis to raise awareness of similarities to current artists that may be viewed today as he was in the 1950s.

Humor

Humor is another effective method for gaining an audience's attention. Humor is an amazing tool when used properly. We cannot begin to explain all the facets of humor within this text, but we can say that humor is a great way of focusing an audience on what you are saying. However, humor is a double-edged sword. If you do not wield the sword carefully, you can turn your audience against you very quickly.



When using humor, you really need to know your audience and understand what they will find humorous. One of the biggest mistakes a speaker can make is to use some form of humor that the audience either doesn't find funny or finds offensive. Think about how incompetent the character of Michael Scott seems on the television program *The Office*, in large part because of his ineffective use of humor. We always recommend that you test out humor of any kind on a sample of potential audience members prior to actually using it during a speech. If you do use a typical narrative "joke," don't say it happened to you. Anyone who heard the joke before will think you are less than truthful!

Now that we've warned you about the perils of using humor, let's talk about how to use humor as an attention getter. Humor can be incorporated into several of the attention-getting devices mentioned. You could use a humorous anecdote, quotation, or current event. As with other attention-getting devices, you need to make sure your humor is relevant to your topic, as one of the biggest mistakes some novices make when using humor is to add humor that really doesn't support the overall goal of the speech. So when looking for humorous attention getters you want to make sure that the humor is not going to be offensive to your audience and relevant to your speech.

For example, here's a humorous quotation from Nicolas Chamfort, a French author during the sixteenth century: "The only thing that stops God from sending another flood is that the first one was useless." While this quotation could be effective for some audiences, other audiences may find this humorous quotation offensive. The Chamfort quotation could be appropriate for a speech on the ills of modern society, but probably not for a speech on the state of modern religious conflict. It also would not be

appropriate in an area that had just experienced damaging floods. You want to make sure that the leap from your attention getter to your topic isn't too complicated for your audience, or the attention getter will backfire.

This list of attention-getting devices represents a thorough, but not necessarily exhaustive, range of ways that you can begin your speech. Certainly these would be the more common attention getters that most people employ. Again, as mentioned earlier, your selection of attention getter is not only dependent on your audience, your topic, and the occasion, but also on your preferences and skills as a speaker. If you know that you are a bad storyteller, you might elect not to start your speech with a story. If you tell jokes that no one laughs at, avoid starting your speech off with humor.

To review, think back to the factors of attention in Chapter 7. The best attention getters are

1. concrete (they bring up or refer to real experiences);
2. Novel (they use material that is new or that the audience is unlikely to have heard before);
3. Movement (don't spend too long in the introduction because the audience will wonder where you are headed);
4. Need-oriented (your attention getter and introduction in general should relate to the needs or interests of the audience).

Other factors like suspense (introduce a story and finish it at the end) or conflict (telling a story with strong opposing forces and tension) can also be used.

Element 2: Establish Your Credibility

Whether you are informing, persuading, or entertaining an audience, one of the things they will be expecting is for you to know what you are talking about. So the fourth element of an introduction is to let your audience know that you are a knowledgeable and credible source for this information. To do this, you will need to explain how you know what you know about your topic.

For some people, this will be simple. If you are informing your audience how a baseball is thrown, and you have played baseball since you were eight years old, that makes you a fairly credible source. You probably know what you are talking about. So let us know that by saying something like, "Having played baseball for over ten years, including two years as the starting pitcher on my high school's varsity team, I can tell you about the

ways that pitchers use to throw different kind of balls in a baseball game.” With regard to persuasive speaking, if you are trying to convince your audience to join Big Brothers Big Sisters and you have been volunteering for years, let them know: “I’ve been serving with Big Brothers Big Sisters for the last two years, and I can tell you that the experience is very rewarding.” By telling your audience you volunteer, you are saying to them “I’m not asking you to do anything I wouldn’t do myself.” And if you do it (and have done it for two years) then it must be a good experience.

However, you may be speaking on a subject with which you have no history of credibility. If you are just curious about when streetlights were installed at intersections and why they are red, yellow, and green, you can do that. But you will still need to give your audience some sort of reason to trust your knowledge. Since you were required to do research, you are at least more knowledgeable on the subject than anyone else in the class. In this case you might say, “After doing some research and reading several books on the subject, I want to share what I’ve learned about the history and evolution of streetlights in America.”

Element 3: Establish Rapport

The next element of your introduction will be to establish rapport with your audience. **Rapport** is basically a relationship or connection you make with your audience. In everyday life, we say that two people have a rapport when they get along really well and are good friends. In your introduction, you will want to explain to your audience why you are giving them this information and why it is important to them. You will be making a connection through this shared information and explaining to them how it will benefit them. One of the best examples of rapport we have seen came from an informative speech on the poet Lord Byron:

You may be asking yourselves why you need to know about Lord Byron. If you take Humanities 1202 as I did last semester, you will be discussing his life and works, so after this speech you will have a good basis for the class material.

What is important here is that this speaker used the audience analysis techniques discussed in Chapter 2 to determine the demographic make-up of her audience and determine what would motivate them to listen. Knowing that they are all college students (as your audience will be), she enticed them to listen with the suggestion that this information would benefit them in a future class they might take.

Rapport

a relationship or connection a speaker makes with the audience

Another important thing to note here is that there is not necessarily a right or wrong way to establish rapport with your audience. You as the speaker must determine what you think will work best and help make a connection. Take for example an informative speech on “how to throw a baseball.” How would you establish rapport with your audience on that topic? Maybe you choose to focus on the age of your audience, and noting that they are all relatively young and that some of them are already parents, you might say, “A lot of people in this room have or may have children someday, and if you decide you want to throw a ball with them or help them with sports, here are three steps you can use to teach them how to throw a baseball.” Will everyone in the class have kids someday? Probably not, but it is reasonable to guess that most about your audience will relate to this approach based on a demographic analysis.

Element 4: Preview Your Topic/Purpose/Central Idea

The second major function of an introduction after getting the audience’s attention is to reveal the purpose of your speech to your audience. Have you ever sat through a speech wondering what the basic point was? Have you ever come away after a speech and had no idea what the speaker was talking about? An introduction is important because it forces the speaker to be aware of explaining the topic of the speech to the audience.

When previewing your topic in the introduction, be explicit with regard to exactly what your topic is. Spell it out for them if you have to. While it may not be great writing, the sentence “I’d like to tell you about how to properly change your car’s oil” is clear and leaves no doubt what your speech will be about. This



might be a good place for you to review the material in Chapter 4 about writing central idea statements and specific purposes.

While not a hard and fast rule, you will probably also want to avoid having the audience “guess” what your topic is through clues. Consider the following topic reveal:

Today I'd like to talk to you about a man who overcame great adversity to become the President of the United States. During his time in office he faced increasing opposition from conservative voices in government, as well as some dissension among his own party, all while being thrust into a war he didn't want.

As an attention getter, this may not be bad, but what it doesn't do is reveal the topic. The speaker at this point might assume the audience has clearly figured out who this speech is about and moved on. Unfortunately, the above passage could refer to either Abraham Lincoln or Barack Obama, and members of the audience might either be confused or disappointed when they figure out the speech isn't covering what they thought it was.

It should also be noted here that at no point in your introduction do you ever want to read your specific purpose statement as a way of revealing your topic. Your specific purpose is included on your outline as a way for your instructor's sake and to keep you on track during preparation. The language used in the specific purpose (“To inform my audience...”) is too stilted and awkward to actually be read aloud.

Element 5: Preview Your Main Points

Just like previewing your topic, previewing your main points helps your audience know what to expect throughout the course of your speech and prepares them for what you are going to speak on. Your preview of main points should be clear and easy to follow so that there is no question in your audience's minds what they are. Long, complicated, or verbose main points can get confusing. Be succinct and simple: “Today, in our discussion of Abraham Lincoln's life, we will look at his birth, his role a president, and his assassination.” From that there is little question as to what specific aspects of Lincoln's life the speech will cover. However, if you want to be extra sure they get it, you can always enumerate them by using signposts (as we discussed in Chapter 6): “In discussing how to make chocolate chip cookies, first we will cover what ingredients you need, second we will talk about how to mix them, and third we will look at baking them.”

What these five elements do is prepare your audience for the bulk of the speech (i.e. the body section) by letting them know what they can expect, why they should listen, and why they can trust you as a speaker. Having all five elements starts your speech off on much more solid ground that you would get without having them.

8.3 – Example Introductions and Conclusions

Below you will find examples of informative and persuasive introductions . Notice that each contains the five elements necessary for a good intro: an attention getter, the establishment of rapport with the audience, the speaker’s credibility, a clear topic reveal, and clearly articulated main points.

Informative Speech Introductions

Topic: Allergies

My parents knew that something was really wrong when my mom received a call from my home economics teacher saying that she needed to get to the school immediately and pick me up. This was all because of an allergy, something that everyone in this room is either vaguely or extremely familiar with. Allergies affect a large number of people, and three very common allergies include pet and animal allergies, seasonal allergies, and food allergies. All three of these allergies take control over certain areas of my life, as all three types affect me, starting when I was just a kid and continuing today. Because of this, I have done extensive research on the subject, and would like to share some of what I’ve learned with all of you today. Whether you just finished your freshman year of college, you are a new parent, or you have kids that are grown and out of the house, allergies will most likely affect everyone in this room at some point, so it will benefit you all to know more about them, specifically the three most common sources of allergies and the most recent approaches to treating them.

Topic: Seasonal Affective Disorder

When winter is approaching and the days are getting darker and shorter, do you feel a dramatic reduction in energy or do you sleep longer than usual during the fall or winter months? If you answered yes to either of these questions, you may be one of the millions of people who suffer from Seasonal Affective Disorder, or SAD. For most people these problems do not cause great suffering in their life, but for an estimated six percent of the United States population these problems can result in major suffering. As a student in the registered nursing program here at Dalton State, I became interested in SAD after learning more

about it and want to share this information with all of you in case you recognize some of these symptoms in yourself or someone you love. In order to fully understand SAD, it is important to look at the medical definition of SAD, the symptoms of this disorder, and the measures that are commonly used to ease symptoms.

Persuasive Speech Introductions

Topic: Term Life Insurance

You have cried silent tears and uttered desperate prayers, but as you watch the medical team unhook the tubes, turn off the heart monitor and shoot furtive, helpless glances your way, you face the unmistakable reality that cancer has won and you are left with unimaginable grief, despair and yes, financial burden. Most of us would not choose to cause our loved ones financial pain on top of the emotional pain of our deaths, but by failing to plan for their financial needs, that is exactly what we do. I have learned a lot about life insurance in my research for this presentation, from taking a thirteen-week course about financial matters, and from the experience of purchasing a term life insurance policy just last year. I know most of you probably have not thought much about life insurance, but someday each and every one of us in this room will pass away and somebody is going to have to pay for our funerals. Term life insurance is affordable, protects those you love from the financial devastation of your uninsured death, and reinforces your commitment to their financial and emotional well-being while you are living. Let's examine the definition of term life insurance and then its benefits.

8.4 – Structuring the Conclusion

Similar to the introduction, the conclusion has four specific elements that you will want to incorporate in order to make it as strong as possible. Given the nature of these elements and what they do, these should generally be incorporated into your conclusion in the order they are presented below.

Element 1: Signal the End

The first thing a good conclusion should do is to signal the end of a speech. You may be thinking that telling an audience that you're about to stop speaking is a "no brainer," but many speakers really don't prepare their audience for the end. When a speaker just suddenly stops speaking, the audience is left confused and disappointed. Instead, you want to make sure that audiences are left knowledgeable and satisfied with your speech. In a way, it gives them time to begin mentally organizing and cataloging all the points you have made for further consideration later.



Generally, the easiest way to signal that it is the end of your speech is to begin your conclusion with the words, "In conclusion." Similarly, "In summary" or "To conclude" work just as well. While these may seem very blunt ways of communicating the end of your speech to the audience, you want it to be extremely clear to everyone that you are wrapping things up. Certainly you can choose to employ more elegant, interesting, or creative language here, but you then run the risk of the audience not catching on to the fact that your speech is ending.

On the other hand, saying "In conclusion" (and definitely saying it more than once) can have an unintended negative effect. The audience may figure you are finished and turn you off, sort of like how we get up and leave during the credits in a movie. Therefore, you can also go straight to the summary, which is element 2.

Element 2: Restate Main Points

In the introduction of a speech you delivered a *preview* of your main points, now in the conclusion you will deliver a *review*. The reason for this stems from the fact that one of the biggest differences between written and oral communication is the necessity of repetition in oral communication (the issue of "planned redundancy" again). When you preview your main points in the introduction, effectively discuss and make transitions to your main points during the body of the speech, and finally, review the main points in the conclusion, you increase the likelihood that the audience will retain your main points after the speech is over. Remember, your English instructor can re-read your essays as many times as he or she wants, but your audience – and your instructor – only have one opportunity to catch and remember the points you are trying to get across in your speech.

Because you are trying to remind the audience of your main points, you want to be sure not to bring up any new material or ideas. For example, if you said, “There are several other issues related to this topic, such as...but I don’t have time for them,” that would make the audience confused and perhaps wonder why you did not address those in the body section. Or if you were giving a persuasive speech on wind energy and you ended with, “Wind energy is the energy of the future, but there are still a few problems with it, such as noise and killing lots of birds,” you are bringing up a counter-argument that should have been dealt with in the body of the speech.

This is a good place to remind you that the introduction, preview, transitions, and conclusion are for helping the audience be interested, prepared to listen, to retain and to follow your speech. The hard core facts and content are in the body. If you are tempted to cram lots of into the conclusion, that is not the place for it, nor is it the place to provide the important steps to a solution. The conclusion is too late for that.

As you progress as a public speaker, you will want to work on rephrasing your summary statement so that it does not sound like an exact repeat of the preview. For example, if your preview was:

The three arguments in favor of medical marijuana that I will present are that it would make necessary treatments available to all, it would cut down on the costs to law enforcement, and it would bring revenue to state budgets.

Your summary might be:

In the minutes we’ve had together, I have shown you that approving medical marijuana in our state will greatly help persons with a variety of chronic and severe conditions. Also, funds spent on law enforcement to find and convict legitimate marijuana users would go down as revenues from medical marijuana to the state budget would go up.

Clincher

something memorable with which to conclude your speech

Element 3: Clincher

The fourth and final element of your conclusion is the **clincher**, or something memorable with which to conclude your speech. The clincher is sometimes referred to as a Concluding Device, but regardless, these are the very last words you will say in your speech, so you need to make them count. This

is the last thing your audience will hear, so you want to make it good. In a certain way, you might think of your speech as a nice dinner at a fancy restaurant: the introduction is the appetizer that gets everyone ready for the main course, the body section is the “meat and vegetables,” and the conclusion is like dessert. But have you ever had a nice meal that ended with a dessert that didn’t really taste good? Regardless of how good the rest of the meal was, you probably walked away thinking, *It was okay, but I just remember not liking it at the end.* A good clincher prevents your audience from thinking that way, and in fact can even make an audience remember a speech more favorably.

In many ways the clincher is like the inverse of the attention-getter. You want to start the speech off with something strong, and you want to end the speech with something strong. To that end, similar to what we discussed above with attention getters, there are a number of ways you can make your clincher strong and memorable.

Conclude with a Challenge

One way you can end your speech is with a challenge. A challenge is a call to engage in some kind of activity that requires a contest or special effort. In a speech on the necessity of fundraising, a speaker could conclude by challenging the audience to raise 10 percent more than their original projections. In a speech on eating more vegetables, you could challenge your audience to increase their current intake of vegetables by two portions daily. In both of these challenges, audience members are being asked to go out of their way to do something different that involves effort on their part.

In a challenge, try to make it aspirational but reasonable. The challenge should be something they can strive for but not see as something impossible. Two or three more servings a day of fruits and vegetables is reasonable, but six probably would be seen as too much.

In the same category as a challenge, probably the most common persuasive concluding device is the appeal for action or the call to action. In essence, the appeal for action occurs when a speaker asks her or his audience to engage in a specific behavior. When a speaker concludes by asking the audience “to do” something, the speaker wants to see an actual change. Whether the speaker appeals for people to eat more fruit, buy a car, vote for a candidate, oppose the death penalty, or sing more in the shower, the speaker is asking the audience to engage in action.

One specific type of appeal for action is the immediate call to action. Whereas some appeals ask for people to engage in behavior in the future, the immediate call to action asks people to engage in behavior right now. If a speaker wants to see a new traffic light placed at a dangerous intersection, he or she may conclude by asking all the audience members to sign a digital petition right then and there, using a computer the speaker has made available. For a speech on eating more vegetables, pass out raw veggies and dip at the conclusion of the speech; someone giving a speech on petitioning a lawmaker for a new law could provide audience members with a prewritten e-mail they can send to the lawmaker.

If you are giving a persuasive speech about a solution to a problem, you should not relegate the call to action to the very end of the speech. It should probably be a main point where you can deal with the steps and specifics of the solution in more detail. For example, perhaps a speaker has been discussing the problems associated with the disappearance of art education in the United States. The speaker could then propose a solution of creating more community-based art experiences for school children as a way to fill this gap. Although this can be an effective conclusion, a speaker must ask herself or himself whether the solution should be discussed in more depth as a stand-alone main point within the body of the speech so that audience concerns about the proposed solution may be addressed.

Conclude with a Quotation

Another way you can conclude a speech is by providing a quotation relevant to the speech topic. When using a quotation, you need to think about whether your goal is to end on a persuasive note or an informative note. Some quotations will have a clear call to action, while other quotations summarize or provoke thought. For example, let's say you are delivering an informative speech about dissident writers in the former Soviet Union. You could end by citing this quotation from Alexander Solzhenitsyn: "A great writer is, so to speak, a second government in his country. And for that reason no regime has ever loved great writers."

Notice that this quotation underscores the idea of writers as dissidents, but it doesn't ask listeners to put forth effort to engage in any specific thought process or behavior. If, on the other hand, you were delivering a persuasive speech urging your audience to sponsor a child in a developing country for \$40 per month, you might use this quotation by Forest Witcraft: "A

hundred years from now it will not matter what my bank account was, the sort of house I lived in, or the kind of car I drove. But the world may be different, because I was important in the life of a child.” In this case, the quotation leaves the audience with the message that monetary sacrifices are worth taking, that they make our lives worthwhile, and that the right thing to do is to go ahead and make that sacrifice.

Conclude by Visualizing the Future

The purpose of a conclusion that refers to the future is to help your audience imagine the future you believe can occur. If you are giving a speech on the development of video games for learning, you could conclude by depicting the classroom of the future where video games are perceived as true learning tools. More often, speakers use visualization of the future to depict how society or how individual listeners' lives would be different, if the speaker's persuasive attempt worked. For example, if a speaker proposes that a solution to illiteracy is hiring more reading specialists in public schools, the speaker could ask her or his audience to imagine a world without illiteracy. In this use of visualization, the goal is to persuade the audience to adopt the speaker's point of view. By showing that the speaker's vision of the future is a positive one, the conclusion should help to persuade the audience to help create this future.

Conclude by Inspiration

By definition, the word **inspire** means to affect or arouse someone. Both affect and arouse have strong emotional connotations. The ultimate goal of an inspirational concluding device is similar to an “appeal for action” but the ultimate goal is more lofty or ambiguous; the goal is to stir someone's emotions in a specific manner. This is done by sharing a story, poem, or quotation that appeals to the audience basic values and therefore appeals to emotions. Stories or allusions to “underdogs” who overcame obstacles to achieve something worthwhile or those who make sacrifices for the good of others can help inspire. You probably know of such stories (Olympic athletes and a well-known figure such as Captain Sullenberg are examples) that would be of value, as long as they are relevant to your topic and purpose. Poetry is sometimes used to inspire, but you want to use a short passage (eight lines or less) of poetry that is clear to the audience.

Inspire

to affect or arouse someone's emotions in a specific, positive manner

Conclude with Advice

The next concluding device is one that should be used primarily by speakers who are recognized as expert authorities on a given subject. Advice is essentially a speaker's opinion about what should or should not be done. The problem with opinions is that everyone has them, and one person's opinion is not necessarily any more correct than another's. There needs to be a really good reason your opinion—and therefore your advice—should matter to your audience. If, for example, you are an expert in holistic medicine, you might conclude a speech on healthy living by giving advice about the benefits of alternative treatments for illnesses. If you have worked in several fast food restaurants and know some signs to look for in a clean, well-managed one, you can give some advice about those signs.

Conclude with a Question

Another way you can end a speech is to ask a rhetorical question that forces the audience to ponder an idea. Maybe you are giving a speech on the importance of the environment, so you end the speech by saying, "Think about your children's future. What kind of world do you want them raised in? A world that is clean, vibrant, and beautiful—or one that is filled with smog, pollution, filth, and disease?" Notice that you aren't actually asking the audience to verbally or nonverbally answer the question; the goal of this question is to force the audience into thinking about what kind of world they want for their children.

Refer Back to the Introduction

This method provides a good sense of closure to the speech and can be one of the most effective methods. If you started the speech with a startling statistic or fact, such as "Last year, according to the official website of the American Humane Society, four million pets were euthanized in shelters in the United States," in the end you could say, "Remember that shocking number of four million euthanized pets? With your donation of time or money to the Northwest Georgia Rescue Shelter, you can help lower that number in our region."

Conclude with an Anecdote or Personal Story

As with your attention getter, a brief story can be a strong way to conclude. However, it must be relevant and not go on too long. Combining this method and the previous one, you might finish telling a story that you started in the introduction as your

clinger. This method is probably better with persuasive speeches where you want to end with a strong emotional appeal.

Conclude with a Reference to Audience or Audience Self-Interest

The last concluding device involves a direct reference to your audience. This concluding device is used when a speaker attempts to answer the basic audience question, “What’s in it for me?” (the WIIFM question) The goal of this concluding device is to spell out the direct benefits a behavior or thought change has for audience members. For example, a speaker talking about stress reduction techniques could conclude by clearly listing all the physical health benefits stress reduction offers (e.g., improved reflexes, improved immune system, improved hearing, reduction in blood pressure). In this case, the speaker is clearly spelling out why audience members should care about the topic and what’s in it for them.

Informative versus Persuasive Conclusions

As you read through the above possible ways to conclude a speech, hopefully you noticed that some of the methods are more appropriate for persuasive speeches and others are more appropriate for informative speeches. An appeal to action, for example, may not be appropriate for an informative speech since asking your audience to do something often borders on *persuasion*, which isn’t what an informative speech is intended to do. Similarly, if your persuasive speech is on the importance of voting in the next presidential election, an appeal to action clincher would probably be one of your stronger options.

8.5—Example conclusions

Here are two examples of conclusions. More examples can be found on the outlines at the ends of Chapters 12, 13, and 15.

Informative Speech Conclusion

Topic: Anxiety

In closing, anxiety is a complex emotion that afflicts people of all ages and social backgrounds and is experienced uniquely by each individual. We have seen that there are multiple symptoms, causes, and remedies, all of which can oftentimes be related either directly or indirectly to cognitive

behaviors. While most people do not enjoy anxiety, it seems to be part of the universal human experience, so realize that you are not alone, but also realize that you are not powerless against it. With that said, the following quote, attributed to an anonymous source, could not be more true, “Worry does not relieve tomorrow of its stress; it merely empties today of its strength.”

Persuasive Speech Conclusion

Topic: Adopting a Rescue Animal

In conclusion, I believe you should adopt a rescue animal because it helps stop forms of animal cruelty, you can add a healthy companion to your home, and it is a relatively simple process that can save a life. Each and every one of you should go to your nearest animal shelter, which may include the Catoosa Citizens for Animal Care, the Humane Society of NWGA in Dalton, the Murray County Humane Society, or the multiple other shelters in the area to bring a new animal companion into your life. I’ll leave you with a paraphrased quote from Deborah Jacobs’s article [“Westminster Dog Show Junkie”](#) on *Forbes.com*: You may start out thinking that you are rescuing the animal, and ultimately find that the animal rescues you right back.”

Something to Think About

Read out loud one of the example introductions earlier in the chapter, and time your reading. If an introduction should not be longer than about 10% of the total speech time (although there can be some wiggle room on that percentage and it is not meant to be a hard and fast rule) how long would the speech attached to this introduction be? (You'll have to do math!) If you had to give a shorter speech using this introduction, how would you edit it to make it for the time limit but still be an effective introduction?

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Chapter 9

Presentation Aids in Speaking



Learning Objectives

After reading this chapter, the student will be able to:

- ◇ List and explain reasons why presentation aids are important in public speaking and how they function;
- ◇ Describe the various computer-based and non-computer-based types of presentation aids available to the students;
- ◇ Explain the correct use of various types of presentation aids;
- ◇ Design professional-looking slides using presentation software.

Chapter Preview

9.1 – What are Presentation Aids?

9.2 – Functions of Presentation Aids

9.3 – Types of Presentation Aids

9.4 – Using Presentation Slides

9.5 – Low-Tech Presentation Aids

9.1 - What Are Presentation Aids?

When you give a speech, you are presenting much more than just a collection of words and ideas. Because you are speaking “live and in person,” your audience members will experience your speech through all five of their senses: hearing, vision, smell, taste, and touch. In some speaking situations, the speaker appeals only to the sense of hearing, more or less ignoring the other senses except to avoid visual distractions by dressing and presenting himself or herself in an appropriate manner. But the speaking event can be greatly enriched by appeals to the other senses. This is the role of presentation aids.

Presentation aids are the resources beyond the speech itself that a speaker uses to enhance the message conveyed to the audience. The type of presentation aids that speakers most typically make use of are visual aids: pictures, diagrams, charts and graphs, maps, and the like. Audible aids include musical excerpts, audio speech excerpts, and sound effects. A speaker may also use fragrance samples or food samples as **olfactory** (sense of smell) or **gustatory** (sense of taste) aids. Finally, presentation aids can be three-dimensional objects, animals, and people; they can change over a period of time, as in the case of a how-to demonstration.

As you can see, the range of possible presentation aids is almost infinite. However, all presentation aids have one thing in common: To be effective, each presentation aid a speaker uses must be a direct, uncluttered example of a specific element of the speech. It is understandable that someone presenting a speech about Abraham Lincoln might want to include a photograph of him, but because everyone already knows what Lincoln looked like, the picture would not contribute much to the message unless, perhaps, the message was specifically about the changes in Lincoln’s appearance during his time in office.

Other visual artifacts are more likely to deliver information more directly relevant to the speech—a diagram of the interior of Ford’s Theater where Lincoln was assassinated, a facsimile of the messy and much-edited Gettysburg Address, or a photograph of the Lincoln family, for example. The key is that each presentation aid must directly express an idea in your speech.

Moreover, presentation aids must be used at the time when you are presenting the specific ideas related to the aid. For example, if you are speaking about coral reefs and one of your supporting points is about the location of the world’s major reefs, it would make sense to display a map of these reefs while you’re talking about location. If you display it while you are explaining

Presentation aids

the resources beyond the speech itself that a speaker uses to enhance the message conveyed to the audience

Olfactory

of or relating to the sense of smell

Gustatory

of or relating to the sense of taste

what coral actually is, or describing the kinds of fish that feed on a reef, the map will not serve as a useful visual aid—in fact, it’s likely to be a distraction.

Presentation aids must also be easy to use. At a conference on organic farming, one of the authors watched as the facilitator opened the orientation session by creating a conceptual map (or “mind map”) of our concerns using a large newsprint pad on an easel. In his shirt pocket were wide-tipped felt markers in several colors. As he was using the black marker to write the word “pollution,” he dropped the cap on the floor, and it rolled a few inches under the easel. When he bent over to pick up the cap, all the other markers fell out of his pocket. They rolled about too, and when he tried to retrieve them, he bumped the easel, causing the easel and newsprint pad to tumble over on top of him. The audience responded with amusement and thundering applause, but the serious tone of his speech was ruined. The next two days of the conference were punctuated with allusions to the unforgettable orientation speech. This is not how you will want your speech to be remembered.

To be effective, presentation aids must also be easy for the listeners to see and understand. In this chapter, we will present some principles and strategies to help you incorporate effective presentation aids into your speech. We will begin by discussing the functions that good presentation aids fulfill. Next, we will explore some of the many types of presentation aids and how best to design and utilize them. We will also describe various media that can be used for presentation aids. We will conclude with tips for successful preparation and use of presentation aids in a speech.

9.2 – Functions of Presentation Aids

Why should you use presentation aids? If you have prepared and rehearsed your speech adequately, shouldn’t a good speech with a good delivery be enough to stand on its own? While it is true that impressive presentation aids will not rescue a poor speech, it is also important to recognize that a good speech can often be made even better by the strategic use of presentation aids. Presentation aids can fulfill several functions: they can serve to improve your audience’s understanding of the information you are conveying, enhance audience memory and retention of the message, add variety and interest to your speech, and enhance your credibility as a speaker. Let’s examine each of these functions.

Improving Audience Understanding

Human communication is a complex process that often leads to misunderstandings. If you are like most people, you can

easily remember incidents when you misunderstood a message or when someone else misunderstood what you said to them. Misunderstandings happen in public speaking just as they do in everyday conversations.

One reason for misunderstandings is the fact that perception and interpretation are highly complex individual processes. Most of us have seen the image in which, depending on your perception, you see either the outline of a vase or the facial profiles of two people facing each other (seen [here](#)). Or perhaps you have seen the image of the woman who may or may not be young, depending on your frame of reference at the time (seen [here](#)). This shows how interpretations can differ, and it means that your presentations must be based on careful thought and preparation to maximize the likelihood that your listeners will understand your presentations as you intend them to do so.

As a speaker, one of your basic goals is to help your audience understand your message. To reduce misunderstanding, presentation aids can be used to clarify or to emphasize.

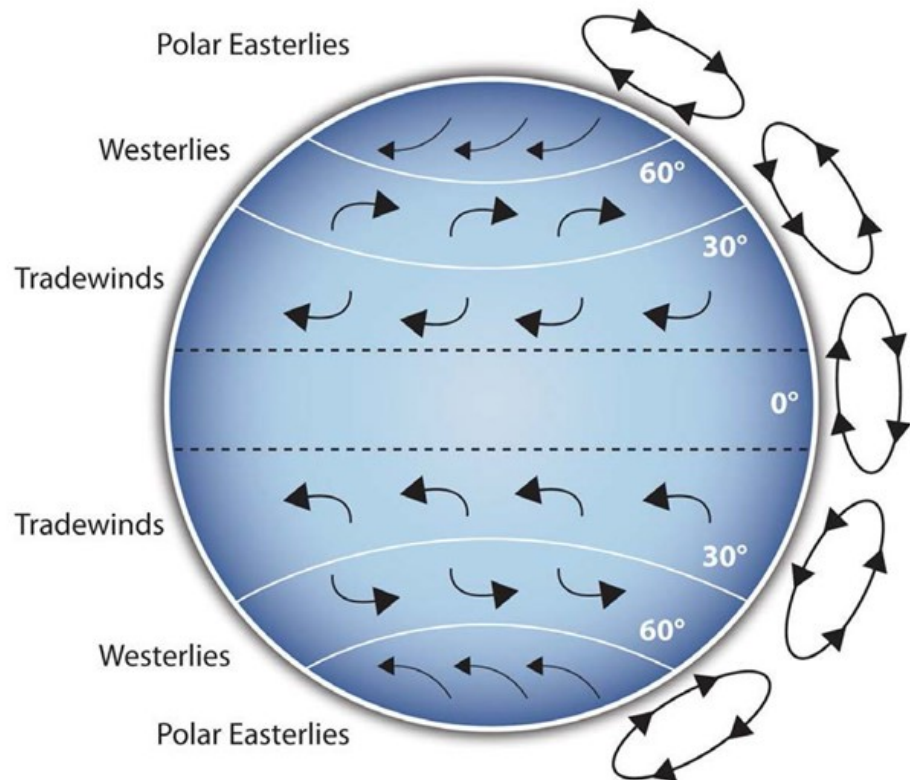


Figure 9.1—Coriolis Effect

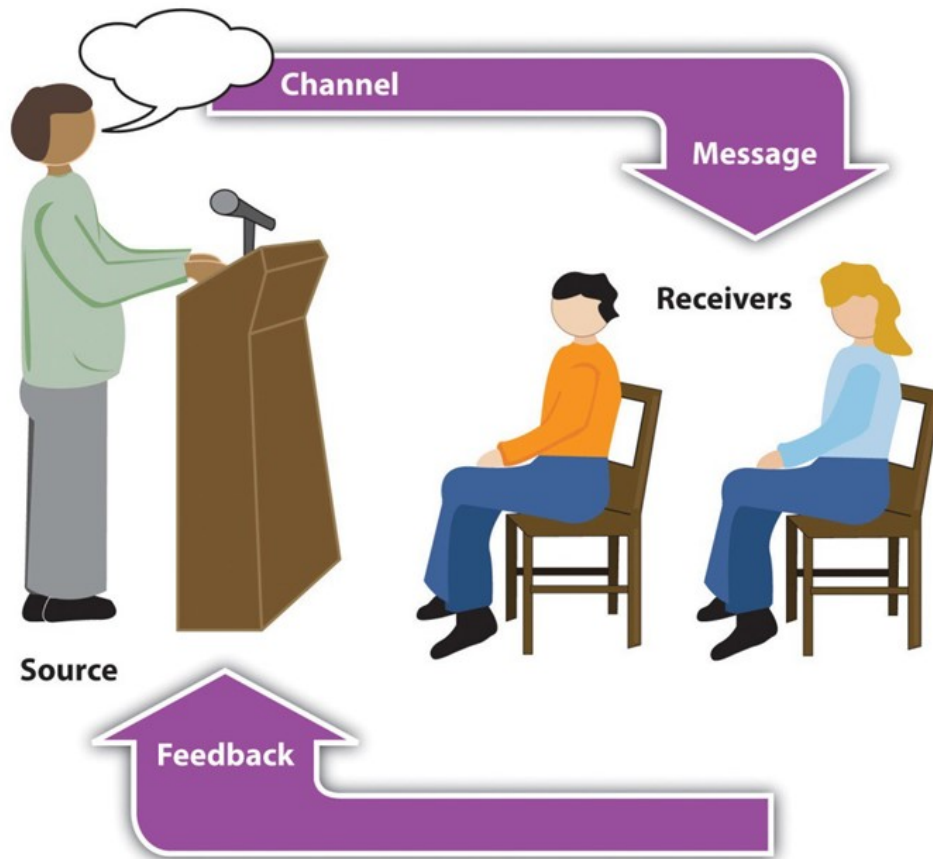


Figure 9.2—Model of Communication

Clarifying

Clarification is important in a speech because if some of the information you convey is unclear, your listeners will come away puzzled or possibly even misled. Presentation aids can help clarify a message if the information is complex or if the point being made is a visual one.

If your speech is about the impact of the Coriolis Effect on tropical storms, for instance, you will have great difficulty clarifying it without a diagram because the process is a complex one. The diagram in Figure 9.1 ("Coriolis Effect") would be effective because it shows the audience the interaction between equatorial wind patterns and wind patterns moving in other directions. The diagram allows the audience to process the information in two ways: through your verbal explanation and through the visual elements of the diagram. Figure 9.2 ("Model of Communication") is another example of a diagram that maps out the process of human communication. In this image you clearly have a speaker and an audience (albeit slightly abstract), with the labels of source, channel, message, receivers, and feedback to illustrate the basic



Figure 9.3—Petroglyph example

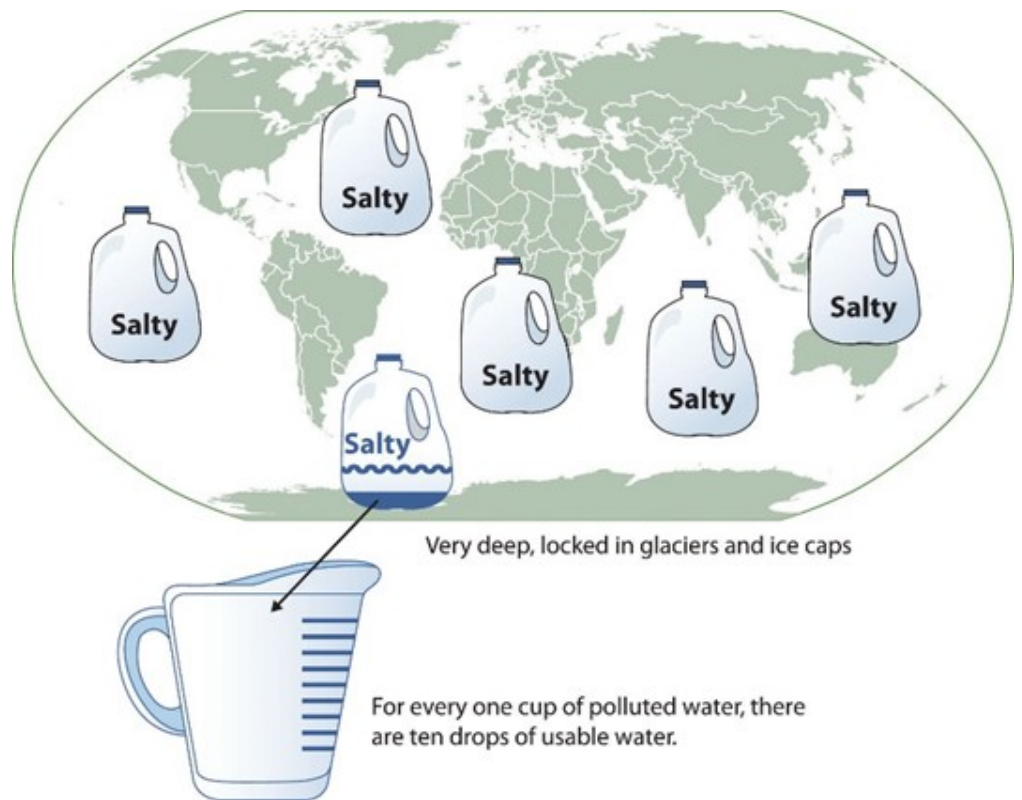


Figure 9.4—Planetary Water Supply

model of human communication.

Another aspect of clarifying occurs when a speaker wants to visually help audience members understand a visual concept. For example, if a speaker is talking about the importance of petroglyphs in Native American culture, just describing the petroglyphs won't completely help your audience to visualize what they look



Figure 9.5—Chinese Lettering Amplified

Source: Image courtesy of Wikimedia, <http://commons.wikimedia.org/wiki/>

like. Instead, showing an example of a petroglyph, as in Figure 9.3 ("Petroglyph") can more easily help your audience form a clear mental image of your intended meaning.

Emphasizing

When you use a presentational aid for emphasis, you impress your listeners with the importance of an idea. In a speech on water conservation, you might try to show the environmental proportions of the resource. When you use a conceptual drawing like the one in Figure 9.4 ("Planetary Water Supply"), you show that if the world water supply were equal to ten gallons, only ten drops would be available and drinkable for human or household consumption. This drawing is effective because it emphasizes the scarcity of useful water and thus draws attention to this important information in your speech.

Another way of emphasizing that can be done visually is to zoom in on a specific aspect of interest within your speech.

In Figure 9.5 ("Chinese Lettering Amplified"), we see a visual aid used in a speech on the importance of various parts of Chinese characters. On the left side of the visual aid, we see how the characters all fit together, with an emphasized version of a single character on the right.

Aiding Retention and Recall

The second function that presentation aids can serve is to increase the audience's chances of remembering your speech. An article by the U.S. Department of Labor (1996) summarized research on how people learn and remember. The authors found that "83% of human learning occurs visually, and the remaining 17% through the other senses—11% through hearing, 3.5% through smell, 1% through taste, and 1.5% through touch." The researchers also found that the people involved in the research retained 10 percent of what they heard from an oral presentation, 35 percent from a visual presentation, and 65 percent from a visual and oral presentation (Lockard & Sidowski, 1961). It's amazing to see how the combined effect of both the visual and oral components can contribute to long-term memory.

For this reason, exposure to an image can serve as a memory aid to your listeners. When your graphic images deliver information effectively and when your listeners understand them clearly, audience members are likely to remember your message long after your speech is over. Moreover, people often are able to remember information that is presented in sequential steps more easily than if that information is presented in an unorganized pattern. When you use a presentation aid to display the organization of your speech (such as can be done with PowerPoint slides), you will help your listeners to observe, follow, and remember the sequence of information you conveyed to them. This is why some instructors display a lecture outline for their students to follow during class and why a slide with a preview of your main points can be helpful as you move into the body of your speech.

An added plus of using presentation aids is that they can boost *your* memory while you are speaking. Using your presentation aids while you rehearse your speech will familiarize you with the association between a given place in your speech and the presentation aid that accompanies that material.

Adding Variety and Interest

A third function of presentation aids is simply to make your speech more interesting. For example, wouldn't a speech on varieties of roses have greater impact if you accompanied your remarks with a picture of each rose? You can imagine that your audience

would be even more enthralled if you had the ability to display an actual flower of each variety in a bud vase. Similarly, if you were speaking to a group of gourmet cooks about Indian spices, you might want to provide tiny samples of spices that they could smell and taste during your speech.

Enhancing a Speaker's Credibility

Presentation aids alone will not be enough to create a professional image. As we mentioned earlier, impressive presentation aids will not rescue a poor speech. However, even if you give a good speech, you run the risk of appearing unprofessional if your presentation aids are poorly executed. Conversely, a high quality presentation will contribute to your professional image. This means that in addition to containing important information, your presentation aids must be clear, clean, uncluttered, organized, and large enough for the audience to see and interpret correctly. Misspellings and poorly designed presentation aids can damage your credibility as a speaker.

In addition, make sure that you give proper credit to the source of any presentation aids that you take from other sources. Using a statistical chart or a map without proper credit will detract from your credibility, just as using a quotation in your speech without credit would. This situation will usually take place with digital aids such as PowerPoint slides. The source of a chart or the data shown in a chart form should be cited at the bottom the slide.

If you focus your efforts on producing presentation aids that contribute effectively to your meaning, that look professional, and that are handled well, your audience will most likely appreciate your efforts and pay close attention to your message. That attention will help them learn or understand your topic in a new way and will thus help the audience see you as a knowledgeable, competent, and credible speaker. With the prevalence of digital communication, the audience expectation of quality visual aids has increased.

Avoiding Problems with Presentation Aids

Using presentation aids can come with some risks. However, with a little forethought and adequate practice, you can choose presentation aids that enhance your message and boost your professional appearance in front of an audience. One principle to keep in mind is to use only as many presentation aids as necessary to present your message or to fulfill your classroom assignment. The number and the technical sophisti-

cation of your presentation aids should never overshadow your speech.

Another important consideration is technology. Keep your presentation aids within the limits of the working technology available to you. Whether or not your classroom technology works on the day of your speech, you will still have to present. What will you do if the computer file containing your slides is corrupted? What will you do if the easel is broken? What if you had counted on stacking your visuals on a table that disappears right when you need it?

You must be prepared to adapt to an uncomfortable and scary situation. This is why we urge students to go to the classroom well ahead of time to test the equipment and ascertain the condition of items they're planning to use. As the speaker, you are responsible for arranging the things you need to make your presentation aids work as intended. Carry a roll of duct tape so you can display your poster even if the easel is gone. Find an extra chair if your table has disappeared. Test the computer setup. Have your slides on a flash drive AND send it to yourself as an attachment or post to a Cloud service. Have an alternative plan prepared in case there is some glitch that prevents your computer-based presentation aids from being usable. And of course, you must know how to use the technology.

More important than the method of delivery is the audience's ability to see and understand the presentation aid. It must deliver clear information, and it must not distract from the message. Avoid overly elaborate presentation aids because they can distract the audience's attention from your message. Instead, simplify as much as possible, emphasizing the information you want your audience to understand.

Another thing to remember is that presentation aids do not "speak for themselves." When you display a visual aid, you should explain what it shows, pointing out and naming the most important features. If you use an audio aid such as a musical excerpt, you need to tell your audience what to listen for. Similarly, if you use a video clip, it is up to you as the speaker to point out the characteristics in the video that support the point you are making—but probably beforehand, so you are not speaking over the video. At the same time, a visual aid should be quickly accessible to the audience. This is where simplicity comes in. Just as in organization of a speech you would not want to use 20 main points. But more like 3-5, you should limit categories of information on a visual aid.

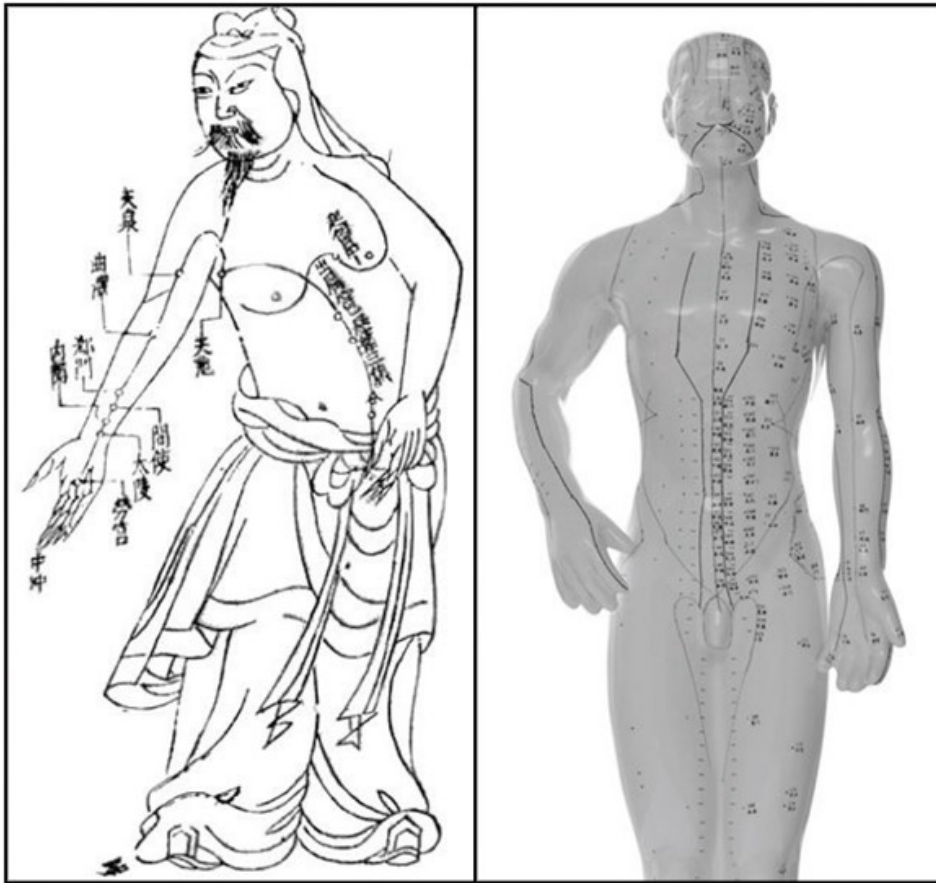


Figure 9.6 – Acupuncture Charts

Source: Image on the left from Wikimedia, http://commons.wikimedia.org/wiki/File:Acupuncture_chart_300px.jpg.

Image on the right © Thinkstock

Congenital Anomalies	Relative Risk	Number of Smokers N = 1,943	Number of Nonsmokers N = 16,073	95% CI	p-Value
Cardiovascular System	1.56	43	217	1.12–2.19	$p < .01$
Skeletal System	1.11	19	139	0.68–1.82	NS
Hematologic System	1.39	20	121	0.86–2.25	NS
Nervous System	1.30	4	25	0.91–1.86	NS
Pulmonary System	1.25	7	39	0.55–2.84	NS
Gastrointestinal System	0.54	1	17	0.07–4.11	NS

Figure 9.7– Birth Weight Chi-Square

Source: Woods, S. E., & Raju, U. (2001).

9.3 – Types of Presentation Aids

Now that we've explored some basic hints for preparing visual aids, let's look at the most common types of visual aids: charts, graphs, representations, objects/models, and people.

Charts

A **chart** is commonly defined as a graphical representation of data (often numerical) or a sketch representing an ordered process. Whether you create your charts or do research to find charts that already exist, it is important for them to exactly match the specific purpose in your speech. [Figure 9.6 \("Acupuncture Charts"\)](#) shows two charts related to acupuncture. Although both charts are good, they are not equal. One chart might be useful in a speech about the history and development of acupuncture while the other chart would be more useful for showing the locations of meridians (the lines along which energy is thought to flow) and the acupuncture points.

The rest of this section will explore three common types of charts: statistical charts, sequence-of-steps chart, and decision trees.

Statistical Charts

For most audiences, statistical presentations must be kept as simple as possible, and they must be explained. The statistical chart shown in [Figure 9.7 \("Birth Weight Chi-Square"\)](#) is from a study examining the effects of maternal smoking on a range of congenital birth defects. Unless you are familiar with statistics, this chart may be very confusing. When visually displaying information from a quantitative study, you need to make sure that you understand the material and can successfully and simply explain how one should interpret the data. If you are unsure about the data yourself, then you should probably not use this type of information. This is surely an example of a visual aid that, although it delivers a limited kind of information, does not speak for itself. On the other hand, if you are presenting to an upper level or graduate class in health sciences or to professionals in health occupations, this chart would be appropriate. As with all other principles of public speaking, KNOW YOUR AUDIENCE.

Sequence-of-Steps Charts

Charts are also useful when you are trying to explain a process that involves several steps. The two visual aids in [Figure 9.8 \("Steps in Cell Reproduction"\)](#) both depict the process of cell division called mitosis using a sequence-of-steps chart, but they each deliver different information. The first chart lacks labels to indicate the different phases of cell division. Although the first

Chart

graphical representation of data (often numerical) or a sketch representing an ordered process.

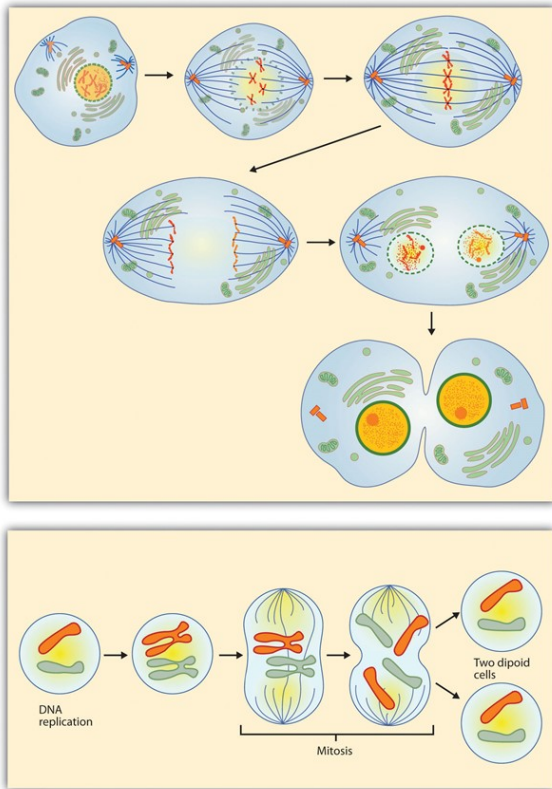


Figure 9.8 – Steps in Cell Reproduction

Source: Images courtesy of LadyofHats, http://commons.wikimedia.org/wiki/File:MITOSIS_cells_sequence.svg, and the National Institutes of Health, <http://commons.wikimedia.org/wiki/File:MajorEventsInMitosis.jpg>.

chart may have more color and look more scientific, the missing information may confuse your audience. In the second chart, each phase is labeled with a brief explanation of what is happening, which can help your audience understand the process.

Decision Trees

Decision trees are useful for showing the relationships between ideas. The example in [Figure 9.9 \("Open Educational Resource Decision Tree"\)](#) shows how a decision tree could be used to determine whether to use open-source textbook material. As with the other types of charts, you want to be sure that the information in the chart is relevant to the purpose of your speech and that each question and decision is clearly labeled. This particular tree is pertinent to this textbook, which is an open educational resource drawing from other open educational resources, and the decision tree shows some of the processes the authors went through to decide on the content of this text.

The next four pages show examples of decision trees and types of graphs. Text resumes on page 200.



Figure 9.9 – Open Educational Resource Decision Tree

Source: Image courtesy of T-kita, http://commons.wikimedia.org/wiki/File:Decision_tree_model.png.

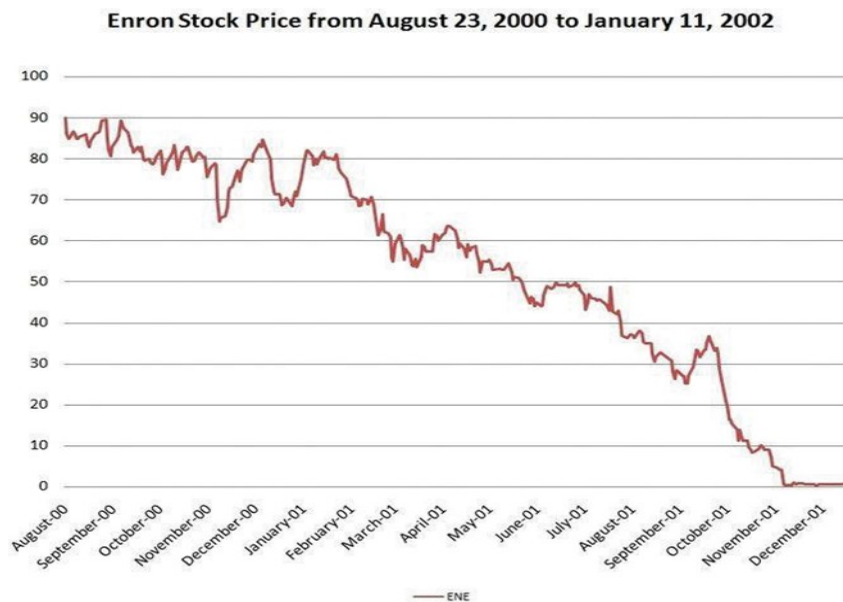


Figure 9.10 – Enron’s Stock Price

Source: Image courtesy of Nehrams 2020, <http://commons.wikimedia.org/wiki/File:EnronStockPriceAug00Jan02.jpg>

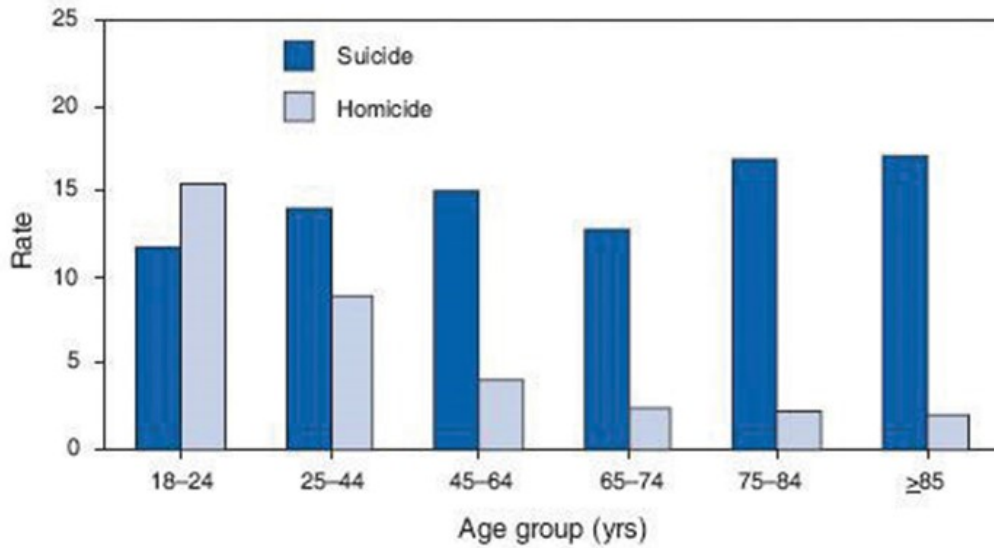


Figure 9.11 – Suicide vs. Homicide

Source: Centers for Disease Control and Prevention, http://commons.wikimedia.org/wiki/File:Homicide_suicide_USA.gif

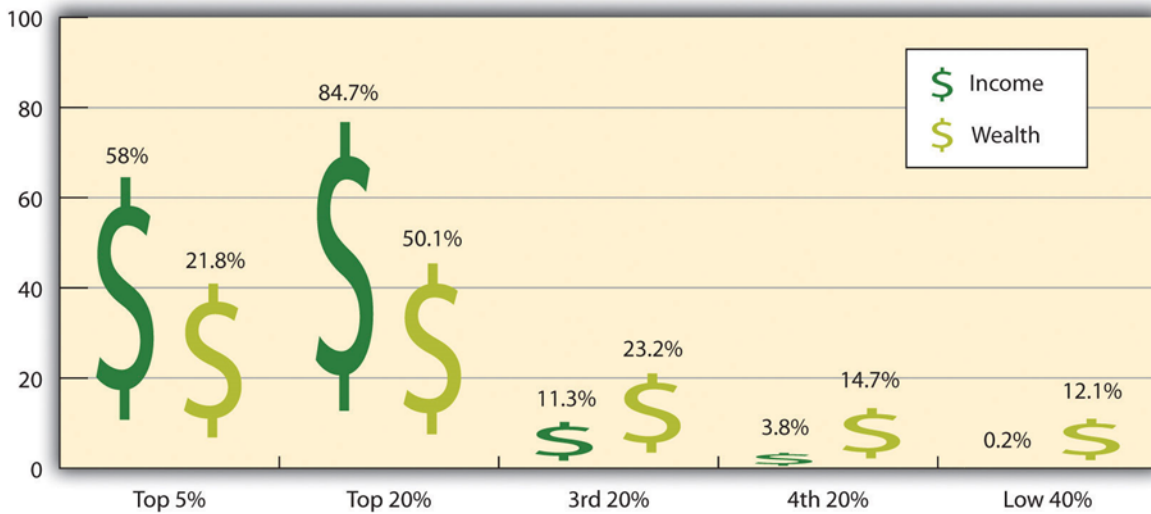


Figure 9.12 – Distribution of Income and Wealth in the United States

Source: Wolff, E. N. (2007). Recent trends in household wealth in the United States: Rising debt and the middle-class squeeze (Working Paper No. 502). Retrieved from the Levy Economics Institute of Bard College website: http://www.levy.org/pubs/wp_502.pdf

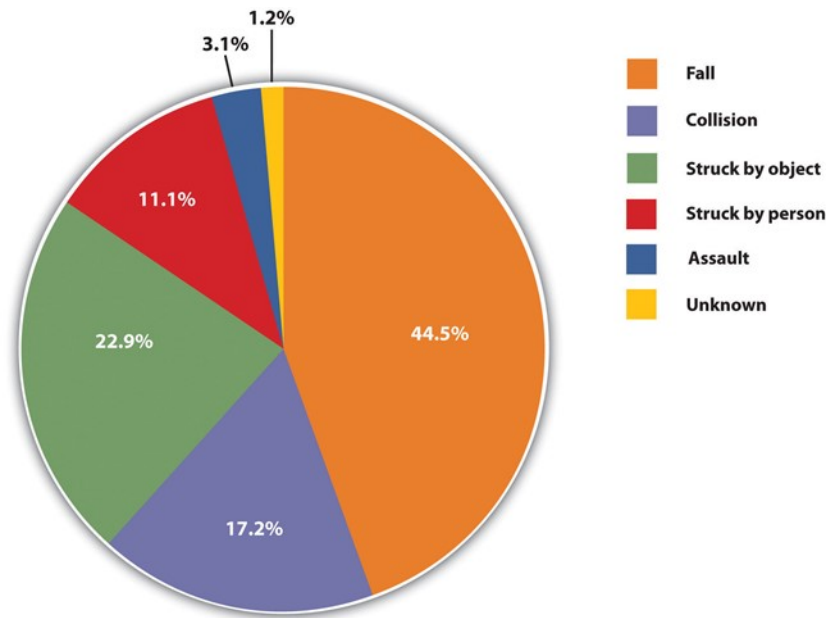


Figure 9.13 – Causes of Concussions in Children

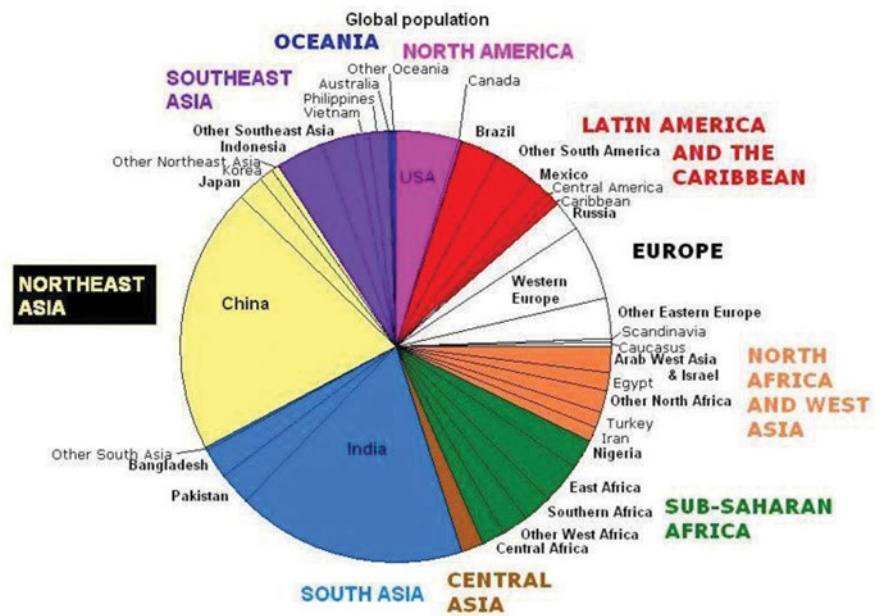
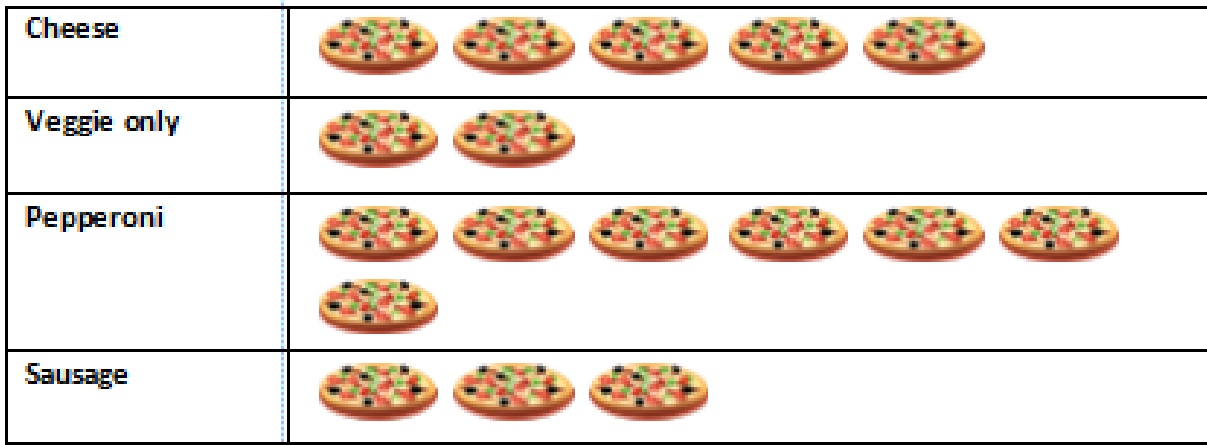


Figure 9.14 – World Populations




Each  equals fifty students polled

Figure 9.15 – Pictograph – Favorite Pizza Toppings of Dalton State College Freshmen

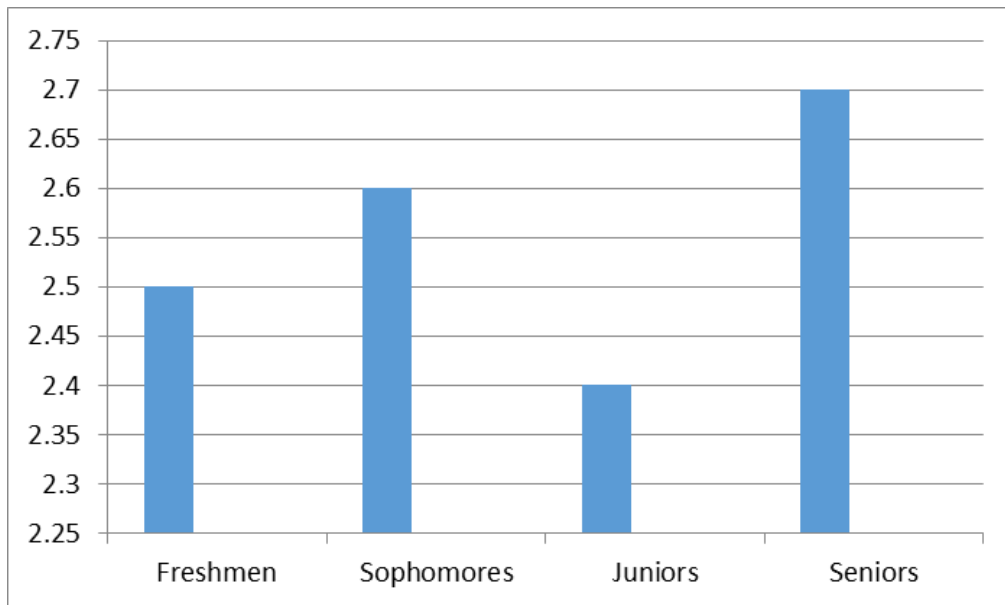


Figure 9.16 – Misrepresentative Graph of GPAs of Students

Graph

a pictorial representation of the relationships of quantitative data using dots, lines, bars, pie slices, and the like

Graphs

Strictly speaking, a **graph** may be considered a type of chart, but graphs are so widely used that we will discuss them separately. A graph is a pictorial representation of the relationships of quantitative data using dots, lines, bars, pie slices, and the like. Graphs show how one factor (such as size, weight, number of items) varies in comparison to other items. Whereas a statistical chart may report the mean ages of individuals entering college, a graph would show how the mean age changes over time. A statistical chart may report the amount of computers sold in the United States, while a graph will use bars or lines to show the breakdown of those computers by operating systems such as Windows, Macintosh, and Linux.

Public speakers can show graphs using a range of different formats. Some of those formats are specialized for various professional fields. Very complex graphs often contain too much information that is not related to the purpose of a student's speech. If the graph is cluttered, it becomes difficult to compre-

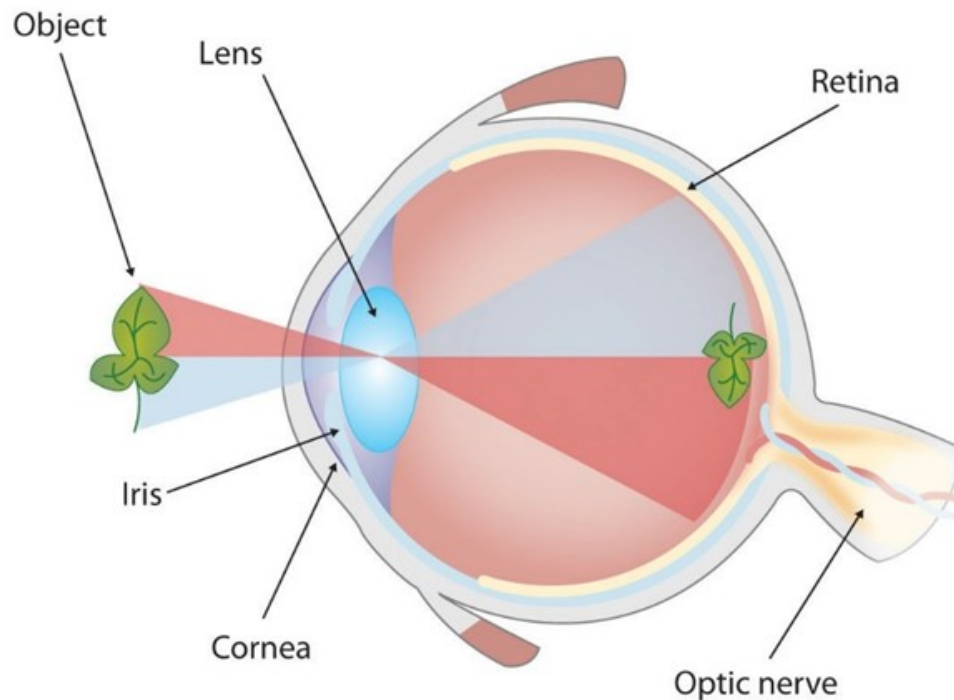


Figure 9.17 – The Human Eye

hend. In this section, we're going to analyze the common graphs speakers utilize in their speeches: line graphs, bar graphs, pie graphs, and pictographs.

Line Graph

A **line graph** is designed to show trends over time. In [Figure 9.10 \("Enron's Stock Price"\)](#), we see a line graph depicting the fall of Enron's stock price from August 2000 to January 2002. Notice that although it has some steep rises, the line has an overall downward trend clearly depicting the plummeting of Enron's stock price. This is far more effective in showing the relationship of numbers than a chart (as in Figure 9.7) or reading the numbers aloud.

Bar Graph

Bar graphs are useful for showing the differences between quantities. They can be used for population demographics, fuel costs, math ability in different grades, and many other kinds of

Line graph

a graph designed to show trends over time

Bar graph

a graph designed to show the differences between quantities



Figure 9.18 – Map of Africa with Nigerian Emphasis

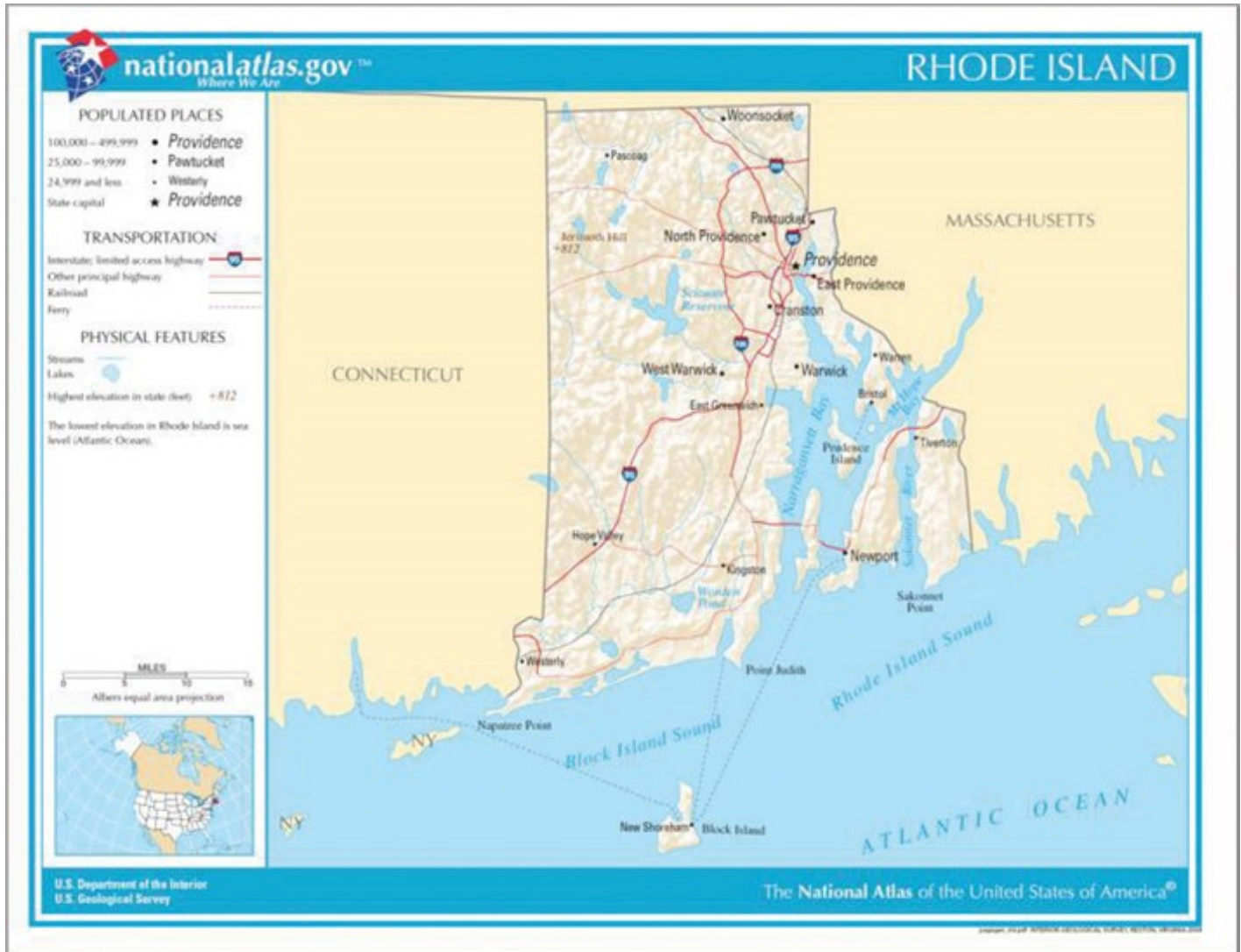


Figure 9.10 – Rhode Island Map

data. [The graph in Figure 9.11 \("Suicide vs. Homicide"\)](#) is well designed. It is relatively simple and is carefully labeled, making it easy for you to guide your audience through the quantities of each type of death. The bar graph is designed to show the difference between rates of suicides and homicides across various age groups. When you look at the data, the first grouping clearly shows that eighteen- to twenty-four-year-olds are more likely to die because of a homicide than any of the other age groups.

The graph in [Figure 9.12 \("Distribution of Income and Wealth in the United States"\)](#) is a complicated bar graph depicting the disparity between the so-called “haves” and the “have nots” within the United States. On the left hand side of the graph you can see that the Top 20% of people within the United States account for 84.7% of all of the wealth and 50.1% of all of the



Figure 9.20– Wigwam Photograph

© Thinkstock

income. On the other hand, those in the bottom 40% account for only 0.2% of the wealth and 12.1% of the actual income.

While the graph is very well designed, it presents a great deal of information. For example, it shows “wealth” and “income,” for several groups; however, these are related but different concepts. In a written publication, readers will have time to sit and analyze the graph, but in a speaking situation, audience members need to be able to understand the information in a graph very quickly. For that reason, this graph is probably not as effective for speeches as the one in [Figure 9.11](#) (“Natural Death vs. Homicide”).

Pie Graph

Pie graphs are usually depicted as circles and are designed to show proportional relationships within sets of data; in other words, they show parts of or percentages of a whole. They should be simplified as much as possible without eliminating important information. As with other graphs, the sections of the pie need to be plotted proportionally. In the pie graph shown in [Figure 9.13](#) (“Causes of Concussions in Children”) we see a clear and proportional chart that has been color-coded. Color-coding is useful when it’s difficult to fit the explanations in the actual sections of the graph; in that case, you need to include a legend, or key, to indicate what the colors in the graph mean. In this graph, audience members can see very quickly that falls are the primary

Pie graph

a graph designed to show proportional relationships within sets of data

reason children receive concussions. However, the pie graph in [Figure 9.14 \("World Populations"\)](#) is jumbled, illegible, confusing, and overwhelming in every way. The use of color coding doesn't help. Overall, this graph simply contains too much information and is more likely to confuse an audience than help them understand something.

Pictograph

Pictograph

a graph using iconic symbols to dramatize differences in amounts

Similar to bar graphs, **pictographs** use numbers or sizes of iconic symbols to dramatize differences in amounts. An example is found in [Figure 9.15](#). Pictographs, although interesting, do not allow for depiction of specific statistical data. If you were trying to show the output of oil from various countries through oil wells, each oil well representing a ten million barrels a day, it might be hard for the audience to see the difference between a third of an oil well and a fourth of one, but that is a significant difference in amounts (3.3 million versus 2.5 million).

Graphs can present challenges in being effective but also in being ethical. To be both ethical and effective, you need a good understanding of what statistics mean, and you need to create or use graphs that show amounts clearly. If you were showing GPAs of freshmen, sophomore, junior, and senior students at your college, and the bottom number on the graph was 2.25 rather than 0.0, that would result in a visually bigger difference than what really exists ([see Figure 9.16](#)).

Diagrams

Diagrams

drawings or sketches that outline and explain the parts of an object, process, or phenomenon that cannot be readily seen

Diagrams are drawings or sketches that outline and explain the parts of an object, process, or phenomenon that cannot be readily seen. Like graphs, diagrams can be considered a type of chart, as in the case of organization charts and process flow charts.

When you use a diagram, be sure to explain each part of the phenomenon, paying special attention to elements that are complicated or prone to misunderstanding. In the example shown in [Figure 9.17 \("The Human Eye"\)](#), you might wish to highlight that the light stimulus is reversed when it is processed through the brain or that the optic nerve is not a single stalk as many people think.

Maps

Maps are extremely useful if the information is clear and limited. There are all kinds of maps, including population, weather, ocean current, political, and economic maps, so you should find the right kind for the purpose of your speech. Choose a map that emphasizes the information you need to deliver. The

map shown in [Figure 9.18 \("African Map with Nigerian Emphasis"\)](#) is simple, showing clearly the geographic location of Nigeria. This can be extremely valuable for some audiences who might not be able to name and locate countries on the continent of Africa. [Figure 9.19 \("Rhode Island Map"\)](#) is a map of the state of Rhode Island, and it emphasizes the complicated configuration of islands and waterways that characterize this state's geography. Although the map does not list the names of the islands, it is helpful in orienting the audience to the direction and distance of the islands to other geographic features, such as the city of Providence and the Atlantic Ocean.

Photographs and Drawings

Sometimes a photograph or a drawing is the best way to show an unfamiliar but important detail. [Figure 9.20 \("Wigwam Photograph"\)](#) is a photograph of a wigwam, a dwelling used by Native Americans in the North East. Audiences expect high quality in photographs now, and as with all presentation aids they should enhance the speech and not just "be there." It is common to put photographs on PowerPoint slides as "clip art," but they should be relevant and not detract from the message of the slide.

Video or Audio Recordings

Another very useful type of presentation aid is a video or audio recording. Whether it is a short video from a website such as YouTube or Vimeo, a segment from a song, or a piece of a podcast, a well-chosen video or audio recording may be a good choice to enhance your speech. Imagine, for example, that you're giving a speech on how Lap-Band surgeries help people lose weight. One of the sections of your speech could explain how the Lap-Band works, so you could easily show a forty-three second video available on YouTube to demonstrate the part of the surgery. Maybe you could include a recording of a real patient explaining why he or she decided to get the Lap-Band.

There is one major warning to using audio and video clips during a speech: do not forget that they are supposed to be aids to your speech, not the speech itself! In addition, be sure to avoid these five mistakes that speakers often make when using audio and video clips:

- Avoid choosing clips that are too long for the overall length of the speech. Your instructor can give you some guidelines for how long video and audio clips should be for the speeches in your class, if they are allowed (and make sure they are).

- Practice with the audio or video equipment prior to speaking. If you are unfamiliar with the equipment, you'll look foolish trying to figure out how it works. This fiddling around will not only take your audience out of your speech but also have a negative impact on your credibility. It also wastes valuable time. Also be sure that the speakers on the computer are on and at the right volume level.
- Cue the clip to the appropriate place prior to beginning your speech. We cannot tell you the number of times we've seen students spend valuable speech time trying to find a clip on YouTube or a DVD. You need to make sure your clip is ready to go before you start speaking. Later in this chapter we will look at using video links in slides.
- In addition to cuing the clip to the appropriate place, the browser window should be open and ready to go. If there are advertisements before the video, be sure to have the video cued to play after the ad. The audience should not have to sit through a commercial. There is a website called TubeChop that can allow you to cut a segment out of a YouTube video, then creating a new link. It has limitations but can be useful.
- The audience must be given context before the video or audio clip is played, specifically what the clip is and why it relates to the speech.

Objects or Models

Objects and models are another form of presentation aid that can be very helpful in getting your audience to understand your message. Objects refer to anything you could hold up and talk about during your speech. If you're talking about the importance of not using plastic water bottles, you might hold up a plastic water bottle and a stainless steel water bottle as examples.

Models, on the other hand, are re-creations of physical objects that you cannot have readily available with you during a speech. If you're giving a speech on heart murmurs, you may be able to show how heart murmurs work by holding up a model of the human heart. As will be discussed in the section on handouts below, a speaker should never pass an object or model around during a speech. It is highly distracting.

People and Animals

The next category of presentation aids are people and animals. We can often use ourselves or other people to adequately demonstrate an idea during our speeches.

Animals as Presentation Aids

When giving a speech on a topic relating to animals, it is often tempting to bring an animal to serve as your presentation aid. While this can sometimes add a very engaging dimension to the speech, it carries some serious risks that you need to consider.

The first risk is that animal behavior tends to be unpredictable. You may think this won't be a problem if your presentation aid animal is small enough to be kept confined throughout your speech—for example, a goldfish in a bowl or a lizard or bird in a cage. However, even caged animals can be very distracting to your audience if they run about, chirp, or exhibit other agitated behavior. The chances are great that an animal will react to the stress of an unfamiliar situation by displaying behavior that does not contribute positively to your speech or to the cleanliness of the physical environment. Additionally, the animal's behavior may not only affect audience attention during your speech, but potentially during your classmates' speeches as well.

The second risk is that some audience members may respond negatively to a live animal. In addition to common fears and aversions to animals like snakes, spiders, and mice, many people have allergies to various animals. One of the authors had an experience where a student brought his six-foot yellow python to class for a speech. As a result, one of the other students refused to stay in the room because of her snake phobia (the instructor was not overwhelmingly comfortable either).

The third risk is that some locations may have regulations about bringing animals onto the premises. If animals are allowed, the person bringing the animal may be required to bring a veterinary certificate or may be legally responsible for any damage caused by the animal.

For these reasons, before you decide to use an animal as a presentation aid, ask yourself if you could make your point equally well with a picture, model, diagram, or other representation of the animal in question.

Speaker as Presentation Aid

Speakers can often use their own bodies to demonstrate facets of a speech. If your speech is about ballroom dancing or ballet, you might use your body to demonstrate the basic moves in the cha-cha or the five basic ballet positions.

Other People as Presentation Aids

In some cases, such as for a demonstration speech, you might want to ask someone else to serve as your presentation aid. You should arrange ahead of time for a person (or persons) to be an effective aid—do not assume that an audience member will volunteer on the spot. If you plan to demonstrate how to immobilize a broken bone, your volunteer must know ahead of time that you will touch him or her as much as necessary to splint the break.

You must also make certain that they will arrive dressed presentably and that they will not draw attention away from your message through their appearance or behavior. The transaction between you and your human presentation aid must be appropriate, especially if you are going to demonstrate something like a dance step. In short, make sure your helper will know what is expected of him or her and consents to it.

9.4 – Using Presentation Slides

Ever since the 1990s and the mainstreaming of personal computer technology, speakers have had the option of using slide presentation software to accompany their speeches and presentations. The most commonly known one is PowerPoint, although there are several others:

- Prezi, available at www.prezi.com
- Slide Rocket, available at www.sliderocket.com
- Google Presentations, available in Google Drive and useful for collaborative assignments
- Keynote, the Apple presentation slide software on MACs
- Impress, an Open Office product (<http://www.openoffice.org/product/impress.html>)
- PresentIt
- AdobeAcrobat Presenter
- ThinkFree

These products, some of which are offered free for trial or basic subscriptions (called a “freemium”), allow you to present professional-looking slides. Each one is “robust,” a word used to mean it has a large number of functions and features, some of which are helpful and some of which are distracting. For example, you can use the full range of fonts, although many of them are not appropriate for presentations because they are hard to read. In

this section we will discuss the proper use of presentation slides, with the assumption that you understand the basics of cutting, pasting, inserting, etc. involved in these products. You may have taken a class in high school where you learned to use the technology, but that is not the same as learning to use them for actual presentations. Your professor may not allow you to use this type of presentation aid in class (so you can focus on the actual speech), but you will likely give a presentation at some point in your college career where you are required or permitted to use this type of presentation aid.

The Advantages and Disadvantages of Using Presentation Slides

In some industries and businesses, there is an assumption that speakers will use presentation slides. They allow visualization of concepts, they are easily portable, they can be embedded with videos and audio, words can dance around the screen—why wouldn't a speaker use them? You will probably also be expected to have slide presentations in future assignments in college. Knowing how to use them, beyond the basic technology, is vital to being a proficient presenter.

But why not use them? Franck Frommer, a French journalist and communication expert, published the book *How PowerPoint Makes You Stupid* (2012), whose title says it all. He criticizes the “linearity” of PowerPoint and similar presentation software, meaning that audiences are not encouraged to see the relationship of ideas and that PowerPoint hurts critical thinking in the audience. Slide follows slide of bulleted information without one slide being more important.

As recently as the mid-2000s, critics such as the eminent graphic expert and NASA consultant Edward Tufte (2005) charged that PowerPoint's tendency to force the user to put a certain number of bullet points on each slide in a certain format was a serious threat to the accurate presentation of data. As Tufte put it, “the rigid slide-by-slide hierarchies, indifferent to content, slice and dice the evidence into arbitrary compartments, producing an anti-narrative with choppy continuity.”

Tufte argues that poor decision making, such as was involved with the 2003 space shuttle *Columbia* disaster, may have been related to the shortcomings of such presentation aids in NASA meetings. While more recent versions of PowerPoint and similar programs allow much more creative freedom in designing slides, this freedom comes with a responsibility—the user needs

to take responsibility for using the technology to support the speech and not get carried away with the many special effects the software is capable of producing.

It should be mentioned here that Prezi helps address one of the major criticisms of PowerPoint. Because Prezi, in its design stage, looks something like a mind map on a very large canvas with grid lines, it allows you to show the relationship and hierarchy of ideas better. For example, you can see and design the slides so that the “Big Ideas” are in big circles and the subordinate ideas are in smaller ones.

In addition to recognizing the truth behind Frommer’s and Tufte’s critiques, we have all sat through a presenter who committed the errors of putting far too much text on the slide. When a speaker does this, the audience is confused—do they read the text or listen to the speaker? An audience member cannot do both. Then, the speaker feels the need to read the slides rather than use PowerPoint for what it does best, visual reinforcement and clarification. We have also seen many poorly designed PowerPoint slides, either through haste or lack of knowledge: slides where the graphics are distorted (elongated or squatty), words and graphics not balanced, text too small, words printed over photographs, garish or nauseating colors, or animated figures left up on the screen for too long and distracting the audience. What about you? Can you think about PowerPoint “don’ts” that have hurt your reception of a presentation or lecture?

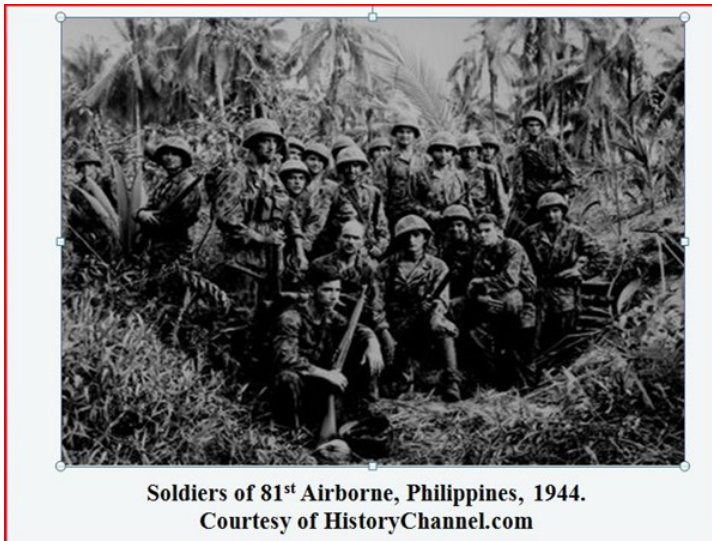
Creating Quality Slide Shows

Slides should show the principles of good design, which include unity, emphasis or focal point, scale and proportion, balance, and rhythm (Lauer & Pentak, 2000). Presenters should also pay attention to tone and usability. With those principles in mind, here are some tips for creating and then using presentation software.

Unity and Consistency

Generally it is best to use a single font for the text on your visuals so that they look like a unified set. Or you can use two different fonts in consistent ways, such as having all headers in the same font and all bullet points in the same font. Additionally, the background should probably remain consistent, whether you choose one of the many design templates or if you just opt for a background color.

In terms of unity, the adage, “Keep It Simple, Speaker” definitely applies to presentation slides. Each slide should have



Figures 9.21 and 9.22—Captioning Photographs on Presentation Slides

Indeed, almost the only measure for success is a competitive one, in the bad sense of that term – a comparison of results in the recitation or in the examination to see which child has succeeded in getting ahead of others in storing up, in accumulating, the maximum of information.

-- John Dewey
(*The School and Social Process*)

Figures 9.23—Sample Slide for Critique

one message, one photo, one graphic. The audience members should know what they are supposed to look at on the slide. A phrase to remember about presentation slides and the wide range of design elements available is “Just because you can, doesn’t mean you should.”

Another area related to unity and consistency, as well as audience response, is the use of animation or movement. There are three types of animation in slideshows. First, you can embed little characters or icons that have movement. These may seem like fun, but they have limited use and should not stay on the screen very long—you can use the second type of animation to take them off the screen.

That second type is the designed movement of text or objects on and off the screen. Although using this function takes up a good bit of time in preparing your slides, especially if you want to do it well and be creative with it, it is very useful. You can control what your audience is seeing. It also avoids bringing up all the text and material on a slide at one time, which tempts the audience again to pay more attention to the screen than to you. Movement on the screen attracts attention (see Factors of Attention in Chapter 7), for better or worse. PowerPoint, for example, allows bouncing words, pulsating text, and swirling phrases, which may or may not serve your purpose.

The third type of animation is called slide transitions, which is the design of how the next slide appears. In PowerPoint you can have the slides appear automatically or as blinds, as little checkerboards, even like the opening credits in *Star Wars*. (You can also use sound effects, but that is strongly discouraged.) In Prezi, the slides transition by zooming in and out, which is a clever effect but does make some audience members experience motion sickness. In general, you want to use a consistent and efficient pattern of movement with the second and third types of animation.

Emphasis, Focal Point, and Visibility

Several points should be made about how to make sure the audience sees what they need to see on the slides.

1. It is essential to make sure the information is large enough for the audience to see; and since the display size may vary according to the projector you are using, this is another reason for practicing in advance with the equipment you intend to use.

2. The standard rule is for text is 7 X 7, or sometimes (if the screen is smaller) 6 X 6. Does this mean 49 or 36 words on the slide? No. It means, in the case of 7 X 7, that you should have no more than seven horizontal lines of text (this does not mean bullet points, but lines of text, including the heading) and the longest line should not exceed seven words.
3. Following the 7 X 7 rule will keep you from putting too much information on a slide, but you should also avoid too many slides. Less sometimes really is more. Again, there is no hard and fast rule, but a ten-minute speech probably needs fewer than ten slides, unless you can make a good argument for more based on the content of the speech. If, however, the slides are just text, more than ten is too many.
4. Do not assume that all the templates feature visible text. Text should not be smaller than 22 point font for best visibility, and some of the templates have much smaller sized fonts. This is especially important in those situations where the speaker creates handouts. Text smaller than 22 is very difficult to see on handouts of your slides.
5. High contrast between the text and slides is extremely important. White fonts against very dark backgrounds and black fonts against very light backgrounds are probably your safest bet here. Remember that the way it looks on your computer screen is not the exactly how it will look when projected—the light is coming from a different place. Avoid words on photos. [Figure 9.21](#) shows a photo with the words placed across the center of the image. Not only does this obviously obscure some of the picture, it also makes the words difficult to read. [Figure 9.22](#), by contrast, has the accompanying text placed just below the image, making both much easier to see, and a citation is provided.
6. Also in terms of visibility, most experts say that *sans serif* fonts such as Arial, Tahoma, and Verdana are better for reading from screens than *serif* fonts such as Times New Roman, Bookface, Georgia, or Garamond.

How does the slide in [Figure 9.23](#) stack up beside these rules for visibility? You probably noticed that slide is a “fail” in terms of high contrast between the font and background and the use of a block of text not broken up for easy reading. The audience would feel like they are supposed to read it but not be able to. Also, since the text is a quotation from John Dewey, the text should have quotation marks around it.

Tone

the attitude of a given artifact (humorous, serious, light-hearted, etc.)

Tone

Fonts, color, clip art, photographs, and templates all contribute to **tone**, which is the attitude being conveyed in the slides. If you want a light tone, such as for a speech about cruises, some colors (springtime, pastel, cool, warm, or primary colors) and fonts (such as Comic Sans) and lots of photographs will be more appropriate. For a speech about the Holocaust, more somber colors and design elements would be more fitting, whereas clip art would not be.

Scale and Proportion

Although there are several ways to think about scale and proportion, we will discuss three here. First, bullet points. Bullet points infer that the items in the bulleted list are equal and the sequence doesn't matter. If you want to communicate order or sequence or priority, use numbers. Do not use outline points or numerical points with bullet points. Also, you should not put your outline (Roman numerals, etc.) on the slide.

Bullet points should be short—not long, full sentences—but at the same time should be long enough to mean something. In a speech on spaying and neutering pets, the bullet point “pain” may be better replaced with “Pet feels little pain.” Second, when you are designing your slides, it is best to choose a template and stick with it. If you input all your graphics and material and then change the template, the format of the slide will change, in some cases dramatically, and you will have distorted graphics and words covered up. You will then have to redesign each slide, which can be unnecessarily time-consuming.

The third aspect of scale and proportion is the relationship between the graphics and text in terms of size. This aspect is discussed below in the next section on “Balance.” Also, a graphic should be surrounded by some empty space and not just take up the whole slide.

Balance

In general you want symmetrical slides. Below are four examples of slides that are unbalanced ([Figures 9.24-9.27](#)); the last one ([Figure 9.28](#)) achieves a better symmetry and design.

Rhythm in Presenting

The rhythm of your slide display should be reasonably consistent—you would not want to display a dozen different slides in the first minute of a five-minute presentation and then display only one slide per minute for the rest of the speech. Timing them so that the audience can actually take them in is important.

Presenters often overdo the number of slides, thinking they will get a better grade but too many slides just causes overkill.

If you can obtain a remote mouse to change slides, that can help you feel independent of the mouse attached to the computer. However, you have to practice with the remote “clicker.” But if you have to use the mouse to change slide, keep your hands off of it between clicks. We have seen students wiggle the little arrow all over the screen. It is extremely annoying.

Whether using a “clicker” or the attached mouse, you must attend to the connection between what is on the screen and what you are actually talking about at the moment. Put reminders in your notes about when you need to change slides during your speech.

For better or worse, we have become very screen-oriented in our communication, largely because screens change often and that changing teaches us to expect new stimuli, which we crave. If the screen is up but you are not talking about what is on the screen, it is very confusing to the audience. (Other programs have similar functions; for example, if using Prezi, the “B” key also shows a black screen.)

If you are using PowerPoint and if you are not talking about something on a slide, hit the “B” key or the blank screen button on the remote mouse. This action will turn the screen to black. You can also hit the “W” key, which turns the screen to white, but that will make the audience think something is coming. Unfortunately, the downside of the “B” key action is that it will return you to the previous screen. To avoid this, some presenters put a black slide between slides in the presentation so that hitting the forward key gives the same effect, but hitting it again takes them to a new screen.

Other Practical Considerations

1. Be sure the file is saved in a format that will be “readable” on the computer where you are presenting. A common example is that a Keynote presentation (Apple) does not open on all PCs. You can save Keynote as a .ppt file for use on a PC. Likewise, if you chose to use Prezi or other web-based presentation software, you will need a strong, reliable Internet connection to show the slides.
2. Any borrowed graphic must be cited on the slide where it is used; the same would be true of borrowed textual material. Just putting your sources on the last slide is insufficient.



Figure 9.24—This slide leaves too much “white space” below the text, leaving an imbalance between the text and graphic; the graphic goes up into the title, and the title could be centered.

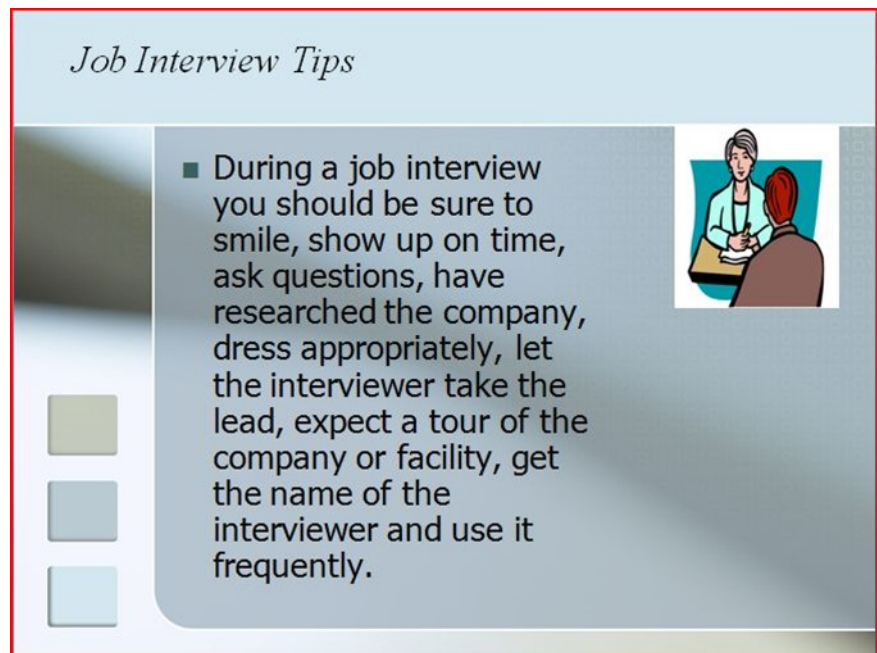


Figure 9.25—This slide does not break the text up into bullets and is therefore hard to read; the graphic is strangely small, and the heading is in a different font. Script fonts are often hard to read on screens.

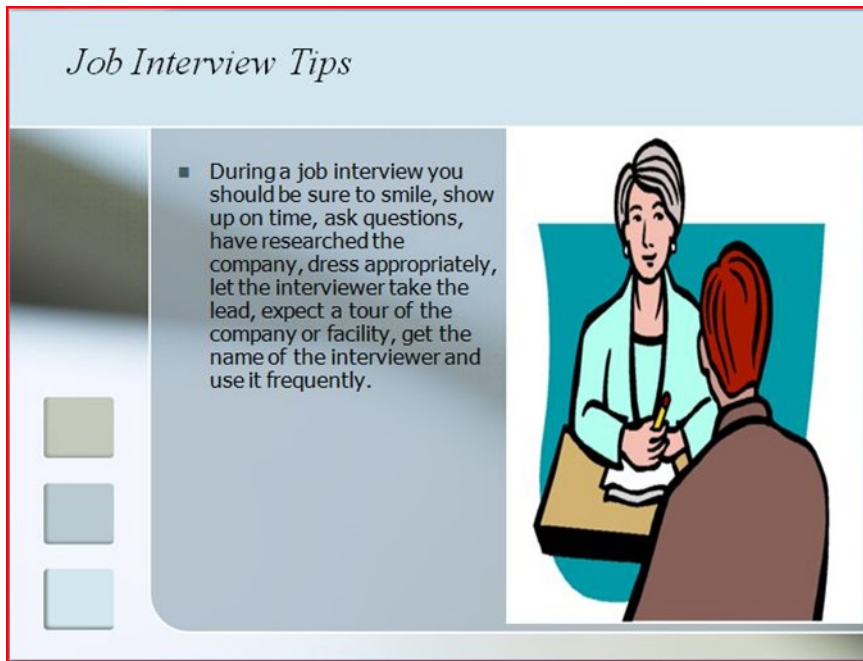


Figure 9.26—In this slide, similar problems from Figure 9.25 are repeated, but the text is also too small and the graphic is distorted because it was not sized from the corner.

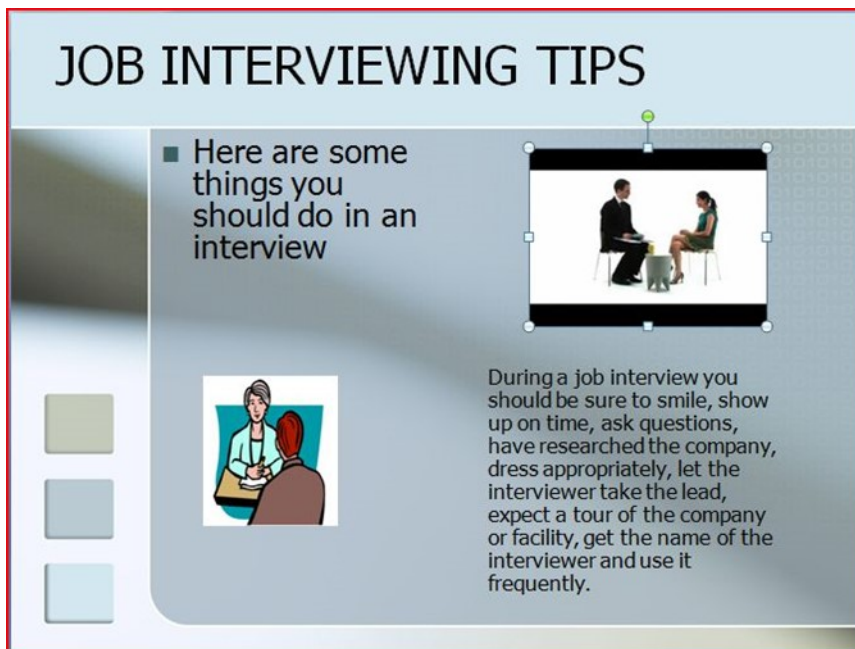


Figure 9.27—This slide is far too “busy.” The additional clip art is not helpful, the font is too small, and the ideas are disconnected. Having text in all caps is also difficult to read.



Figure 9.28—This version provides more visual balance and does not violate the 7X7 rule. Probably a photograph would work better than clip art on this slide. It also has a few typos—can you find them?

3. A very strong temptation for speakers is to look at the projected image rather than the audience during the speech. This practice cuts down on eye contact, of course, and is distracting for the audience. Two solutions for that are to print your notes from the presentation slides and/or use the slides as your note structure. And remember that if the image is on the computer monitor in front of you, it is on the screen behind you.
4. Always remember—and this cannot be emphasized enough—is that the technology works for you, not you for the technology. The presentation aids are aids, not the speech itself.
5. As mentioned before, sometimes life happens—technology does not work. It could be that the projector bulb goes out or the Internet connection is down. The show must go on.
6. If you are using a video or audio clip from an Internet source, it is probably best to hyperlink the URL on one of the slides rather than minimize the program and change to the Internet site. You can do this by highlighting a key word on the slide, right clicking to find “hyperlink,” and then pasting the URL there. Although you can also embed video in a PowerPoint, it makes the file extremely large and that may cause problems of its own.

9.5 – Low-Tech Presentation Aids

One reason for using digital media is that it can't be prone to physical damage in the form of smudges, scratches, dents, and rips. Unlike posters and objects, presentation software can be kept professional looking if you have to carry them through a rainstorm or blizzard. However, there are times when it makes sense to use "low-tech" media for presentations. Here are some directions for those times.

Dry-Erase Board

If you use a chalkboard or dry-erase board, you are not using a prepared presentation aid. Your failure to prepare visuals ahead of time can be interpreted in several ways, mostly negative. If other speakers carefully design, produce, and use attractive visual aids, yours will stand out by contrast. You will be seen as the speaker who does not take the time to prepare even a simple aid. Do not use a chalkboard or dry-erase board and pretend it's a prepared presentation aid.

However, numerous speakers do utilize chalk and dry-erase boards effectively. Typically, these speakers use the chalk or dry-erase board for interactive components of a speech. For example, maybe you're giving a speech in front of a group of executives. You may have a PowerPoint all prepared, but at various points in your speech you want to get your audience's responses. (More recent technology, such as on iPads, allows you to do the interaction on the screen, but this would have to be supported by the environment.) Chalk or dry-erase boards are very useful when you want to visually show information that you are receiving from your audience. If you ever use a chalk or dry-erase board, follow these four simple rules:

1. Write large enough so that everyone in the room can see (which is harder than it sounds; it is also hard to write and talk at the same time!).
2. Print legibly; don't write in cursive script.
3. Write short phrases; don't take time to write complete sentences.
4. Be sure you have markers that will not go dry, and clean the board afterward.

Flipchart

A flipchart is useful for situations when you want to save what you have written for future reference or to distribute to the audience after the presentation. As with whiteboards, you will need

good markers and readable handwriting, as well as a strong easel to keep the flipchart upright.

Posters

You may have the opportunity in your college years to attend or participate in a “poster session.” These are times during an academic conference where visitors can view a well-designed poster depicting a research project and discuss it one-on-one with the researcher. These kinds of posters are quite large and involve a great deal of work. They can be generated from PowerPoint but often require a special printer. Otherwise, posters are probably not the best way to approach presentation aids in a speech. There are problems with visibility as well as portability. Avoid producing a presentation aid that looks like you simply cut pictures out of magazines and pasted them on. Slapping some text and images on a board looks unprofessional and will not be viewed as credible or effective.

Handouts

Handouts are appropriate for delivering information that audience members can take away with them. As we will see, handouts require a great deal of management if they are to contribute to your credibility as a speaker.

First, make sure the handout is worth the trouble of making, copying, and distributing it. Does the audience really need the handout? Second, make sure to bring enough copies of the handout for each audience member to get one. Having to share or look on with one’s neighbor does not contribute to a professional image. Under no circumstances should you ever provide a single copy of a handout to pass around. It is distracting and everyone will see it at different times in the speech (this is also true about passing any object around the room) and lose the point of the handout or object.

There are three possible times to distribute handouts: before you begin your speech, during the speech, and after your speech is over. Naturally, if you need your listeners to follow along in a handout, you will need to distribute it before your speech begins. If you have access to the room ahead of time, place a copy of the handout on each seat in the audience. If not, ask a volunteer to distribute them as quickly as possible while you prepare to begin speaking. If the handout is a “takeaway,” leave it on a table near the door so that those audience members who are interested can take one on their way out; in this case, don’t forget to tell them to do so as you conclude your speech. It is almost

never appropriate to distribute handouts during your speech, as it is distracting, takes up time, and interrupts the pace of your presentation.

Conclusion

To finish this chapter, we will recap and remind you about the principles of effective presentation aids. Whether your aid is a slide show, object, a person, or dry erase board, these standards are essential:

Presentation aids must be easily seen or heard by your audience. Squinting and head-cocking are not good reactions. Neither should they look at the screen the whole time and ignore the speaker.

Presentation aids must be portable, easily handled, and efficient. They should disappear when not in use.

Presentation aids should be aesthetically pleasing, which includes in good taste. Avoid shock value just for shock value. You might want to show pictures of diseased organs and teeth, deformities, or corpses for your speech to make a point, but context is everything. Will your audience react so strongly that the overall point is missed? Additionally, electronic media today allows you to create very “busy” slides with varieties of fonts, colors, collages of photos, etc. Keep in mind the principles of unity and focal point.

Color is another aesthetic aspect. Some colors are just more soothing, readable, and appropriate than others. Also, the color on your slides may be different when projected from what is on your computer. Finally, presentation aids must support your speech and have high relevance to your content.

This chapter has covered a wide range of information about all kinds of audio and visual aids, but audiences today expect and appreciate professionally designed and handled presentation aids. The stakes are higher now, but the tools are many.





Something to Think About

What are some attention problems caused by using projection equipment during a speech?

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Chapter 10

Language



Learning Objectives

After reading this chapter, the student will be able to:

- ◇ Recognize language used for power and the power of language choices;
- ◇ Explain the standard of clarity;
- ◇ Choose language appropriate for audiences;
- ◇ Choose clear language;
- ◇ Begin to develop her/his own language ability in speaking.

Chapter Preview

10.1 – What Language Is and Does

10.2 – Standards for Language in Public Speaking

10.3 – Developing Your Ability to Use Effective Language in Public Speaking

10.1 – What Language Is and Does

The Ancient Romans who studied and taught rhetoric divided its study and process into five “canons:” invention, disposition, style, memory, and delivery. The term “style” does not refer to clothing styles but language choices. Should a public speaker use very basic language because the audience is unfamiliar with his topic? Or more technical language with many acronyms, abbreviations, and jargon because the audience has expertise in the topic? Or academic language with abstract vocabulary, or flowery, poetic language with lots of metaphors? Perhaps you have never thought about those questions, but they are ones that influence both the clarity of the message as well as the credibility a speaker will gain during the presentation.

However, we would be wrong if we treated language as an “add-on” to the ideas and structure of the speech. Language is a far too complex and foundational aspect of our lives for us to consider it as an afterthought for a speech. In this chapter we will look at how language functions in communication, what standards language choices should meet in public speaking, and how you can become more proficient in using language in public speaking.

Language is any formal system of gestures, signs, sounds, and symbols used or conceived as a means of communicating thought, either through written, enacted, or spoken means. Linguists believe there are far more than 6,900 languages and distinct dialects spoken in the world today (Anderson, 2012). The language spoken by the greatest number of people on the planet is Mandarin (a dialect of Chinese). Other widely spoken languages are English, Spanish, and Arabic. English is spoken widely on every continent (thanks to the British Empire) but Mandarin is spoken by the most people. We have already seen in earlier chapters that public speakers have to make adjustments to language for audiences. For example, spoken language is more wordy and repetitive than written language needs to be or should be. It is accompanied by gestures, vocal emphasis, and facial expressions. Additionally, spoken language includes more personal pronouns and more expressive, emotional, colloquial, slang, and nonstandard words.

The study of language is, believe it or not, controversial. If you are an education, social sciences, pre-law, or English major, you will somewhere in your college career come up against this truth. While we use words everyday and don't think about it, scholars in different fields concern themselves with how we choose words, why we choose words, what effect words have on

Language

any formal system of gestures, signs, sounds, and symbols used or conceived as a means of communicating thought, either through written, enacted, or spoken means

us, and how the powerful people of the world use words. One theory of language, general semantics, says that meaning resides in the person using the word, not in the word (“Basic Understandings,” 2015). It is helpful for the public speaker to keep this mind, especially in regard to **denotative** and **connotative** (see Chapter 1) meaning. Wrench, Goding, Johnson, and Attias (2011) use this example to explain the difference:

When we hear or use the word “blue,” we may be referring to a portion of the visual spectrum dominated by energy with a wavelength of roughly 440–490 nanometers. You could also say that the color in question is an equal mixture of both red and green light. While both of these are technically correct ways to interpret the word “blue,” we’re pretty sure that neither of these definitions is how you thought about the word. When hearing the word “blue,” you may have thought of your favorite color, the color of the sky on a spring day, or the color of a really ugly car you saw in the parking lot. When people think about language, there are two different types of meanings that people must be aware of: denotative and connotative. (p. 407)

Denotative meaning is the specific meaning associated with a word. We sometimes refer to denotative meanings as dictionary definitions. The [scientific] definitions provided above for the word “blue” are examples of definitions that might be found in a dictionary. Connotative meaning is the idea suggested by or associated with a word at a cultural or personal level. In addition to the examples above, the word “blue” can evoke many other ideas:

- State of depression (feeling blue)
- Indication of winning (a blue ribbon)
- Side during the Civil War (blues vs. grays)
- Sudden event (out of the blue).
- States that lean toward the Democratic Party in their voting

Language is not just something we *use*; it is part of who we are and how we think. When we talk about language, we have to use words to do so, and language is also hard to separate from who we are. Each of us has our own way of expressing ourselves. Even more, it is almost impossible to separate language from thinking. Many people think the federal government should enact a law that only English is spoken in the United States (in government offices, schools, etc.). This is opposed by some groups

because it seems discriminatory to immigrants, based on the belief that everyone's language is part of his or her identity and self-definition.

Not only is language about who we are; it is about power. In fact, some educational and political theorists believe that language is all about power. For instance, **euphemisms** are often used to make something unpleasant sound more tolerable. In one of the more well-known examples of the use of euphemisms, the government commonly tries to use language to "soften" what many would see as bad. During the Vietnam War, "air support" was invented to cover the real meaning: "bombing." When you hear air support, you probably think "planes bringing supplies in," not "bombing."

Even today, terms like "revenue enhancement" are used instead of "tax increases." The word euphemism has at its core "eu," (which is a prefix from Greek meaning "good" or "pleasant") and "phem" (a root word for speaking). Just as blasphemy is speaking evil about sacred things, "euphemism" is "pleasant speaking about unpleasant things." We use euphemisms every day, but we have to be careful not to obscure meaning or use them deceptively.

There's an old saying in debate, "He who defines the terms wins the debate." In the 1988 election, George H.W. Bush was running against Michael Dukakis, who was the governor of Massachusetts. Vice President Bush was able to stick a label on Dukakis and it stuck, that of "liberal." He not only labeled Governor Dukakis, but he also defined what "liberal" meant. The word was in disuse after that, and you don't hear it as much now, except by people on the Right to talk about "the enemy." The word in use now is "progressive." Unfortunately, this incident in 1988 politics obscured the fact that the U.S. has always been a "liberal" democratic republic. The word "liberal" has shifted meaning, another trait of language.

To most people "progressive" sounds better, although an historian could argue the word is technically being used incorrectly. It doesn't matter, because a word doesn't "have" meaning; meaning exists in the minds of people using the word. If "progressive" hits people and evokes or stirs up ideas of forward-thinking, young, active, problem-solving people, then good. For most people it doesn't bring up pictures of Woodrow Wilson and suffragettes (now referred to as "suffragists" because "-ettes" is seen as connoting women as "less than" men).

These examples bring up another issue with language: words change meaning over time, or more specifically, the

Euphemism

language devices often used to make something unpleasant sound more tolerable

meaning we attached to them changes. “Pretty” used to mean “clever” 250 years ago. “Prevent” meant to “precede,” not to keep from happening. Language is simply not static, as much as we might like it to be. One of the main reasons we find Shakespeare daunting is that so many of the Elizabethan words either no longer are used or they have changed meanings.

With regard to the use of language for power, even unknowingly, feminists in the 1970s argued that the common way we use English language was biased against women. King-sized means “big,” but “queen-sized” means “for heavy women.” “Master” was not equivalent to “mistress.” “Madame” had taken on a bad connotation, even though it should have been equivalent to “sir.” Many words referring to women had to add a suffix that was often “less than,” such as “-ess” or “-ette” or “co-ed.” In the last thirty years we have gotten away from that, so that you often hear a female actor referred to as “actor” rather than “actress,” but old habits die hard.

We see another example of power in language in the abortion debate. Prior to 1973, abortions could be obtained legally, to some extent, in three states: California, New York, and Hawaii. After the Roe v. Wade decision in January of 1973, they could, at least theoretically, be obtained in all fifty states. Roe v. Wade did not make abortions legal so much as it made anti-abortion laws illegal or unconstitutional, so the effect was generally the same. The people who were against abortion were now on the defensive, and they had to start fighting. It's generally better to be “pro-”something rather than “anti-”something, so they became “pro-life.” Those favoring abortion rights then automatically became “pro-death.” One side had defined the terms of the debate, and the other had to come up with something comparable. “Pro-choice” takes advantage of the American belief in capitalism and freedoms.

These examples show how “defining the terms” gives a person control of the discourse. As you progress as a public speaker, you will become more aware of the power certain words have over audiences. An ethical communicator will use language in a way that encourages respect for others, freedom of thought, and decision making. First, however, a speaker should seek to meet the standards of clarity, effectiveness, appropriateness, and elegance in language, which are discussed in the next section.

10.2 – Standards for Language in Public Speaking

Clear language is powerful language. Clarity is the first concern of a public speaker when it comes to choosing how to

phrase the ideas of his or her speech. If you are not clear, specific, precise, detailed, and sensory with your language, you won't have to worry about being emotional or persuasive, because you won't be understood. There are many aspects of clarity in language, listed below.

Achieving Clarity

The first aspect of clarity is concreteness. We usually think of concreteness as the opposite of abstraction. Language that evokes many different visual images in the minds of your audience is **abstract language**. Unfortunately, when abstract language is used, the images evoked might not be the ones you really want to evoke. A word such as “art” is very abstract; it brings up a range of mental pictures or associations: dance, theatre, painting, drama, a child's drawing on a refrigerator, sculpture, music, etc. When asked to identify what an abstract term like “art” means, twenty people will have twenty different ideas.

In order to show how language should be more specific, the “ladder of abstraction” (Hayakawa, 1939) was developed. The ladder of abstraction in Figure 10.1 helps us see how our language can range from abstract (general and sometimes vague) to very precise and specific (such as an actual person that everyone in your audience will know). You probably understood the ladder in Figure 10.2 until it came to the word “Baroque.” At Bernini's, you might get confused if you do not know much about art history. If the top level said “Bernini's David,” a specific sculpture, that would be misleading because almost everyone is familiar with Michelangelo's *David*,

Abstract language

language that evokes many different visual images in the minds of your audience

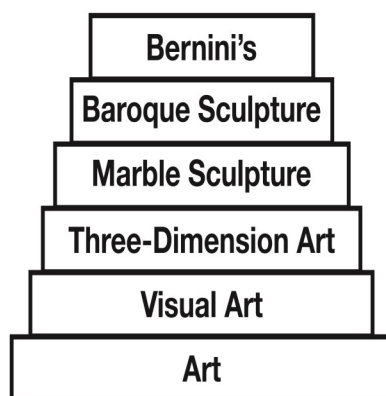


Figure 10.1—Ladder of Abstraction

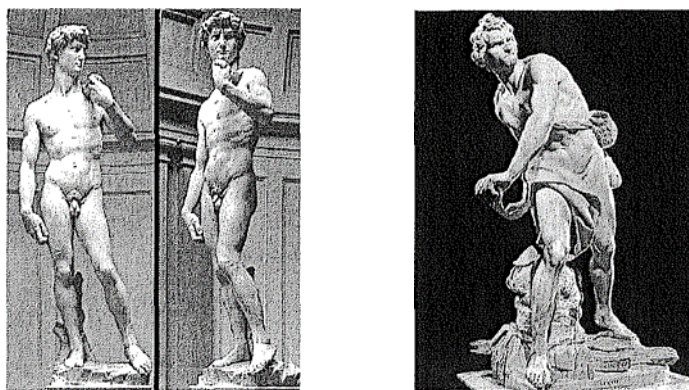


Figure 10.2—Renaissance *David* (Michelangelo) vs. Bernini's *David*

but Bernini's version is very different. It's life-sized, moving, and clothed. Bernini's is as much a symbol of the Baroque Age as Michelangelo's is of the Renaissance. But unless you've taken an art history course, the reference, though very specific, is meaningless to you, and even worse, it might strike you as showing off. In fact, to make my point, here they are in Figure 10.2. A picture is worth a thousand words, right?

Related to the issue of specific vs. abstract is the use of the right word. Mark Twain said, "The difference between the right word and the almost right word is the difference between lightning and a lightning bug." For example, the words "prosecute" and "persecute" are commonly confused, but not interchangeable. Two others are preemptory/pre-emptive and prerequisites/perquisites. Can you think of other such word pair confusion?

In the attempt to be clear, which is your first concern, you will also want to be simple and familiar in your language. Familiarity is a factor of attention (Chapter 7); familiar language draws in the audience. Simple does not mean simplistic, but the avoidance of multi-syllable words. If a speaker said, "A collection of pre-adolescence fabricated an obese personification comprised of compressed mounds of minute aquatic crystals," you might recognize it as "Some children made a snowman," but maybe not. The language is not simple or familiar and therefore does not communicate well, although the words are correct and do mean the same thing, technically.

Along with language needing to be specific and correct, language can use appropriate similes and metaphors to become

clearer. **Literal language** does not use comparisons like similes and metaphors; **figurative language** uses comparisons with objects, animals, activities, roles, or historical or literary figures. Literal says, “The truck is fast.” Figurative says “The truck is as fast as . . .” or “The truck runs like . . .” or “He drives that truck like Kyle Busch at Daytona.” **Similes** use some form of “like” or “as” in the comparisons. **Metaphors** are direct comparisons, such as “He is Kyle Busch when he gets behind the wheel of that truck.” Here are some more examples of metaphors:

Love is a *battlefield*.

Upon hearing the charges, the accused *clammed up* and refused to speak without a lawyer.

Every year a new *crop* of activists are *born*.

For rhetorical purposes, metaphors are considered stronger, but both can help you achieve clearer language, if chosen wisely. To think about how metaphor is stronger than simile, think of the difference “Love is a battlefield” and “Love is *like* a battlefield.” Speakers are encouraged to pick their metaphors and not overuse them. Also, avoid mixed metaphors, as in this example: “That’s awfully thin gruel for the right wing to hang their hats on.” Or “He found himself up a river and had to change horses.” The mixed metaphor here is the use of “up a river” and “change horses” together; you would either need to use an all river-based metaphor (dealing with boats, water, tides, etc.) or a metaphor dealing specifically with horses. The example above about a “new crop” “being born,” is actually a mixed metaphor, since crops aren’t born, but planted and harvested. Additionally, in choosing metaphors and similes, speakers want to avoid clichés, discussed next.

Clichés are expressions, usually similes, that are predictable. You know what comes next because they are overused and sometimes out of date. Clichés do not have to be linguistic—we often see clichés in movies, such as teen horror films where you know exactly what will happen next! It is not hard to think of clichés: “Scared out of my . . .” or “When life gives you lemons. . .” or “All is fair in. . .” or, when describing a reckless driver, “She drives like a . . .” If you filled in the blanks with “wits,” “make lemonade,” “love and war,” or “maniac,” those are clichés.

Clichés are not just a problem because they are overused and boring; they also sometimes do not communicate what you need, especially to audiences whose second language is English. “I

Literal language

language that does not use comparisons like similes and metaphors

Figurative language

language that uses metaphors and similes to compare things that may not be literally alike

Similes

a figure of speech involving the comparison of one thing with another thing of a different kind (specifically using the terms “like” or “as”), used to make a description more emphatic or vivid

Metaphors

a figure of speech that identifies something as being the same as some unrelated thing for rhetorical effect, thus highlighting the similarities between the two

Clichés

predictable and generally overused expressions; usually similes

will give you a ballpark figure” is not as clear as “I will give you an estimate,” and assumes the person is familiar with American sports. Therefore, they also will make you appear less credible in the eyes of the audience because you are not analyzing them and taking their knowledge, background, and needs into account. As the United States becomes more diverse, being aware of your audience members whose first language is not English is a valuable tool for a speaker.

Additionally, some clichés are so outdated that no one knows what they mean. “The puppy was as cute as a button” is an example. You might hear your great-grandmother say this, but who really thinks buttons are cute nowadays? Clichés are also imprecise. Although clichés do have a comfort level to them, comfort puts people to sleep. Find fresh ways, or just use basic, literal language. “The bear was big” is imprecise in terms of giving your audience an idea of how frightful an experience faced by a bear would be. “The bear was as big as a house” is a cliché and an exaggeration, therefore imprecise. A better alternative might be, “The bear was two feet taller than I am when he stood on his back legs.” The opposite of clichés is clear, vivid, and fresh language.

In trying to avoid clichés, use language with **imagery**, or sensory language. This is language that makes the recipient smell, taste, see, hear, and feel a sensation. Think of the word “ripe.” What is “ripe?” Do ripe fruits feel a certain way? Smell a

Imagery

language that makes the recipient smell, taste, see, hear, and feel a sensation; also known as sensory language



certain way? Taste a certain way? Ripe is a sensory word. Most words just appeal to one sense, like vision. Think of color. How can you make the word "blue" more sensory? How can you make the word "loud" more sensory? How would you describe the current state of your bedroom or dorm room to leave a sensory impression? How would you describe your favorite meal to leave a sensory impression? A thunderstorm to leave a sensory impression?

Poetry uses much imagery, so to end this section on fresh, clear language, here is a verse from "Daffodils" by William Wordsworth. Notice the metaphors ("daffodils dancing," "host," which brings to mind great heavenly numbers), simile (as the stars) and the imagery ("golden" rather than "yellow," and other appeals to feeling and sight):

A host, of golden daffodils;
Beside the lake, beneath the trees,
Fluttering and dancing in the breeze.
Continuous as the stars that shine
And twinkle on the Milky Way.

Effectiveness

Language achieves effectiveness by communicating the right message to the audience. Clarity contributes to effectiveness, but there are some other aspects of effectiveness. To that end, language should be a means of inclusion and identification, rather than exclusion. Let's establish this truth: Language is for communication; communication is symbolic, and language is the main (but not only) symbol system we use for communication. If language is for communication, then its goal should be to bring people together and to create understanding.

Unfortunately, we habitually use language for exclusion rather than inclusion. We can push people away with our word choices rather than bringing them together. We discussed the concepts of stereotyping and totalizing in Chapter 2, but they serve as examples of what we're talking about here. What follows are some examples of language that can exclude members of your audience from understanding what you are saying.

Jargon

Jargon (which we discussed in Chapter 2) used in your profession or hobby should only be used with audiences who share your profession or hobby. Not only will the audience members who don't share your profession or hobby miss your

Jargon

language used in a specific field that may or may not be understood by others

meaning, but they will feel that you are not making an honest effort to communicate or are setting yourself above them in intelligence or rank. Lawyers are often accused of using “legalese,” but other professions and groups do the same. If an audience member does not understand your references, jargon, or vocabulary, it is unlikely that he or she will sit there and say, “This person is so smart! I wish I could be smart like this speaker.” The audience member is more likely to be thinking, “Why can’t this speaker use words we understand and get off the high horse?” (which I admit, is a cliché!)

What this means for you is that you need to be careful about assumptions of your audience’s knowledge and their ability to interpret jargon. For example, if you are trying to register for a class at Dalton State and your adviser asks for the CRN, that would be jargon that makes sense to the two of you, but almost anyone else in the world would have no idea what you are talking about. Acronyms, such as NPO, are another example. Those trained in the medical field know it is based on the Latin for “nothing by mouth.” The military has many acronyms, such as MOS (military occupational specialty, or career field in civilian talk). If you are speaking to an audience who does not know the jargon of your field, using it will only make them annoyed by the lack of clarity.

Sometimes we are not even aware of our jargon and its inadvertent effects. A student once complained to one of the authors about her reaction when she heard that she had been “purged.” The word sounds much worse than the meaning it had in that context, which that her name was taken off the official roll for nonpayment at the beginning of the semester.

Slang

Slang

a type of language that consists of words and phrases that are specific to a subculture or group that others may not understand

The whole point of **slang** is for a subculture or group to have its own code, almost like secret words. Once slang is understood by the larger culture, is no longer slang and may be classified as “informal” or “colloquial” language. “Bling” was slang; now it’s in the dictionary. Sports have a great deal of slang used by the players and fans that then gets used in everyday language. For example, “That was a slam dunk” is used to describe something easy, not just in basketball. At Dalton State, many groups and organizations “paint the rock” located on the campus quad. Anyone not affiliated with DSC would probably be a little lost if you excitedly told them that you “painted the rock for spirit week” and might feel excluded from that conversation.

Complicated vocabulary

If a speaker used the word "recalcitrant," some audience members would know the meaning or figure it out ("Calci-" is like calcium, calcium is hard, etc.), but many would not. It would make much more sense for them to use a word readily understandable--"stubborn." Especially in oral communication, we should use language that is immediately accessible. However, do not take this to mean "dumb down for your audience." It means being clear and not showing off. For a speaker to say "I am cognizant of the fact that. . ." instead of "I know" or "I am aware of. . ." adds nothing to communication.

Profanity and cursing

It is difficult to think of many examples, other than artistic or comedy venues, where profanity or cursing would be effective or useful with most audiences, so this kind of language is generally discouraged.

Credibility

Another aspect of effectiveness is that your language should enhance your credibility. First, audiences trust speakers who use clear, vivid, respectful, engaging, and honest language. On the other hand, audiences tend *not* to trust speakers who use language that excludes others or who exhibit uneducated language patterns. All of us make an occasional grammatical or usage error. However, constant verb and pronoun errors and just plain getting words confused will hurt the audience's belief that you are competent and know what you are talking about. In addition, a speaker who uses language and references that are not immediately accessible or that are unfamiliar will have diminished credibility. Finally, you should avoid the phrase "I guess" in a speech. A credible speaker should know what he/she is talking about.

Rhetorical Techniques

There are several traditional techniques that have been used to engage audiences and make ideas more attention-getting and memorable. These are called rhetorical techniques. Although "rhetorical" is associated with persuasive speech, these techniques are also effective with other types of speeches. We will not mention all of them here, but some important ones are listed below. Several of them are based on a form of repetition. You can refer to an Internet source for a full list of the dozens of rhetorical devices.

Assonance is the repetition of vowel sounds in a sentence or passage. As such, it is a kind of rhyme. Minister Tony

Assonance
the repetition of
vowel sounds in a
sentence or passage

Alliteration

the repetition of initial consonant sounds in a sentence or passage

Campolo said, "When Jesus told his disciples to pray for the kingdom, this was no **pie** in the **sky** **by** and **by** when you **die** **kind** of prayer."

Alliteration is the repetition of initial consonant sounds in a sentence or passage. In his "I Have a Dream Speech," Dr. Martin Luther King said, "I have a dream that my four little children will one day live in a nation where they will not be judged by the **color** of their **skin** but by the **content** of their **character**." Not only does this sentence use alliteration, it also uses the next rhetorical technique on our list, antithesis.

Antithesis

the juxtaposition of contrasting ideas in balanced or parallel words, phrases, or grammatical structures

Antithesis is the juxtaposition of contrasting ideas in balanced or parallel words, phrases, or grammatical structures. Usually antithesis goes: Not this, but this. John F. Kennedy's statement from his 1961 inaugural address is one of the most quoted examples of antithesis: "Ask not what your country can do for you; ask what you can do for your country." In that speech he gave another example, "If a free society cannot help the many who are poor, it cannot save the few who are rich."

Parallelism

the repetition of grammatical structures that correspond in sound, meter, and meaning

Parallelism is the repetition of sentence structures. It can be useful for stating your main ideas. Which one of these sounds better?

"Give me liberty or I'd rather die."

"Give me liberty or give me death."

The second one uses parallelism. Quoting again from JFK's inaugural address: "Let every nation know, whether it wishes us well or ill, that we shall pay any price, bear any burden, meet any hardship, support any friend, oppose any foe to assure the survival and the success of liberty." The repetition of the three-word phrases in this sentence (including the word "any" in each) is a clear example of parallelism.

Anaphora

the succession of sentences beginning with the same word or group of words

Anaphora is a succession of sentences beginning with the same word or group of words. In his inaugural address, JFK began several succeeding paragraphs with "To": "To those old allies," "To those new states," "To those people," etc.

Hyperbole

intentional exaggeration for effect

Hyperbole is intentional exaggeration for effect. Sometimes it is for serious purposes, other times for humor. Commonly we use hyperbolic language in our everyday speech to emphasize our emotions, such as when we say "I'm having the worst day ever" or "I would kill for a piece of gum right now." Neither of those statements is (hopefully) true, but it stresses to others the way you are feeling. Ronald Reagan, who was often disparaged for being the oldest president, would joke about his

age. In one case he said, “The chamber is celebrating an important milestone this week: your 70th anniversary. I remember the day you started.”

Irony is the expression of one's meaning by using language that normally signifies the opposite, typically for humorous or emphatic effect. Although most people think they understand irony as sarcasm (such as saying to a friend who trips, “That’s graceful”), it is a much more complicated topic. A speaker may use it when he professes to say one thing but clearly means something else, or he says something that is obviously untrue. Irony in oral communication can be difficult to use.

Using these techniques alone will not make you an effective speaker. Dr. King and President Kennedy combined them with strong metaphors and images as well; for example, Dr. King described the promises of the founding fathers as a “blank check” returned with the note “insufficient funds” as far as the black Americans of his time were concerned. That was a very concrete, human, and familiar metaphor to his listeners and still speaks to us today.

Appropriateness

Appropriateness relates to several categories involving how persons and groups should be referred to and addressed based on inclusiveness and context. The term “politically correct” has been overused to describe the growing sensitivity to how the power of language can marginalize or exclude individuals and groups. While there are silly extremes such as the term “vertically challenged” for “short,” these examples overlook the need to be inclusive about language. Overall, people and groups should be respected and referred to in the way they choose to be. Using inclusive language in your speech will help ensure you aren’t alienating or diminishing any members of your audience.

Gender-Inclusive Language

The first common form of non-inclusive language is language that privileges one of the sexes over the other. There are three common problem areas that speakers run into while speaking: using “he” as generic, using “man” to mean all humans, and gender-typing jobs. Consider the statement, “Every morning when an officer of the law puts on his badge, he risks his life to serve and protect his fellow citizens.” Obviously, both male and female police officers risk their lives when they put on their badges.

A better way to word the sentence would be, “Every morning when officers of the law put on their badges, they risk

Irony

the expression of one's meaning by using language that normally signifies the opposite, typically for humorous or emphatic effect

Appropriateness

how persons and groups should be referred to and addressed based on inclusiveness and context

Exclusive Language	Inclusive Language
Policeman	Police officer
Businessman	Businessperson (or better, use specific language such as manager, accountant, business owner, entrepreneur)
Fireman	Firefighter
Stewardess	Flight attendant
Waiters	Wait staff / servers
Mailman	Letter carrier / postal worker

Table 10.1—Gender-inclusive job titles

their lives to serve and protect their fellow citizens.” Notice that in the better sentence, we made the subject plural (“officers”) and used neutral pronouns (“they” and “their”) to avoid the generic “he.” Likewise, speakers of English have traditionally used terms like “man,” and “mankind” when referring to both females and males. Instead of using the word “man,” refer to the “human race.”

The last common area where speakers get into trouble with gender and language has to do with job titles. It is not unusual for people to assume, for example, that doctors are male and nurses are female. As a result, they may say “she is a woman doctor” or “he is a male nurse” when mentioning someone’s occupation, perhaps not realizing that the statements “she is a doctor” and “he is a nurse” already inform the listener as to the sex of the person holding that job. Table 10.1 includes some variations that are gender-inclusive.

Ethnic Identity

Ethnic identity refers to a group an individual identifies with based on a common culture. For example, within the United States we have numerous ethnic groups, including Italian Americans, Irish Americans, Japanese Americans, Vietnamese Americans, Cuban Americans, and Mexican Americans. As with the earlier example of “male nurse,” avoid statements such as “The committee is made up of four women and a Vietnamese man.” All that should be said is, “The committee is made up of five people.”

Ethnic Identity

a group an individual identifies with based on a common culture

Exclusive Language	Inclusive Language
Handicapped People	People with disabilities
Insane Person	Person with a psychiatric disability (or label the psychiatric diagnosis, e.g. “person with schizophrenia”)
Person in a wheelchair	Person who uses a wheelchair
Crippled	Person with a physical disability
Special needs program	Accessible needs program
Mentally retarded	Person with an intellectual disability

Table 10.2—Inclusive Language for Disabilities

If for some reason gender and ethnicity *have* to be mentioned—and usually it does not—the gender and ethnicity of each member should be mentioned equally. “The committee is made up of three European-American women, one Latina, and one Vietnamese male.” In recent years, there has been a trend toward steering inclusive language away from broad terms like “Asians” and “Hispanics” because these terms are not considered precise labels for the groups they actually represent. If you want to be safe, the best thing you can do is ask a couple of people who belong to an ethnic group how they prefer to label themselves.

Disability

The last category of exclusive versus inclusive language that causes problems for some speakers relates to individuals with physical or intellectual disabilities or forms of mental illness. Sometimes it happens that we take a characteristic of someone and make that the totality or all of what that person is. For example, some people are still uncomfortable around persons who use wheelchairs and don't know how to react. They may totalize and think that the wheelchair defines and therefore limits the user. The person in the wheelchair might be a great guitarist, sculptor, parent, public speaker, or scientist, but that's not seen, only the wheelchair. Table 10.2 (“Inclusive Language for Disabilities”) provides some other examples of exclusive versus inclusive language.

Although the terms “visually impaired” and “hearing impaired” are sometimes used for “blind” and “deaf,” this is another situation where the person should be referred to as he or she prefers. “Hearing impaired” denotes a wide range of hearing deficit, as does “visually impaired.” “Deaf” and “blind” are not generally considered offensive by these groups.

Another example is how to refer to what used to be called “autism.” Saying someone is “autistic” is similar to the word “retarded” in that neither is appropriate any longer. Preferable terms are “a person with an autism diagnosis” or “a person on the autism spectrum.” In place of “retarded,” “a person with intellectual disabilities” should be used.

Other Types of Appropriateness

Language in a speech should be appropriate to the speaker and the speaker’s background and personality, to the context, to the audience, and to the topic. Let’s say that you’re an engineering student. If you’re giving a presentation in an engineering class, you can use language that other engineering students will know. On the other hand, if you use that engineering vocabulary in a public speaking class, many audience members will not understand you. As another example, if you are speaking about the Great Depression to an audience of young adults or recent immigrants, you can’t assume they will know the meaning of terms like “New Deal” and “WPA,” which would be familiar to an audience of senior citizens. Audience analysis is a key factor in choosing the language to use in a speech.

Likewise, the language you may employ if you’re addressing a student assembly in a high school auditorium will differ from the language you would use at a business meeting in a hotel ballroom. If you are speaking about the early years of The Walt Disney Company, would you want to refer to Walt Disney as a “thaumaturgic” individual (i.e., one who works wonders or miracles)? While the word “thaumaturgic” may be accurate, is it the most appropriate for the topic at hand?

10.3 – Developing Your Ability to Use Effective Language in Public Speaking

At this point, we will make some applications and suggestions about using language as you grow as a public speaker.

First, get in the habit of using “stipulated definitions” with concrete examples (defining operationally). In other words, define your terms for the audience. If you are using jargon, a technical term, or a word that has multiple meanings in different

contexts or is a misunderstood word, say at the beginning of the body of your speech, "In this speech I am going to be using the word, "X," and what I mean by it is..." And then the best way to define a word is with a picture or example of what you mean, and perhaps also an example of what you *don't* mean (visual aids can help here). Don't worry; this is not insulting to most audiences if the word is technical or unfamiliar to them. On the other hand, as mentioned earlier in the textbook, providing dictionary definitions of common words such as "love" or "loyalty" would be insulting to an audience.

Second, develop specific language. The general semanticist movement suggested ways to develop more specific language and language that reflects the imperfection of our perceptions and the fact that reality changes. You can develop specific language by:

- Distinguishing between individuals and the group (that is, avoid stereotyping). Russian 1 is not Russian 2 is not Russian 3, etc., and none of them are all the Russians in the world.
- Specifying time and place of behavior instead of making broad statements. What was true of a person in 1999 is not necessarily true of the person now.
- Using names for jobs or roles ("accountants," "administrative assistants," "instructors") instead of "people" or "workers."
- Avoid "always/never" language. "Always" and "never" usually do not reflect reality and tend to make listeners defensive.
- Avoid confusing opinion for fact. If I say, "*Forrest Gump* is a stupid movie," I am stating an opinion in the language of fact. If you preface opinions with "I believe," or "It is my opinion" you will be truthful and gain the appearance of being fair-minded and non-dogmatic. What should be said is "The first time I saw *Forrest Gump*, I didn't realize it was a farce, but after I saw it a second time, I understood it better." Notice that "I thought it was insulting to my intelligence" is much more specific and clarifying than "is a stupid movie."

Third, personalize your language. In a speech it's fine to use personal pronouns as opposed to third person. That means "I," "me," "we," "us," "you," etc. are often helpful in a speech. It gives more immediacy to the speech. Be careful of using "you" for examples that might be embarrassing. "Let's say you are

arrested for possession of a concealed weapon," sounds like the audience members are potential criminals!

Finally, develop your vocabulary, but not to show it off. One of the benefits of a college education is that your vocabulary will expand greatly, and it should. A larger vocabulary will give you access to more complicated reading material and allow you to understand the world better. But knowing the meaning of a more complicated word doesn't mean you have to use it with every audience.

Conclusion

Although the placement of this chapter may seem to indicate that language choices, or what the ancient rhetoricians called "style," are not as important as other parts of speaking, language choices are important from the very beginning of your speech preparation, even to your research and choice of search terms. Audience analysis will help you to develop language that is clear, vivid, appropriate, credible, and persuasive.

Something to Think About

What are some of the clichés and slang that have become popular recently? What do they mean? Why would they not be useful in public speaking? As a class, check out the [Banned Words website by Lake Superior State University](#).

Exploring Public Speaking: The Free Dalton State College Public Speaking Textbook Part 2 Chapters 11-15 and Appendices

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Chapter 11

Delivery



Learning Objectives

After reading this chapter the student will be able to:

- ◇ Identify the different methods of speech delivery;
- ◇ Identify key elements in preparing to deliver a speech;
- ◇ Understand the benefits of delivery-related behaviors;
- ◇ Utilize specific techniques to enhance speech delivery.

Chapter Preview

11.1 – The Importance of Delivery

11.2 – Methods of Speech Delivery

11.3 – Preparing For Your Delivery

11.4 – Practicing Your Delivery

11.5 – What to do When Delivering Your Speech

11.1 – The Importance of Delivery

As we stated in Chapter 1, some surveys indicate that more people fear public speaking than they do death, but that is somewhat misleading. No one is afraid of writing their speech or conducting the research: people generally only fear the delivery aspect of the speech, which, compared to the amount of time you will put into writing the speech (days, hopefully), will be the shortest part of the speech giving process (5-8 minutes, generally, for classroom speeches). The irony, of course, is that delivery, being the thing people fear the most, is simultaneously the aspect of public speaking that will require the least amount of time.

Consider this scenario about two students, Bob and Chris. Bob spends weeks doing research and crafting a beautifully written speech that, on the day he gets in front of the class, he messes up a little because of nerves. While he may view it as a complete failure, his audience will have gotten a lot of good information, and most likely written off his mistakes due to nerves (surely they would be nervous in the same situation!).

Chris, on the other hand, does almost no preparation for his speech, but, being charming and comfortable in front of a crowd, smiles a lot while providing virtually nothing of substance. The audience takeaway from Chris's speech is, "I have no idea what he was talking about" and other feelings ranging from "He's good in front of an audience" to "I don't trust him." So the moral here is that a well-written speech that is delivered poorly is still a well-written speech, whereas a poorly-written speech delivered superbly is still a poorly-written speech.

Despite this irony, however, we realize that delivery is what you are probably most concerned about when it comes to giving speeches, so this chapter is designed to help you give the best delivery possible and eliminate some of the nervousness you might be feeling. To do that, we should first dismiss the myth that public speaking is just reading and talking at the same time. You already know how to read, and you already know how to talk, which is why you're taking a class called "public speaking" and not one called "public talking" or "public reading."

Speaking in public has more formality than talking. During a speech, you should present yourself professionally. This doesn't necessarily mean you must wear a suit or "dress up" (unless your instructor asks you to), but it does mean making yourself presentable by being well groomed and wearing clean, appropriate clothes. It also means being prepared to use language correctly and appropriately for the audience and the topic, to make eye

contact with your audience, and to look like you know your topic very well.

While speaking has more formality than talking, it has less formality than reading. Speaking allows for flexibility, meaningful pauses, eye contact, small changes in word order, and vocal emphasis. Reading is a more or less exact replication of words on paper without the use of any nonverbal interpretation. Speaking, as you will realize if you think about excellent speakers you have seen and heard, provides a more animated message.

11.2 – Methods of Speech Delivery

What follows are four methods of delivery that can help you balance between too much and too little formality when giving a speech. Each has its own strengths and weaknesses, but you will most likely want to focus on the extemporaneous approach, since that is what your instructor will want from you.

Impromptu Speaking

Impromptu speaking is the presentation of a short message without advance preparation. You have probably done impromptu speaking many times in informal, conversational settings. Self-introductions in group settings are examples of impromptu speaking: “Hi, my name is Steve, and I’m a volunteer with the Homes for the Brave program.” Another example of impromptu speaking occurs when you answer a question such as, “What did you think of the movie?” Your response has not been preplanned, and you are constructing your arguments and points as you speak. Even worse, you might find yourself going into a meeting and your boss says, “I want you to talk about the last stage of the project. . . .” and you had no warning.

The advantage of this kind of speaking is that it’s spontaneous and responsive in an animated group context. The disadvantage is that the speaker is given little or no time to contemplate the central theme of his or her message. As a result, the message may be disorganized and difficult for listeners to follow.

Here is a step-by-step guide that may be useful if you are called upon to give an impromptu speech in public:

1. Take a moment to collect your thoughts and plan the main point you want to make.
2. Thank the person for inviting you to speak. Do not make comments about being unprepared, called upon at the last

Impromptu speaking

the presentation of a short message without advance preparation

moment, on the spot, or uneasy. No one wants to hear that and it will embarrass others and yourself.

3. Deliver your message, making your main point as briefly as you can while still covering it adequately and at a pace your listeners can follow.
4. If you can use a structure, using numbers if possible: “Two main reasons . . .” or “Three parts of our plan. . .” or “Two side effects of this drug. . .” Past, present, and future or East Coast, Midwest, and West Coast are pre-fab structures.
5. Thank the person again for the opportunity to speak.
6. Stop talking (it is easy to “ramble on” when you don’t have something prepared). If in front of an audience, don’t keep talking as you move back to your seat.

As you can see, impromptu speeches are generally most successful when they are brief and focus on a single point.

Manuscript Speaking

Manuscript speaking

the word-for-word iteration of a written message

Manuscript speaking is the word-for-word iteration of a written message. In a manuscript speech, the speaker maintains his or her attention on the printed page except when using visual aids. The advantage to reading from a manuscript is the exact repetition of original words. In some circumstances this can be extremely important. For example, reading a statement about your organization’s legal responsibilities to customers may require that the original words be exact. In reading one word at a time, in order, the only errors would typically be mispronunciation of a word or stumbling over complex sentence structure. A manuscript speech may also be appropriate at a more formal affair (like a funeral), when your speech must be said exactly as written in order to convey the proper emotion or decorum the situation deserves.

However, there are costs involved in manuscript speaking. First, it’s typically an uninteresting way to present. Unless the speaker has rehearsed the reading as a complete performance animated with vocal expression and gestures (well-known authors often do this for book readings), the presentation tends to be dull. Keeping one’s eyes glued to the script prevents eye contact with the audience. For this kind of “straight” manuscript speech to hold audience attention, the audience must be already interested in the message and speaker before the delivery begins.

It is worth noting that professional speakers, actors, news reporters, and politicians often read from an autocue device, such as a TelePrompTer, especially when appearing on television, where eye contact with the camera is crucial. With practice, a speaker can achieve a conversational tone and give the impression of speaking extemporaneously and maintaining eye contact while using an autocue device. However, success in this medium depends on two factors: (1) the speaker is already an accomplished public speaker who has learned to use a conversational tone while delivering a prepared script, and (2) the speech is written in a style that sounds conversational and in spoken rather than written, edited English.

For the purposes of your public speaking class, you will not be encouraged to read your speech. Instead, you will be asked to give an extemporaneous presentation.

Extemporaneous Speaking

Extemporaneous speaking is the presentation of a carefully planned and rehearsed speech, spoken in a conversational manner using brief notes. By using notes rather than a full manuscript, the extemporaneous speaker can establish and maintain eye contact with the audience and assess how well they are understanding the speech as it progresses. And since you will be graded (to some degree) on establishing and maintaining eye contact with your audience, extemporaneous speaking can be extremely beneficial in that regard. Without all the words on the page to read, you have little choice but to look up and make eye contact with your audience. In some cases, your instructor will require you to prepare strong outlines as a foundation for your speech; this topic is addressed in Chapter 6.

Speaking extemporaneously has some advantages. It promotes the likelihood that you, the speaker, will be perceived as knowledgeable and credible since you know the speech well enough that you don't need to read it. In addition, your audience is likely to pay better attention to the message because it is engaging both verbally and nonverbally. It also allows flexibility; you are working from the strong foundation of an outline, but if you need to delete, add, or rephrase something at the last minute or to adapt to your audience, you can do so.

The disadvantage of extemporaneous speaking is that in some cases it does not allow for the verbal and the nonverbal preparation that are almost always required for a good speech. Adequate preparation cannot be achieved the day before you're

Extemporaneous speaking

the presentation of a carefully planned and rehearsed speech, spoken in a conversational manner using brief notes

scheduled to speak, so be aware that if you want to present a credibly delivered speech, you will need to practice many times. Because extemporaneous speaking is the style used in the great majority of public speaking situations, most of the information in the subsequent sections of this chapter is targeted toward this kind of speaking.

Memorized Speaking

Memorized speaking

the rote recitation of a written message that the speaker has committed to memory

Memorized speaking is the rote recitation of a written message that the speaker has committed to memory. Actors, of course, recite from memory whenever they perform from a script in a stage play, television program, or movie scene. When it comes to speeches, memorization can be useful when the message needs to be exact and the speaker doesn't want to be confined by notes.

The advantage to memorization is that it enables the speaker to maintain eye contact with the audience throughout the speech. Being free of notes means that you can move freely around the stage and use your hands to make gestures. If your speech uses visual aids, this freedom is even more of an advantage.

Vocal cues

the subtle but meaningful variations in speech delivery, which can include the use of pitch, tone, volume, and pace

However, there are some real and potential costs. First, unless you also plan and memorize every **vocal cue** (the subtle but meaningful variations in speech delivery, which can include the use of pitch, tone, volume, and pace), gesture, and facial expression, your presentation will be flat and uninteresting, and even the most fascinating topic will suffer. You might end up speaking in a monotone or a sing-song repetitive delivery pattern. You might also present your speech in a rapid "machine-gun" style that fails to emphasize the most important points.

Second, if you lose your place and start trying to ad lib, the contrast in your style of delivery will alert your audience that something is wrong. More frighteningly, if you go completely blank during the presentation, it will be extremely difficult to find your place and keep going. Obviously, memorizing a typical seven-minute classroom speech takes a great deal of time and effort, and if you aren't used to memorizing, it is very difficult to pull off. Realistically, you probably will not have the time necessary to give a completely memorized speech. However, if you practice adequately, you will approach the feeling of memorized while still being extemporaneous.

As we said earlier, for the purposes of this class you will use extemporaneous speaking. Many professional speakers who

are paid to make speeches use this approach because, while they may largely know what they want to say, they usually make changes and adjustments based on the audience or event. This approach also incorporates most of the benefits of memorized speaking (knowing what you want to say; being very thoroughly rehearsed) and manuscript speaking (having some words in front of you to refer to) without the inherent pitfalls those approaches bring with them.

11.3 – Preparing For Your Delivery

In the 1970s, before he was an author, playwright, and film actor, Steve Martin was an up-and-coming stand-up comedian whose popularity soared as a result of his early appearances on *The Tonight Show* with Johnny Carson and *Saturday Night Live*. As Martin notes in his autobiography, *Born Standing Up* (2008), as the audiences for his act got bigger and bigger, he needed to adapt his delivery to accommodate:

Some promoters got on board and booked me into a theater in Dallas. Before the show I asked one of them, “How many people are out there?” “Two thousand,” he said. Two thousand? How could there be two thousand? That night I did my usual bit of taking people outside, but it was starting to get dangerous and difficult. First, people were standing in the streets, where they could be hit by a car. Second, only a small number of the audience could hear or see me (could Charlton Heston really have been audible when he was addressing a thousand extras?). Third, it didn’t seem as funny or direct with so many people; I reluctantly dropped it from my repertoire. (p. 168)

Martin’s audiences would grow to be around 50,000 at the height of his popularity as a stand-up, again requiring him to make adjustments to his delivery (he began wearing his iconic all-white suit so that people in the nosebleed seats at his shows could still see his frenetic movements from afar). Most of us will never speak to so many people at once, but even though you don’t expect an audience of such size, you should still be prepared to adapt to the setting in which you will speak.

Your audiences, circumstances, and physical contexts for public speaking will vary. At some point in your life you may run for public office or rise to a leadership role in a business or volunteer organization. Or you may be responsible for informing coworkers about a new policy, regulation, or opportunity. You

may be asked to deliver remarks in the context of a worship service, wedding, or funeral. You may be asked to introduce a keynote speaker or simply to make an important announcement in some context. Sometimes you will speak in a familiar environment, while at other times you may be faced with an unfamiliar location and very little time to get used to speaking with a microphone. Being prepared to deal with different speaking situations will help reduce anxiety you may have about giving a speech, so let's look at factors you need to keep in mind as you prepare for your speech in this class, as well as future speeches you may need to give.

Using Lecterns

Lectern

a small raised surface, usually with a slanted top, where a speaker can place notes during a speech

A **lectern** is a small raised surface, usually with a slanted top, where a speaker can place notes during a speech. While a lectern adds a measure of formality to the speaking situation, it also allows speakers the freedom to do two things: to come out from behind the lectern to establish more immediate contact with the audience and to use both hands for gestures.

However, for inexperienced speakers who feel anxious, it is all too tempting to grip the edges of the lectern with both hands for security. You might even wish you could hide behind it. Be aware of these temptations so you can manage them effectively and present yourself to your audience in a manner they will perceive as confident. One way to achieve this is by limiting your use of the lectern to a place to rest your notes only. Try stepping to the side or front of the lectern when speaking with free hands, only occasionally standing at the lectern to consult your notes. This will enhance your eye contact as well as free up your hands for gesturing. Figures 11.1-11.3 on page 259 give some examples of posture for speaking with a lectern.

Speaking in a Small or Large Physical Space

If you are accustomed to being in a classroom of a certain size, you will need to make adjustments when speaking in a smaller or larger space than what you are used to. A large auditorium can be intimidating, especially for speakers who feel shy and “exposed” when facing an audience. However, the maxim that “proper preparation prevents poor performance” is just as true here as anywhere. If you have prepared and practiced well, you can approach a large-venue speaking engagement with confidence.

In terms of practical adjustments, be aware that your voice is likely to echo, especially if far fewer people are in the space than

it can hold, so you will want to speak more slowly than usual and make use of pauses to mark the ends of phrases and sentences. Similarly, your facial expressions and gestures should be larger so that they are visible from farther away. If you are using visual aids, they need to be large enough to be visible from the back of the auditorium. Of course, if you can get the audience to move to the front, that is the best situation, but it tends not to happen.

Limited space is not as disconcerting for most speakers as enormous space, and it has the advantage of minimizing the tendency to pace back and forth while you speak. A small space also calls for more careful management of note cards and visual aids, as your audience will be able to see up close what you are doing with your hands. Do your best to minimize fumbling, including setting up in advance or arriving early to decide how to organize your materials in the physical space. Of course, if you have any control over the location of the presentation, you should choose one that fits the size of your audience.

Speaking Outdoors

Outdoor settings can be charming, but they are prone to distractions. If you're giving a speech in a setting that is picturesque beautiful or prone to noise such as from cars, it may be difficult to maintain the audience's attention. If you know this ahead of time, you might plan your speech to focus more on mood than information and perhaps to make reference to the lovely view.

More typically, outdoor speech venues can pose challenges with weather, sun glare, and uninvited guests, such as insects and pigeons. If the venue is located near a busy highway, it might be difficult to make yourself heard over the ambient noise. You might lack the usual accommodations, such as a lectern or table. Whatever the situation, you will need to use your best efforts to project your voice clearly without sounding like you're yelling or straining your voice.

Using a Microphone

Most people today are familiar with microphones that are built into video recorders, phones, and other electronic devices, but they may be new at using a microphone to deliver a speech. One overall principle to remember is that a microphone only amplifies, it does not clarify. If you are not enunciating clearly, the microphone will merely enable your audience to hear amplified mumbling.

Microphones come in a wide range of styles and sizes. Generally, the easiest microphone to use is the clip-on style worn on the front of your shirt or blouse. If you look closely at many television personalities and news anchors, you will notice these tiny microphones clipped to their clothing. They require very little adaptation. You simply have to avoid looking down—at your notes, for instance—because your voice will be amplified when you do so. If you have to use a hand-held microphone, making gestures and using notes becomes very difficult.

Lectern and handheld microphones require more adaptation. If they're too close to your mouth, they can screech. If they're too far away, they might not pick up your voice. Some microphones are directional, meaning that they are only effective when you speak directly into them. If there is any opportunity to do so, ask for tips about how to use a particular microphone and practice with it for a few minutes while you have someone listen from a middle row in the audience and signal whether you can be heard well. The best plan, of course, would be to have access to the microphone for practice ahead of the speaking date.

Often a microphone is provided when it isn't necessary. If the room is small or the audience is close to you, do not feel obligated to use the microphone. Sometimes an amplified voice can feel less natural and less compelling than a direct voice. However, if you forgo the microphone, make sure to speak loudly enough for all audience members to hear you—not just those in front.

Audience Size

A small audience is an opportunity for a more intimate, minimally formal tone. If your audience has only eight to twelve people, you can generate greater audience contact. Make use of all the preparation you have done. You do not have to revamp your speech just because the audience is small. When the presentation is over, there will most likely be opportunities to answer questions and have individual contact with your listeners.

One problem with a small audience is that some people will feel it is their right, or they have permission, to interrupt you or raise their hands to ask questions in the middle of your speech. This makes for a difficult situation, because the question may be irrelevant to your topic or cause you to go on a side track if answered. The best you can do is say you'll try to deal with that question at the end of the speech if you have time and hope they take the hint. Better, good rules should be established at the beginning that state there is limited time but discussion may be possible at the end.



Figure 11.1

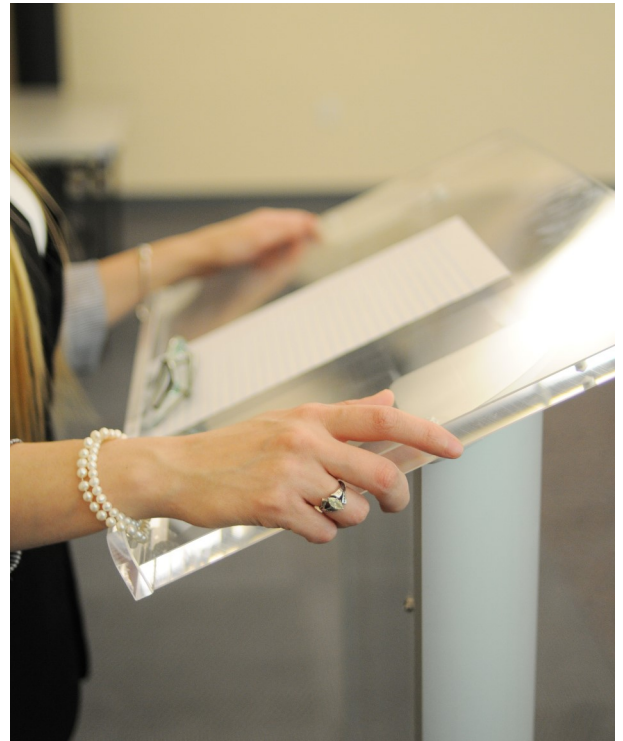


Figure 11.2



Figure 11.3

Your classroom audience may be as many as twenty to thirty students. The format for an audience of this size is still formal but conversational. Depending on how your instructor structures the class, you may or may not be asked to leave time after your speech for questions and answers. Some audiences are much larger. If you have an audience that fills an auditorium, or if you have an auditorium with only a few people in it, you still have a clearly formal task, and you should be guided as much as possible by your preparation.

11.4 – Practicing Your Delivery

There is no foolproof recipe for good delivery. Each of us is unique, and we each embody different experiences and interests. This means each person has an approach, or a style, that is effective for her or him. This further means that anxiety can accompany even the most carefully researched and interesting message. But there are some techniques you can use to minimize that anxious feeling and put yourself in the best possible position to succeed on speech day.

If you've ever watched your favorite college football team practice, you may have noticed that sometimes they blare obnoxiously loud crowd noise over the speaker system in the stadium. The reason is because they know that the crowd, whether home or away, will be raucous and noisy on game day. So to prepare, they practice in as realistic an environment as possible. You need to prepare for your speech in a similar way. What follows are some general tips you should keep in mind, but they all essentially derive from one very straight-forward premise:

Practice your speech beforehand, at home or elsewhere, the way you will give it in class.

Practice Your Speech Out Loud

We sometimes think that the purpose of practicing a speech is to learn the words and be prepared for what we will need to say. Certainly that is part of it, but practice also lets you know where potential problems lie. For example, if you only read your speech in your head, or whisper the words quietly so no one in the next room can hear, you're not really practicing what you will be doing in front of the class. Since you will be speaking with a normal volume for your assignment, you need to practice that way, even at home. Not only will this help you learn the speech, but it will help identify any places where you tend to mispronounce words. Also, sentences on paper do not always translate

well to the spoken medium. Practicing out loud allows you to actually hear where you have trouble and fix it before getting up in front of the audience.

Practice Your Speech Standing Up

In all the time that the authors of this book have been teaching speech, not once have either of us come into a classroom and seen a bed behind the lectern for students to speak from. This is to say that when you practice at home, lying on your bed reading your speech really only prepares you for one thing: lying on a bed reading a speech. Since you will be standing in front of your class, you need to practice that way. As we mention in more detail below, the default position for delivering a speech is with your feet shoulder-width apart and your knees slightly bent. Practicing this way will help develop muscle memory and will make it feel more natural when you are doing it for real.

Practice Your Speech with a Lectern

One of the biggest challenges with practicing a speech as you're going to give it is usually the fact that most of us don't own a lectern. This is problematic, since you don't want to practice giving your speech while holding your notes in front of you because that is what will feel comfortable when you give your speech for real. So the solution is to practice your speech while standing behind something that approximates the lectern you will have in your classroom. Sometime this may be a kitchen counter or maybe even a dresser you pull away from the wall. One particularly creative idea that has been used in the past is to pull out an ironing board and stand behind that. The point is that you want to get experience standing behind something and resting your speech on it.

Of course, if you really want to practice with an actual lectern, it might be worth the time to see if your classroom is empty later in the day or find out if another classroom has the same type of lectern in it. Practicing with the real thing is always ideal, and Dalton State provides plenty of classroom space to do just that if you look hard enough. The presentation lab in Roberts Library is another option.

Practice Your Speech with an Audience

Obviously on the day you give your speech you will have an audience of your fellow students and your professor watching you. The best way to prepare for the feeling of having someone watch you while giving a speech is to have someone watch you

while you *practice* giving a speech. We don't mean a collection of stuffed animals arranged on your bed or locking your pets in the room with you, but actual human beings. Ask your parents, siblings, friends, or significant other to listen to you while running through what you will say. Not only will you get practice in front of an audience, but they may be able to tell you about any parts that were unclear or problems you might encounter when you give it for a grade.

Not to overcomplicate the issue, but remember that when you speak to your class, you will have an entire room full of people watching, so if you only have one person watching you practice, be sure to simulate an entire audience by looking around the room and not focusing on just that one person. When you give your speech for real, you will want to make eye contact with the people on the left side of the room as well as the right; with the people in the front as well as in the back. You also want the eye contact to be around 5 second long, not just a glance; the idea is that you are talking to individuals, not just a glob of people. During practice, it may help to pick out some strategically placed objects around the room to occasionally glance at just to get into the habit of looking around more often.

Practice Your Speech for Time

You will undoubtedly be given a time limit for each of your speeches, and points will be deducted if you go over or under that time. Therefore, you want to make sure you are well within time. As a general rule, if your speech window is 5-7 minutes, your ideal speech time is going to be 6 minutes; this gives you an extra 60 seconds at the beginning in case you talk very fast and race through it, and 60 second on the back end in case you get lost or something goes wrong. If you practice at home and your 5-7 minute speech lasts 5:06, you are probably going to be in trouble on speech day. Most likely your nerves will cause you to speak slightly faster and put you under the 5:00 mark.

When practicing your speech at home for time, it is a good idea to time yourself at least three times. This way you can see if you are generally coming in around the same time and feel pretty good that it is an accurate reflection of how long you will speak. Conversely, if during your three rehearsals your times are 5:45, 5:12, and 6:37, then that is a clear indicator that you need to be more consistent in what you are saying and doing.

Although we are using examples of practicing for classroom speeches, the principle is even more important for non-classroom speeches. One of the authors had to give a very important presentation about the college to an accreditation

board . She practiced about 15 times, to make sure the time was right, that her transitions made sense, that she was fluid, and that the presentational slides and her speech matched. Each time something improved.

Practice Your Speech by Filming Yourself

There is nothing that gets us to change what we're doing or correct a problem quicker than seeing ourselves doing something we don't like on video. Your instructor may film your speech in class and have you critique it afterwards, but it may be more helpful to do that in *advance* of giving your speech. By watching yourself, you will notice all the small things you do that might prove to be distracting (or cost you points) during the actual speech. Many times students aren't aware that they have low energy, bounce, sway, pull at their clothes, play with hair or jewelry, or make other unusual and distracting movements until they see themselves doing it. And, since we are generally our own harshest critics, you will be quick to notice any flaws in your speech and correct them.

It is important enough that it deserves reiterating:

Practice your speech beforehand, at home or elsewhere, the way you will give it in class.

Following these steps will not only prepare you better for delivering the speech, but they may also help reduce anxiety since



you will feel more familiar with the situation you find yourself in when faced with a speaking engagement. Additionally, the more you speak publicly, whether for practice or in front of a live audience, the more fluid you will become for later speeches.

11.5 – What to Do When Delivering Your Speech

The interplay between the verbal and nonverbal components of your speech can either bring the message vividly to life or confuse or bore the audience. Therefore, it is best that you neither overdramatize your speech delivery behaviors nor downplay them. This is a balance achieved through rehearsal, trial and error, and experience. One way to think of this is in terms of the Goldilocks paradigm: you don't want to overdo the delivery because you might distract your audience by looking hyper or overly animated. Conversely, someone whose delivery is too understated (meaning they don't move their hands or feet at all) looks unnatural and uncomfortable, which can also distract. Just like Goldilocks, you want a delivery that is "just right" (Figure 11.4, page 266). This middle ground between too much and too little is a much more natural approach to public speaking delivery, which will be covered in more specific detail in the following sections where we discuss specific aspects of your delivery and what you need to think about while actually giving your speech.

Hands

Everyone who gives a speech in public gets scared or nervous. Even professionals who do this for a living feel that way, but they have learned how to combat those nerves through practice. When we get scared or nervous, our bodies emit adrenaline into our systems so we can deal with whatever problem is causing us to feel that way. Unfortunately, you will need to be standing relatively still for the next 5-7 minutes, so that burst of adrenaline is going to try to work its way out of your body somehow, which can manifest itself through your hands.

It may sound funny, but we have seen more than one student unknowingly incorporate "jazz hands" (shaking your hands at your sides with fingers opened wide) at various points in their speech. While certainly an extreme example, this and behaviors like it can easily become distracting. At the other end of the scale, people who don't know what to do with their hands or use them "too little" sometimes hold their arms stiffly at their

sides, behind their backs, or in their pockets, all of which can also look unnatural and distracting.

The key for knowing what to do with your hands is to use them naturally as you would in normal conversation. If you were standing around talking to your friends and wanted to list three reasons why you should all take a road trip this weekend, you would probably hold up your fingers as you counted off the reasons (“First, we hardly ever get this opportunity. Second, we can...”). Try to pay attention to what you do with your hands in regular conversations and incorporate that into your delivery.

However, with all that said, if you have nothing else to do with your hands, the default position for them is to be resting gently on the sides of the lectern (see Figure 11.2). You don’t want to grip the lectern tightly, but resting them on the edges keeps them in position to move your notes on if you need to or use them to gesture. As stated above, you want to practice this way beforehand so you are used to speaking this way when you come to class.

Feet

Just like your hands, a lot of nervous energy is going to try to work its way out of your body through your feet. On the “too much” end, this is most common when people start “dancing” behind the lectern. Another variation is twisting feet around each other or the lower leg. On the other end are those who put their feet together, lock their knees, and never move from that position. Both of these options look unnatural, and therefore will prove to be distracting to your audience. (Locking your knees can also lead to loss of oxygen in your brain, not a good state to be in!)

The default position for your feet, then, is to have them shoulder-width apart with your knees slightly bent (see Figure 11.3). Since public speaking often results in some degree of physical exertion (see Chapter 1), you need to treat speaking as a physical activity like weight lifting or aerobics. Again, you want to look and feel natural, so it is fine to adjust your weight or move out from behind the lectern, but constant motion (or perpetual stillness) will do much more harm than good.

Objects

There is a very simple rule when it comes to what you should bring with you to the lectern when you give your speech: **Only bring to the lectern what you absolutely need to give the speech.** Anything else you have with you will only serve as a distraction for both you and the audience. For the purposes of this class, the only objects you should need to give

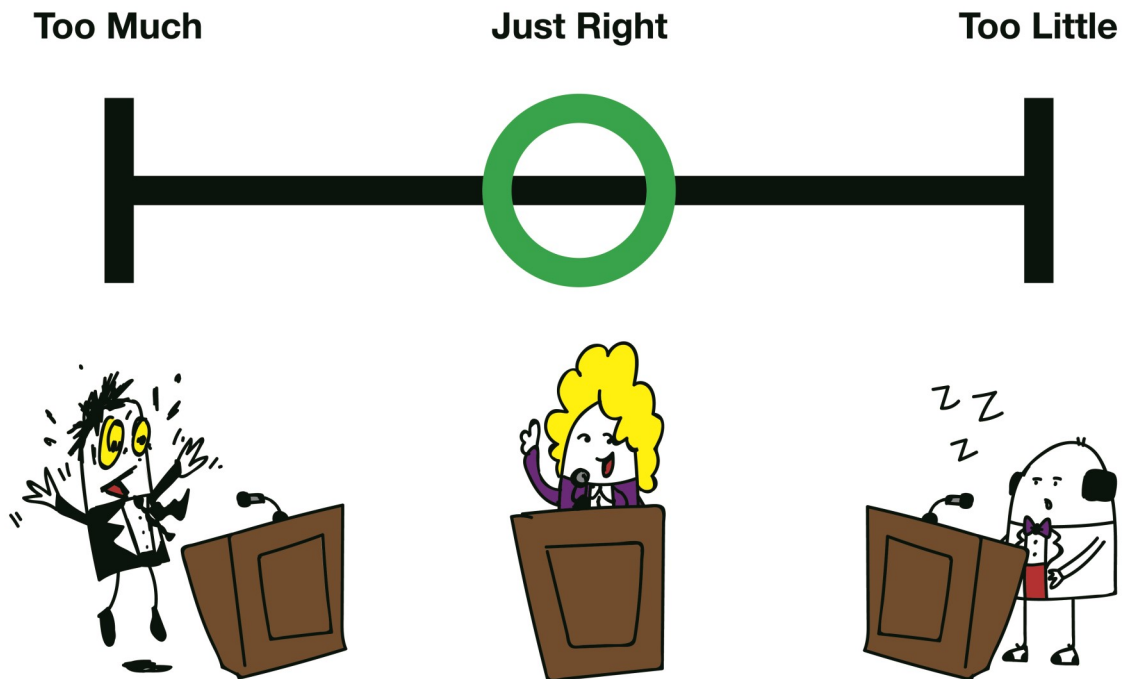


Figure 11.4 – The Goldilocks Paradigm of Delivery

your speech are whatever materials you are speaking from, and possibly a visual aid if you are using one. Beyond that, don't bring pens, laptops, phones, lucky charms, or notebooks with you to the lectern. Invariable these extra items are hassles, and can ultimately become a distraction themselves when they fall off the lectern or get in your way. Some students like to bring their electronic tablet, laptop computer, or cell phone with them, but there are some obvious disadvantages to these items (especially if you don't turn the ringer on your cell phone off!).

Not only do you need to be aware of what you bring with you, but you should also be aware of what you have on your person as well. Sometimes, in the course of dressing up for a speech, we can overlook simple issues that can cause problems while speaking. Some of these can include:

- Jewelry that 'jingles' when you move;
- Uncomfortable shoes or shoes that you are not used to (don't make speech day the first time you try wearing high heels);

- Anything with fringe, zippers, or things hanging off it. Like a cat, these become irresistible to play with while speaking (another way nervous energy manifests);
- For those with longer hair, remember that you will be looking down at your notes and then looking back up. Don't be forced to "fix" your hair or tuck it behind your ear every time you look up. Use a barrette, hairspray, or some other method to keep your hair totally out of your face so that the audience can see your eyes and you won't have to adjust your hair. It can be very distracting to an audience to watch a speaker pull hair of his or her face after every sentence.

The lectern

We have already discussed the lectern, but it is worth mentioning again briefly here. The lectern is a tool for you to use that should ultimately make your speech easier to give, and you need to use it that way. On the "too much" end, some people want to trick their audience into thinking they are not nervous by leaning on the podium in a relaxed manner, sometime going so far as to actually begin tipping the podium forward. Your lectern is not part of your skeletal system, to prop you up, so don't do this. On the "too little" end are those who are afraid to touch it, worried that they will use it incorrectly or somehow knock it over (you won't!).

As always, you want the "Goldilocks" middle ground. As stated above, rest your notes and hands on it, but don't lean on the lectern or "hug" it. Practicing with a lectern (or something similar to a lectern) will eliminate most of your fears about using it.

Eye Contact

As we've said consistently throughout this book, your audience is the single biggest factor that influences every aspect of your speech. And since eye contact is how you establish and maintain a rapport with your audience during your speech, it is an extremely important element of your delivery. The general rule of thumb is that 80% of your total speech time should be spent making eye contact with your audience (Lucas, 2015, p. 250). Your professor may or may not hold you to that standard, but regardless he or she will absolutely want to see you making an effort to engage your audience through looking directly at them.

What is important to note here is that you want to establish genuine eye contact with your audience, and not "fake" eye contact. There have been a lot of techniques generated for

“faking” eye contact, and none of them look natural. For example, these are not good ideas:

- Three points on the back wall – You may have heard that instead of making eye contact, you can just pick three points on the back wall and look at those. What ends up happening, though, is you look like you are staring off into space and your audience will spend the majority of your speech trying to figure out what you are looking at. To avoid this, look around the entire room, including the front, back, left, and right sides of the space.
- The swimming method – This happens when someone is reading his or her speech and looks up quickly and briefly to try to make it seem like they are making eye contact, not unlike a swimmer who pops his head out of the water for a breath before going back under. Eye contact is more than just physically moving your head; it is about looking at your audience and establishing a connection. In general, your eye contact should last at least five seconds at a time and should be with individuals throughout the room.
- The stare down – Since you will, to some degree, be graded on your eye contact, some students think (either consciously or not), that the best way to ensure they get credit for establishing eye contact is to always and exclusively look directly at their professor. While we certainly appreciate the attention, we want to see that you are establishing eye contact with your *entire* audience, not just one person. Also, this is probably uncomfortable for the instructor.

Volume

Volume

the relative softness or loudness of your voice

Volume refers to the relative softness or loudness of your voice. Like most of the other issues we’ve discussed in this section, the proper volume for a given speaking engagement usually falls on the scale in Figure 11.4. If you speak too softly (“too little” volume), your audience will struggle to hear and understand you and may give up trying to listen. If you speak with “too much” volume, your audience may feel that you are yelling at them, or at least feel uncomfortable with you shouting. The volume you use should fit the size of the audience and the room. Fortunately, for the purposes of this class, your normal speaking voice will probably work just fine since you are in a relatively small space with around twenty people. However, if you know that you are naturally a soft-spoken person or naturally a

very loud talker, you may want to make adjustments when giving your speech. Obviously this will all change if you are asked to speak in a larger venue or given a microphone to use.

Pitch

Pitch is the relative highness or lowness of your voice, and like everything, you can have too much or too little (with regard to variation of it). Too much pitch variation occurs when people “sing” their speeches, and their voices oscillate between very high pitched and very low pitched. While uncommon, this is sometimes attributed to nerves. More common is too little variation in pitch, which is known as being **monotone**.

Delivering a speech in a monotone manner is usually caused by reading too much; generally the speaker’s focus is on saying the words correctly (because they have not practiced) and they forget to speak normally to show their interest in the topic, as we would in everyday conversation. For most people, pitch isn’t a major issue, but if you think it might be for you, ask the people in your practice audience what they think. Generally, if we are interested in and passionate about communicating our thoughts, we are not likely to be monotone. We are rarely monotone when talking to friends and family about matters of importance to us, so pick topics you care about.

Rate

How quickly or slowly you say the words of your speech is the **rate**. Too little rate (i.e. speaking too slowly) will make it sound like you may not fully know your speech or what you are talking about, and will ultimately cost you some credibility with your audience. It may also result in the audience being bored and lose focus on what you are saying. By contrast, too much rate (i.e. speaking too fast) can be overly taxing on an audience’s ability to keep up with and digest what you are saying. It sometimes helps to imagine that your speech is a jog or run that you and your friends (the audience) are taking together. You (as the speaker) are setting the pace based on how quickly you speak. If you start sprinting, it may be too difficult for your audience to keep up and they may give up halfway through. Most people who speak very quickly know they speak quickly, and if that applies to you just be sure to practice slowing down and writing yourself delivery cues in your notes (see Chapter 6) to maintain a more comfortable rate.

You especially will want to maintain a good, deliberate rate at the beginning of your speech because your audience will be getting used to your voice. We have all called a business where the

Pitch

the relative highness or lowness of your voice

Monotone

a continuing sound, especially of someone's voice, that is unchanging in pitch and without intonation

Rate

the speed at which you speak; how quickly or slowly a speaker talks

person answering the phone mumbles the name of the business in a rushed way. We aren't sure if we called the right number. Since the introduction is designed to get the audience's attention and interest in your speech, you will want to focus on clear delivery there. Regulating rate is another reason why video-recording yourself can be so helpful because we often do not realize how fast we speak.

Pauses

The common misconception for public speaking students is that pausing during your speech is bad, but that isn't necessarily true. You pause in normal conversations, so you shouldn't be afraid of pausing while speaking. This is especially true if you are making a particularly important point or want for a statement to have a more powerful impact: you will want to give the audience a moment to digest what you have said.

For example, consider the following statement: "Because of issues like pollution and overpopulation, in 50 years the earth's natural resources will be so depleted that it will become difficult for most people to obtain enough food to survive." Following a statement like this, you want to give your audience just a brief moment to fully consider what you are saying. Hopefully they will think something along the lines of *What if I'm still alive then?* or *What will my children do?* and become more interested in hearing what you have to say.

Of course, there is such a thing as pausing too much, both in terms of frequency and length. Someone who pauses too often (after each sentence) may come off seeming like they don't know their speech very well. Someone who pauses too long (more than a few seconds), runs the risk of the audience feeling uncomfortable or, even worse becoming distracted or letting their attention wander. We are capable of processing words (input) more quickly than anyone can speak clearly, which is one of the reasons listening is difficult. Pauses should be controlled to maintain attention of the audience.

Vocalized pauses

pauses that incorporate some sort of sound or word that is unrelated to what is being said; "uh," "um," and "like" are well known examples

Vocalized pauses

At various points during your speech, you may find yourself in need of a brief moment to collect your thoughts or prepare for the next section of your speech. At those moments, you will be pausing, but we don't always like to let people know that we're pausing. So what many of us do in an attempt to "trick" the audience is fill in those pauses with sounds so that it appears that we haven't actually paused. These are known as **vocalized pauses**, or sometimes "fillers." Another term for them is "nonfluencies."

Everyone uses vocalized pauses to some degree, but not everyone's are problematic. This obviously becomes an issue when the vocalized pauses become distracting due to their over-use. We have little doubt that you can remember a time when you were speaking to someone who said the word "like" after every three words and you became focused on it. One of your authors remembers attending a wedding and (inadvertently) began counting the number of times the best man said "like" during his toast (22 was the final count). The most common vocalized pause is "uh," but then there are others. Can you think of any?

The bad news here is that there is no quick fix for getting rid of your vocalized pauses. They are so ingrained into all of our speech patterns that getting rid of them is a challenge. However, there is a two-step process you can employ to begin eliminating them. First, you need to identify what your particular vocalized pause is. Do you say "um," "well," or "now" before each sentence? Do you finish each thought with, "you know?" Do you use "like" before every adjective (as in "he was like so unhappy.")

After figuring out what your vocalized pause is, the second step is to carefully and meticulously try to catch yourself when you say it. If you hear yourself saying "uh," remind yourself, *I need to try to not say that*. Catching yourself and being aware of how often you use vocalized pauses will help you begin the process of reducing your dependence on them and hopefully get rid of them completely.

One of the authors uses a game in her class that she adopted from a couple of disc jockeys she used to hear. It is called the "uh game." The callers had to name six things in a named category (items in a refrigerator, pro-football teams, makes of cars, etc.) in 20 second without saying a vocalized pause word or phrase. It sounds easy, but it isn't. It is a good way to practice focusing on the content and not saying a nonfluency.

The ten items listed above represent the major delivery issues you will want to be aware of when giving a speech, but it is by no means an exhaustive list. There is however, one final piece of delivery advice we would like to offer. We know that no matter how hard you practice and how diligent you are in preparing for your speech, you are most likely going to mess up some aspect of your speech when you give it in class, at least a little. That's normal. Everyone does it. The key is to not make a big deal about it or let the audience *know* you messed up. Odds are that they will never even realize your mistake if you don't tell them there was a mistake. Saying something like "I can't believe I messed that up" or "Can I start over?" just telegraphs to the audience your mis-

take. In fact, you have most likely never heard a perfect speech delivered in your life. It is likely that you just didn't realize that the speaker missed a line or briefly forgot what she wanted to say.

As has been the driving maxim of this chapter, this means that you need to

Practice your speech beforehand, at home or elsewhere, the way you will give it in class.

Since you know you are likely going to make some sort of mistake in class, use your practice time at home to work on how you will deal with those mistakes. If you say a word incorrectly or start reading the wrong sentence, don't go back and begin that section anew. That's not what you would do in class, so just correct yourself and move on. If you practice dealing with your mistakes at home, you will be better prepared for the inevitable errors that will find their way into your speech in class.

Conclusion

Good delivery is meant to augment your speech and help convey your information to the audience. Anything that potentially distracts your audience means that fewer people will be informed, persuaded, or entertained by what you have said. Practicing your speech in an environment that closely resembles the actual situation that you will be speaking in will better prepare you for what to do and how to deliver your speech when it really counts.

Something to Think About

Each of us struggles with a certain aspect of delivery: voice, posture, eye contact, distracting movement, vocalized pauses, etc. What is yours? Based on this chapter and what you have already experienced in class, what is your biggest takeaway about improving delivery?

Chapter 12

Informative Speaking



Learning Objectives

After reading this chapter, the student will be able to:

- ◇ Recognize opinion versus factual information;
- ◇ Recognize the different types of informative speeches;
- ◇ Decide on the best organizational approach for types of informative speeches;
- ◇ Follow proven guidelines for preparing an informative speech;
- ◇ Construct an informative speech.

Chapter Preview

12.1 – What is an Informative Speech?

12.2 – Types of Informative Speeches

12.3 – Guidelines for Selecting an Informative Speech Topic

12.4 – Guidelines for Preparing an Informative Speech

12.1 – What is an Informative Speech?

Defining what an informative speech is can be both straight-forward and somewhat tricky at the same time. Very simply, an **informative speech** can first be defined as a speech based entirely and exclusively on *facts*. Basically, an informative speech conveys knowledge, a task that every person engages in every day in some form or another. Whether giving someone who is lost driving directions, placing an order at a restaurant, or explaining the plot of a movie to friends, people engage in forms of informative speaking daily. Secondly, an informative speech does not attempt to convince the audience that one thing is better than another. It does not advocate a course of action. Consider the following two statements:

$$2 + 2 = 4$$

George Washington was the first President of the United States.

In each case, the statement made is what can be described as **irrefutable**, meaning a statement or claim that cannot be argued. In the first example, even small children are taught that having two apples and then getting two more apples will result in having four apples. This statement is irrefutable in that no one in the world will (or should!) argue this: It is a fact.

Similarly, with the statement “George Washington was the first President of the United States,” this again is an irrefutable fact. If you asked one hundred history professors and read one hundred history textbooks, the professors and textbooks would all say the same thing: Washington was the first president. No expert, reliable source, or person with any common sense would argue about this.

(Someone at this point might say, “No, John Hanson was the first president.” However, he was president under the Articles of Confederation for a short period—November 5, 1781, to November 3, 1782—not under our present Constitution. This example shows the importance of stating your facts clearly and precisely and being able to cite their origins.)

What this is all leading to is to say that an informative speech should not incorporate **opinion as its basis**. This can be the tricky part of developing an informative speech, because some opinion statements sometime sound like facts (since they are generally agreed upon by many people), but are really opinion.

For example, in an informative speech on George Washington, you might say, “George Washington was one of the

Informative speech

a speech based entirely and exclusively on facts and whose main purpose is to inform rather than persuade, amuse, or inspire

Irrefutable

a statement or claim that cannot be argued

Opinion

a personal view, attitude, or belief about something

greatest presidents in the history of the United States.” While this statement may be agreed upon by most people, it is possible for some people to disagree and argue the opposite point of view. The statement “George Washington was one of the greatest presidents in the history of the United States” is *not* irrefutable, meaning someone could argue this claim. If, however, you present the opinion as just that from a source, as an opinion of someone, that is acceptable. You just don’t want your central idea, your main points, and the majority of your supporting material to be opinion.

Additionally, you should never take sides on an issue in an informative speech, nor should you “spin” the issue in order to influence the opinions of the listeners. Even if you are informing the audience about differences in views on controversial topics, you should simply and clearly explain the issue. This is not to say, however, that the audience’s needs and interests have nothing to do with the informative speech. We come back to the WIIFM principle (“What’s in it for me?”) because even though an informative speech is fact-based, it still needs to relate to people’s lives in order to maintain their attention.

The question may arise here, “If we can find anything on the Internet now, why bother to give an informative speech?” The answer lies in the unique relationship between audience and speaker found in the public speaking context. The speaker can choose to present information that is of most value to the audience. Secondly, the speaker is not just overloading the audience with data. As we have mentioned before, that’s not really a good idea because audiences cannot remember great amounts of data and facts after listening. The focus of the content is what matters. This is where the specific purpose and central idea come into play.

Finally, although we have stressed that the informative speech is fact-based and does not have the purpose of persuasion, information still has an indirect effect on someone. If a classmate gives a speech on correctly using the Heimlich Maneuver to help a choking victim, the side effect (and probably desired result) is that the audience would use it when confronted with the situation.

12.2 – Types of Informative Speeches

While the topics to choose from for informative speeches are nearly limitless, they can generally be pared down into four broad categories. Understanding the type of informative speech

that you will be giving can help you to figure out the best way to organize, research, and prepare for it, as will be discussed below.

Type 1: History

A common approach to selecting an informative speech topic is to discuss the history or development of something. With almost the entirety of human knowledge available via the Internet, finding information about the origins and evolution of almost anything is much easier than it has ever been (with the disclaimer that there are quite a few websites with false information out there). With that in mind, some of the areas that a historical informative speech could cover would include:

Objects (example: the baseball; the saxophone). Someone at some point in history was the first to develop what is considered the modern baseball. Who was it? What was it originally made of? How did it evolve into the baseball that is used by Major League Baseball today?

Places (example: Dalton State College; Disney World). There is a specific year that Dalton State College opened (1967), a specific number of students who were initially enrolled in the college (524), and it wasn't until 1998 that the school's name was officially changed to Dalton State College ("Dalton State College Timeline of Major Events," 2014). All of these facts can be used to provide an overall understanding of the college and its history.

Ideas (example: democracy; freedom of speech). It is possible to provide facts on an idea, although in some cases the information may be less precise. For example, while no one can definitively point to a specific date or individual who first developed the concept of democracy, it is known to have been conceived in ancient Greece (Raaflaub, Ober, & Wallace, 2007). By looking at the civilizations and cultures that adopted forms of democracy throughout history, it is possible to provide an audience with a better understanding of how the idea has been shaped into what it has become today.

Type 2: Biography

A biography is similar to a history, but in this case the subject is specifically a person, whether living or deceased. For the purposes of this class, biographies should focus on people of some note or fame, since doing research on people who are not at least mildly well-known could be difficult. But again, as with histories, there are specific and irrefutable facts that can help provide an overview of someone's life, such as dates that President Lincoln

was born (February 12, 1809) and died (April 15, 1865) and the years he was in office as president (1861-1865).

This might be a good place to address research and support. The basic dates of Abraham Lincoln's life could be found in multiple sources and you would not have to cite the source in that case. But if you use the work of a specific historian to explain how Lincoln was able to win the presidency in the tumultuous years before the Civil War, that would need a citation of that author and the publication.

Type 3: Processes

Examples of process speech topics would be how to bake chocolate chip cookies; how to throw a baseball; how a nuclear reactor works; how a bill works its way through Congress)

Process speeches are sometimes referred to as demonstration or "how to" speeches because they often entail demonstrating something. These speeches require you to provide steps that will help your audience understand how to accomplish a specific task or process. However, How To speeches can be tricky in that there are rarely universally agreed upon (i.e. irrefutable) ways to do anything. If your professor asked the students in his or her public speaking class to each bring in a recipe for baking chocolate chip cookies, would all of them be the exact same recipe?

Probably not, but they would all be similar and, most importantly, they would all give you chocolate chip cookies as the end result. Students giving a demonstration speech will want to avoid saying "You *should* bake the cookies for 12 minutes" since that is not how everyone does it. Instead, the student should say something like:

"You *can* bake the cookies for 10 minutes."

"*One option* is to bake the cookies for 10 minutes."

"*This particular recipe* calls for the cookies to be baked for 10 minutes."

Each of the previous three statements is absolutely a fact that no one can argue or disagree with. While some people may say 12 minutes is too long or too short (depending on how soft or hard they like their cookies), no one can reasonably argue that these statements are not true.

On the other hand, there is a second type of process speech that focuses not on how the audience can achieve a result, such as changing oil in their cars or cooking something, but on how a process is achieved. The goal is understanding and not perfor-



mance. After a speech on how to change a car tire, the audience members could probably do it (they might not want to, but they would know the steps). However, after a speech on how a bill goes through Congress, the audience would understand this important part of democracy but not be ready to serve in Congress.

Type 4: Ideas and Concepts

Sometimes an informative speech is designed to explain an idea or concept. What does democracy mean? What is justice? In this case, you will want to do two things. First, use the definition methods listed in Chapter 6, such as classification and differentiation. The second is to make your concept concrete, real, and specific for your audience with examples.

Type 5: Categories or divisions

Sometimes an informative speech topic doesn't lend itself to a specific type of approach, and in those cases the topics tend to fall into a "general" category of informative speeches. For example, if a student wanted to give an informative speech on the four "C's" of diamonds (cut, carat, color, and clarity), they certainly wouldn't approach it as if they were providing the history of diamonds, nor would they necessarily be informing anyone on "how to" shop for or buy diamonds or how diamonds are mined. The approach in this case would simply be to inform an audience on the four "C's" and what they mean. Other examples of this type of informative speech would be positions in playing volleyball or the customs to know when traveling in China.

As stated above, identifying the type of informative speech being given can help in several ways (conducting research, writing the introduction and conclusion), but perhaps the biggest benefit is that the type of informative speech being given will help determine, to some degree, the organizational pattern that will need to

be used (see Chapter 6). For example, a How To speech *must* be in chronological order. There really isn't a way (or reason) to present a How To speech other than how the process is done in a time sequence. That is to say, for a speech on how to bake chocolate chip cookies, getting the ingredients (Main Point 1) must come before mixing the ingredients (Main Point 2), which must come before baking them (Main Point 3). Putting them in any other order will only confuse the audience.

Similarly, most Histories and Biographies will be organized chronologically, but not always. It makes sense to explain the history of the baseball from when it was first developed to where it is today, but certain approaches to Histories and Biographies can make that irrelevant. For an informative speech on Benjamin Franklin, a student might choose as his or her three main points: 1) His time as a printer, 2) His time as an inventor, 3) His time as a diplomat. These main points are not in chronological order, because Franklin was a printer his whole life, but this example would still be one way to inform an audience about him without using the chronological organizational pattern.

As for General informative speeches, since the topics that can be included in here are very diverse and cover a range of subject matter, the way they are organized will be varied as well. However, if the topic is "types of" something or "kinds of" something, the organizational pattern would be topical; if it were the layout of a location, such as the White House, it would be spatial (see Chapter 6 on Organization).

12.3 – Guidelines for Selecting an Informative Speech Topic

While some of the guidelines for selecting a topic were discussed in Chapters 2, 4, and 5, this section will more specifically focus on informative speech topics and problems that can arise when choosing them.

Pick a specific or focused topic

Perhaps one of the biggest and most common misconceptions students have about informative speech topics is that the topic needs to be broad in order to fill the time requirements for the speech. It is not uncommon for a student to propose an informative speech topic such as "To inform my audience about the history of music." How is that topic even possible? When does the history of music even begin? The thinking here is that this speech will be easy to research and write since there is so much information available. But the opposite is actually true. A topic this broad makes doing research even harder.

Let's consider the example of a student who proposes the topic "To inform my audience about the Civil War." The Civil War was, conservatively speaking, four years long, resulted in over 750,000 casualties, and arguably changed the course of human history. So to think that it is possible to cover all of that in five to seven minutes is unrealistic. Also, Roberts Library on Dalton State's campus has hundreds of books dealing with the Civil War. How will you choose which ones are best suited to use for your speech?

The better approach in this case is to be as specific as possible. A revised specific purpose for this speech might be something like "To inform my audience about the Gettysburg Address." This topic is much more compact (the Gettysburg Address is only a few minutes long), and doing research will now be exponentially easier—although you will still find hundreds of sources on it. Or, an even more specific topic would be like the one in the outline at the end of this chapter: "To inform my classmates of the specific places in Gettysburg, Pennsylvania, that are haunted."

Instead of looking through all the books in Roberts Library on the Civil War, using GIL and GALILEO to search through the library's resources on the Gettysburg Address will yield a much more manageable number of books and articles. It may sound counterintuitive, but selecting a speech topic that is very specifically focused will make the research and writing phases of the informative speech much easier.

Avoid faux or fake informative speech topics

Sometimes students think that because something sounds like an informative speech topic that it is one. This happens a lot



with political issues that are usually partisan in nature. Some students may feel that the speech topic “To inform my audience why William Henry Harrison was a bad president” sounds factual, but really this is an opinion. Similarly, a number of topics that include conspiracy and paranormal subject matter are usually mistaken for good informative topics as well.

It is not uncommon for a student to propose the topic “To inform my audience about the existence of extraterrestrials,” thinking it is a good topic. After all, there is plenty of evidence to support the claim, right? There are pictures of unidentified objects in the sky that people claim are from outer space, there are people who claim to have seen extraterrestrials, and most powerful of all, there are people who say that they have been abducted by aliens and taken into space!

The problem here, as you have probably already guessed, is that these facts are not irrefutable. Not every single person who sees something unknown in the sky will agree it is an alien spacecraft, and there can be little doubt that not everyone who claims to have been abducted by a UFO is telling the truth. This isn't to say that you can't still do an informative speech on aliens (“To inform my audience about the SETI Project,” or “To inform my audience of the origin of the Area 51 conspiracy,” but these types of speeches can quickly devolve into opinion, which would then make them persuasive speeches by default. Even if you start by trying to be objective, unless you can present each side equally (which is very difficult), it will end up becoming a persuasive speech.

12.4 – Guidelines for Preparing an Informative Speech

Don't Be Too Broad

In preparing and writing an informative speech, one of the most common mistakes students make is to think that they must be comprehensive in covering their topic, which isn't realistic. Take for example an informative speech on Abraham Lincoln. Lincoln was 56 years old when he died, so to think that it is possible to cover his entire life's story in 5 to 7 minutes is unrealistic. As discussed in Chapter 4, the better option is to select three aspects of his life and focus on those as a way to provide an overall picture of who he was. So a proposed speech on Lincoln might have the specific purpose: “To inform my audience about Abraham Lincoln's administration of the Civil War.” This is still a huge topic in that massive books have been written about it, but it could be addressed in three or four main points

such as:

- I. The Civil War began in the aftermath of Lincoln's Election and Inauguration
- II. Finding the right military leaders for the Union was his major challenge at the beginning.
- III. The Emancipation Proclamation changed the nature of the War.
- IV. Lincoln adopted a policy that led to victory.

Regardless of the topic, you will never be able to cover everything that is known about your topic, so don't try. Select the things that will best help the audience gain a general understanding of the topic, that will interest them, and that they hopefully will find valuable. Providing too much detail on a topic will only serve to dilute the really important points being made and give you less time to expand on what the audience might find the most interesting.

Be Accurate, Clear, and Interesting

A good informative speech conveys accurate information to the audience in a way that is clear and that keeps the listener interested in the topic. Achieving all three of these goals—accuracy, clarity, and interest—is the key to being an effective speaker. If information is inaccurate, incomplete, or unclear, it will be of limited usefulness to the audience.

Part of being accurate is making sure that your information is current. Even if you know a great deal about your topic or wrote a good paper on the topic in a high school course, you will need to verify the accuracy and completeness of what you know, especially if it is medical or scientific information. Most people understand that technology changes rapidly, so you need to update your information almost constantly, but the same is true for topics that, on the surface, may seem to require less updating. For example, the Civil War occurred over 150 years ago, but contemporary research still offers new and emerging theories about the causes of the war and its long-term effects. So even with a topic that seems to be unchanging, carefully check the information to be sure it's accurate and up to date.

What defines "interesting?" In approaching the informative speech, you should keep in mind the good overall principle that the audience is asking, "what's in it for me?" The audience is either consciously or unconsciously wondering "What in this topic

for me? How can I use this information? Of what value is this speech content to me? Why should I listen to it?”

You might consider it one of the jobs of the introduction to directly or indirectly answer these questions. If you can't, then you need to think about your topic and why you are addressing it. If it's only because the topic is interesting to you, you are missing the point. For example, why should we know about Abraham Lincoln's administration of the Civil War? Obviously, because it had significant, long-term consequences to us as Americans, and you should articulate that in terms the audience can understand.

Keep in Mind Audience Diversity

Finally, remember that not everyone in your audience is the same, so an informative speech should be prepared with audience diversity in mind. If the information in a speech is too complex or too simplistic, it will not hold the interest of the listeners. Determining the right level of complexity can be hard. Audience analysis is one important way to do this (see Chapter 2). Do the members of your audience belong to different age groups? Did they all go to public schools in the United States, or are some them international students? Are they all students majoring in the same subject, or is there a mixture of majors? Never assume that just because an audience is made up of students, they all share a knowledge set.

Conclusion

Learning how to give informative speeches will serve you well in your college career and your future work. Keep in mind the principles in this chapter but also those of the previous chapters: relating to the informational needs of the audience, using clear structure, and incorporating interesting and attention-getting supporting evidence.

Something to Think About

Here are three general topics for informative speeches. Write specific purposes for them and explain how you would answer the WIIFM question.

1. Type 1 diabetes
2. The psychological effects of using social media
3. Guitars

Two outlines for informative speeches are provided on the following pages. They utilize slightly different formats. Your instructor will let you know which one he or she prefers.

Sample Outline: Informative Speech on Lord Byron

By Shannon Stanley

Specific Purpose: To inform my audience about the life of George Gordon, Lord Byron.

Central Idea: George Gordon, Lord Byron overcame physical hardships, was a world-renowned poet, and an advocate for the Greek's war for freedom.

Introduction

- I. Imagine an eleven year old boy who has been beaten and sexually abused repeatedly by the very person who is supposed to take care of him.
 - A. This is one of the many hurdles that George Gordon, better known as Lord Byron, overcame during his childhood.
 - B. Lord Byron was also a talented poet with the ability to transform his life into the words of his poetry.
 - C. Byron became a serious poet by the age of fifteen and he was first published in 1807 at the age of nineteen.
 - D. Lord Byron was a staunch believer in freedom and equality, so he gave most of his fortune, and in the end, his very life, supporting the Greek's war for independence.
 - E. While many of you have probably never heard of Lord Byron, his life and written work will become more familiar to you when you take Humanities 1201, as I learned when I took it last semester.

Body

- II. Lord Byron was born on January 22, 1788 to Captain John Byron and Catherine Gordon Byron.
 - A. According to Paul Trueblood, the author of *Lord Byron*, Lord Byron's father only married Catherine for her dowry, which he quickly went through, leaving his wife and child nearly penniless.
 - B. By the age of two, Lord Byron and his mother had moved to Aberdeen in Scotland and shortly thereafter, his father died in France at the age of thirty-six.
 - C. Lord Byron was born with a clubbed right foot, which is a deformity that caused his foot to turn sideways instead of remaining straight, and his mother had no money to seek treatment for this painful and embarrassing condition.
 1. He would become very upset and fight anyone who even spoke of his lameness.
 2. Despite his handicap, Lord Byron was very active and liked competing with the other boys.

D. At the age of ten, his grand-uncle died leaving him the title as the sixth Baron Byron of Rochdale.

1. With this title, he also inherited Newstead Abbey, a dilapidated estate that was in great need of repair.
2. Because the Abbey was in Nottinghamshire England, he and his mother moved there and stayed at the abbey until it was rented out to pay for the necessary repairs.
3. During this time, May Gray, Byron's nurse had already begun physically and sexually abusing him.
4. A year passed before he finally told his guardian, John Hanson, about May's abuse; she was fired immediately.
5. Unfortunately the damage had already been done.
6. In the book *Lord Byron*, it is stated that years later he wrote "My passions were developed very early- so early, that few would believe me if I were to state the period, and the facts which accompanied it."

E. Although Lord Byron had many obstacles to overcome during his childhood, he became a world renowned poet by the age of 24.

III. Lord Byron experienced the same emotions we all do, but he was able to express those emotions in the form of his poetry and share them with the world.

- A. According to Horace Gregory, The author of *Poems of George Gordon, Lord Byron*, the years from 1816 through 1824 is when Lord Byron was most known throughout Europe.
- B. But according to Paul Trueblood, *Childe Harold* was published in 1812 and became one of the best-selling works of literature in the 19th century.
 1. *Childe Harold* was written while Lord Byron was traveling through Europe after graduating from Trinity College.
 2. Many authors such as Trueblood, and Garrett, the author of *George Gordon, Lord Byron*, express their opinion that *Childe Harold* is an autobiography about Byron and his travels.
- C. Lord Byron often wrote about the ones he loved the most, such as the poem "She Walks in Beauty" written about his cousin Anne Wilmont, and "Stanzas for Music" written for his half-sister, Augusta Leigh.
- D. He was also an avid reader of the Old Testament and would write poetry about stories from the Bible that he loved.

1. One such story was about the last king of Babylon.
2. This poem was called the “Vision of Belshazzar,” and is very much like the bible version in the book of Daniel.

E. Although Lord Byron is mostly known for his talents as a poet, he was also an advocate for the Greek’s war for independence.

IV. Lord Byron, after his self-imposed exile from England, took the side of the Greek’s in their war for freedom from Turkish rule.

A. Byron arrived in Greece in 1823 during a civil war.

1. The Greek’s were too busy fighting amongst themselves to come together to form a formidable army against the Turks.
2. According to Martin Garrett, Lord Byron donated money to refit the Greek’s fleet of ships, but did not immediately get involved in the situation.
3. He had doubts as to if or when the Greek’s would ever come together and agree long enough to make any kind of a difference in their war effort.
4. Eventually the Greek’s united and began their campaign for the Greek War of Independence.
5. He began pouring more and more of his fortune into the Greek army and finally accepted a position to oversee a small group of men sailing to Missolonghi.

B. Lord Byron set sail for Missolonghi in Western Greece in 1824.

1. He took a commanding position over a small number of the Greek army despite his lack of military training.
2. He had also made plans to attack a Turkish held fortress but became very ill before the plans were ever carried through.

C. Lord Byron died on April 19, 1824 at the age of 36 due to the inexperienced doctors who continued to bleed him while he suffered from a severe fever.

1. After Lord Byron’s death, the Greek War of Independence, due to his support, received more foreign aid which led to their eventual victory in 1832.
2. Lord Byron is hailed as a national hero by the Greek nation.
3. Many tributes such as statues and road-names have been devoted to Lord Byron since the time of his death.

Conclusion

V. In conclusion, Lord Byron overcame great physical hardships to become

a world-renowned poet, and is seen as a hero to the Greek nation and is mourned by them still today.

- A. I have chosen not to focus on Lord Byron's more liberal way of life, but rather to focus on his accomplishments in life.
- B. He was a man who owed no loyalty to Greece, yet gave his life to support their cause.
- C. Most of the world will remember Lord Byron primarily through his written attributes, but Greece will always remember him as the "Trumpet Voice of Liberty."

References

- Garrett, M. (2000). *George Gordon, Lord Byron*. New York, NY: Oxford University Press.
- Gregory, H. (1969). *Poems of George Gordon, Lord Byron*. New York, NY: Thomas Y. Crowell Company.
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Sample Outline: Informative Speech on Haunted Places in Gettysburg

By Leslie Dean

Specific Purpose: To inform my classmates of specific places in Gettysburg, Pennsylvania, that are considered to be haunted.

Introduction: Do you believe in paranormal activity? Have you ever been to a place that is haunted? My personal opinion on this subject matter is open to question; however, there are a lot of people that have had firsthand encounters with the paranormal.

Throughout the world there are countless places that are considered to be haunted by tormented souls that still lurk among us in search of a way to free their souls. Most places that claim to be haunted are intertwined with tales of battles and as a result many fatalities. Tragic times in history make for the perfect breeding grounds for the haunted places that exist today.

Thesis/Preview: Gettysburg is a city that is plagued by historical events that play a role in the manifestations that haunt Gettysburg today. These include locations at The Devil's Den, Little Round Top, and the Hummelbaugh House.

- I. The Devil's Den is considered a site for paranormal activity.
 - A. The Devil's Den has historical significance retained during the American Civil War.
 1. Location held heavy fighting during battle that took place on July 2, of 1863.
 2. The total death toll estimated during battle consisted of 800 for the Union and more than 1,800 for the Confederates.
 - B. Some reported paranormal activity at the Devil's Den.
 1. According to author, consultant, and lecturer Dennis William Hauck, he states in his book *Haunted Places* that if you stand outside at the Devil's Den there can be the sounds of drum rolls and gunshots heard.
 2. According to many visitors there have been many people that claim to have seen and/or taken pictures of and had conversations with a friendly soldier who either disappears or doesn't show up in photographs.

Transition: Spooky, unexplainable things happen at the Devil's Den but there is also paranormal activity in another area of Gettysburg, Little Round Top.

- II. Another location said to be haunted is Little Round Top.
 - A. Little Round Top's historical significance.
 1. A site where Union soldiers held up to maintain an advantage over the Confederate soldiers.
 2. According to James Brann, an author from *Civil War Magazine*, this was a site Union Colonel Joshua Lawrence Chamberlain led his 20th Maine Regiment in perhaps the most famous counterattack of the Civil War.
 - B. Manifestations at Little Round Top.
 1. During filming of the movie *Gettysburg* (1993), extras portraying Union soldiers were greeted by a man in the uniform of a Union private.
 - a. Handed them musket rounds.
 - b. Actual rounds that dated back to the Civil War.
 2. Ghostly soldiers can still be seen marching in

formation and riding horses in the fight against their enemy.

Transition: It seems that a lot of landmarks are haunted but there are also structures known to be stricken with paranormal activity.

III. Hummelbaugh House is a non-battlefield place for ghost-sightings.

Historical significance of Hummelbaugh House.

1. The house is located on the east side of the city and was just behind the Union lines.
2. It was used for a hospital and because of the times amputated limbs would be thrown out the windows resulting in a huge pile of body parts.

B. Paranormal activity at the house.

1. The windows in the house often startle people with loud vibrations.
2. The calls for help from soldiers can still be heard in and around the house.

Conclusion: In closing, according to History.com the Battle of Gettysburg was one of the biggest in the Civil War, resulting in over 150,000 casualties. With these statistics it is no surprise that lost souls still lurk the eerie grounds of this historical place. Whether it is vibrating windows or actual encounters with soldiers from 1863, Gettysburg has more than enough encounters with the paranormal to convince the biggest of doubters. Going to Gettysburg would guarantee a chance to literally step back in time and encounter something that is only remembered in history books. So believer in the paranormal or not, Gettysburg is a place to go to experience a part of history whether it be historical sites or a random run in with a ghostly soldier.

Chapter 13

Persuasive Speaking



Learning Objectives

After reading this chapter, the student will be able to:

- ◇ Define persuasion;
- ◇ Define ethos, logos, and pathos;
- ◇ Explain the barriers to persuading an audience;
- ◇ Construct a clear, reasonable proposition for a short classroom speech;
- ◇ Compose an outline for a well-supported persuasive speech;
- ◇ Analyze the audience to determine appropriate emotional and personal appeals.

Chapter Preview

13.1 – Why Persuade?

13.2 – A Definition of Persuasion

13.3 – Why is Persuasion Hard?

13.4 – Traditional Views of Persuasion

13.5 – Constructing a Persuasive Speech

13.1 – Why Persuade?

When your instructor announced on the syllabus or in class that you would be required to give a persuasive speech for this class, what was your reaction? “Oh, good, I’ve got a great idea,” or, “Oh, no!”? For many people, there is something a little uncomfortable about the word “persuasion.” It often gets paired with ideas of seduction, manipulation, force, lack of choice, or inducement as well as more positive terms such as encouragement, influence, urging, or logical arguments. You might get suspicious if you think someone is trying to persuade you. You might not appreciate someone telling you to change your viewpoints. On the other hand, you might not think you have any beliefs, attitudes, values, or positions that are worth sharing with others.

However, if you think of persuasion as simply a formal speech with a purpose of getting people to do something they do not want to do, then you will miss the value of learning persuasion and its accompanying skills of appeal, argument, and logic. Persuasion is something you do every day, in various forms. Convincing a friend to go see the latest movie instead of staying in to watch TV; giving your instructor a reason to give you an extension on an assignment (do not try that for this speech, though!); writing a cover letter and resume and going through an interview for a job—all of these and so many more are examples of persuasion. In fact, it is hard to think of life without the everyday give-and-take of persuasion.

You may also be thinking, “I’ve given an informative speech. What’s the difference?” While this chapter will refer to all of the content of the preceding chapters as it walks you through the steps of composing your persuasive speech, there is a difference. Although your persuasive speech will involve information—probably even as much as in your informative speech—the key difference is the word “change.” Think of it like this:

INFORMATION + CHANGE = PERSUASION

You will be using the information for the purpose of changing something about the audience members and possibly the environment, based on their responses. In the next section we will nail down an understanding of the persuasive act and then move on to the barriers to persuasion.

13.2 – A Definition of Persuasion

Persuasion can be defined in two ways, for two purposes. The first (Lucas, 2015) is “the process of creating,

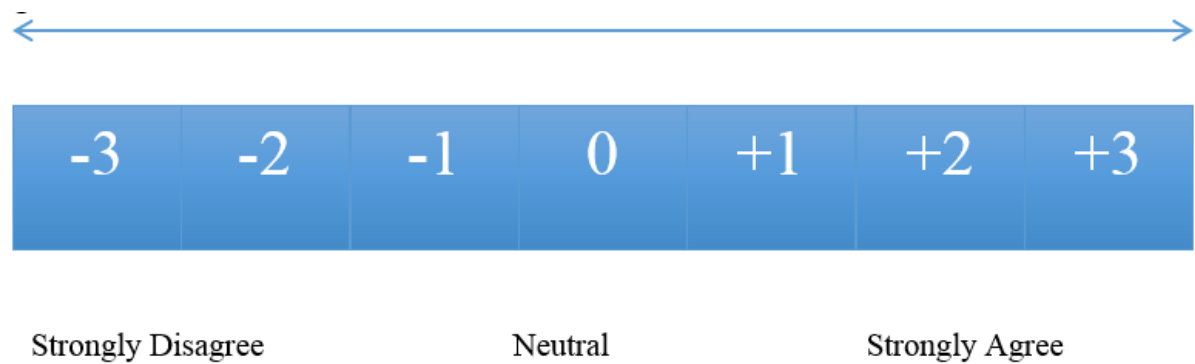


Figure 13.1—Persuasion Continuum

Proposition

The central idea statement in a persuasive speech; a statement made advancing a judgment or opinion

reinforcing, or changing people’s beliefs or actions” (p. 306). This is a good, simple straightforward one to start with, although it does not encompass the complexity of persuasion. This definition does introduce us to what could be called a “scaled” way of thinking about persuasion and change.

Think of persuasion as a continuum or line going both directions (see Figure 13.1). Your audience members, either as a group or individually, are sitting somewhere on that line in reference to your central idea statement, or what we are going to call a **proposition** in this chapter. In your speech you are proposing the truth or validity of an idea, one which the audience may not find true or acceptable, to be valid. Sometimes the word “claim” is used for proposition or central idea statement in a persuasive speech, because you are claiming an idea is true or an action is valuable.

For example, your proposition might be, “The main cause of climate change is human activity.” In this case you are not denying that natural forces, such as volcanoes, can affect the climate, but you are claiming that climate change is mainly due to pollution and other harmful things humans have done to the environment. To be an effective persuasive speaker, one of your first jobs after coming up with this topic would be to determine where your audience “sits” on the continuum in Figure 13.1.

+3 means strongly agree to the point of making lifestyle choices to lessen climate change (such as riding a bike instead of driving a car, recycling, eating certain kinds of foods).

- +2 means agree but not to the point of acting upon it.
- +1 as mildly in favor of your proposition; that is, they think it's probably true but the issue doesn't affect them personally.
- 0 means neutral, no opinion, or feeling uninformed to make a decision.
- 1 means mildly opposed to the proposition but willing to listen to those with whom they disagree.
- 2 means disagreement to the point of dismissing the idea pretty quickly.
- 3 means strong opposition to the point that the concept of climate change itself is not even listened to or acknowledged as a valid subject .

Since everyone in the audience is somewhere on this line or continuum, persuasion in this case means moving them to the right, somewhere closer to +3. Thinking about persuasion this way has three values:

- You can visualize and quantify where your audience “sits.”
- You can accept the fact that any movement toward +3 or to the right is a win.
- You can see that trying to change an audience from -3 to +3 in one speech is just about impossible. Therefore, you will be able to take a reasonable approach. In this case, if you knew most of the audience was at -2 or -3, your speech would be about the science behind climate change in order to open their minds to its possible existence, but the audience is not ready to hear about its being caused mainly by humans or what action should be taken to reverse it.

Your instructor may have the class engage in some activity about your proposed topics in order for you to write your proposition in a way that it is more applicable to your audience. For example, you might have a group discussion on the topics or administer surveys to your fellow students. Some topics are so controversial and divisive that trying to persuade about them in class is inappropriate.

You might also ask if it is possible to persuade to the negative, for example, to argue against something or try to move the audience to be opposed to something. In this case you would be trying to move your audience to the left on the continuum rather than to the right. Yes, it is possible to do so, but it might

confuse the audience. Also, you might want to think in terms of phrasing your proposition so that it is favorable as well as reasonable. For example, “Elderly people should be restricted from driving” could be replaced with “Drivers over the age of 75 in the state of Georgia should be required to pass a vision and health test every two years to renew their drivers’ licenses.” The first one is not clear (what is “elderly?”), reasonable (no license at all?), or positive (based on restriction) in approach. The second is specific, reasonable, doable, and positive.

It should also be added that the proposition is assumed to be controversial. By that is meant that some people in the audience disagree with your proposition or at least have no opinion; they are not “on your side.” It would be foolish to give a speech when everyone in the audience totally agrees with you. For example, trying to convince your classroom audience that attending college is a good idea is a waste of everyone’s time since, for one reason or another, everyone in your audience has already made that decision. That is not persuasive. Those who disagree with you could be called the **target audience**, the ones on whom you are truly focusing your persuasion. At the same time, another cluster of your audience that is not part of your target audience are those who are extremely opposed to your position to the point that they probably will not give you a fair hearing.

Target audience

the members of an audience the speaker most wants to persuade and who are likely to be receptive to persuasive messages

To go back to our original definition, “the process of creating, reinforcing, or changing people’s beliefs or actions,” and each of these purposes implies a different approach. You can think of *creating* as moving an audience from 0 to +1, +2, or +3. You only really “create” something when it does not already exist, meaning the audience’s attitude will be a 0 since they have no opinion. In creating, you have to first engage the audience that there is a vital issue at stake. Then you must provide arguments in favor of your claim to give the audience a basis for belief.

Reinforcing is moving the audience from +1 toward +3 in the hope that they take action (since the real test of belief is whether people act on it). In reinforcing, the audience already agrees with you but need steps and pushes (nudges) to make it action. *Changing* is moving from -1 or -2 to +1 or higher. In changing, you must first be credible, provide evidence for your side but also show why the audience’s current beliefs are mistaken or wrong in some way.

However, this simple definition from Lucas, while it gets to the core of “change” that is inherent in persuasion, could be improved with some attention to the ethical component and the

“how” of persuasion. For that purpose, let’s look at Perloff’s (2003) definition of **persuasion**:

A symbolic process in which communicators try to convince other people to change their attitudes or behavior regarding an issue through the transmission of a message, in an atmosphere of free choice. (p. 8)

First, notice that persuasion is symbolic, that is, uses language or other symbols (even graphics can be symbols), rather than force or other means. Second, notice that it is an attempt, not always fully successful. Third, there is an “atmosphere of free choice,” in that the persons being persuaded can choose not to believe or act. And fourth, notice that the persuader is “trying to convince others to change.” Modern psycho-logical research has confirmed that the persuader does not change the audience directly. The processes that the human mind goes through while it listens to a persuasive message is like a silent, **mental dialogue** the audience is having with the speaker’s ideas, and the audience members as individuals eventually convince themselves to change based on the symbols used by the speaker.

Some of this may sound like splitting hairs, but these are four important points. The fact that an audience has free choice means that they are active participants in their own persuasion and that they can choose whether the speaker is successful. For our purposes in this class, it calls on the student speaker to be ethical and truthful. Sometimes students will say, “It is just a class assignment, I can lie in this speech,” but that is not a fair way to treat your classmates.

Secondly, the basis of your persuasion is language; even though “a picture is worth a thousand words” and can help add emotional appeal to your speech, you want to focus on communicating through words. Third, Perloff’s definition distinguishes between “attitude” and “behavior,” meaning that an audience may be persuaded to think, to feel, or to act. Finally, persuasion is a process. Successful persuasion actually takes a while. One speech can be effective, but usually other messages influence the listener in the long run.

13.3 – Why is Persuasion Hard?

Persuasion is hard mainly because we have a bias against change. As much as we hear statements like “The only constant is change” or “Variety is the spice of life,” the evidence from

Persuasion

A symbolic process in which communicators try to convince other people to change their attitudes or behavior regarding an issue through the transmission of a message, in an atmosphere of free choice

Mental dialogue

an imagined conversation the speaker has with a given audience in which the speaker tries to anticipate what questions, concerns, or issues the audience may have to the subject under discussion

research and from our personal experience shows that, in reality, we do not like change. Recent research, for example, in risk aversion, points to how we are more concerned about keeping from losing something than with gaining something. Change is often seen as a loss of something rather than a gain of something else. Change is a step into the unknown, a gamble (Vedantam & Greene, 2013).

In the 1960s psychiatrists Thomas Holmes and Richard Rahe wanted to investigate the effect of stress on life and health. As explained on the Mindtools website:

They surveyed more than 5,000 medical patients and asked them to say whether they had experience any of a series of 43 life events in the previous two years. Each event, called a Life Change Unit (LCU), had a different "weight" for stress. The more events the patient added up, the higher the score. The higher the score, and the larger the weight of each event, the more likely the patient was to become ill. (The Holmes and Rahe Stress Scale, 2015)

Selective exposure

the decision to expose ourselves to messages that we already agree with, rather than those that confront or challenge us

You can find the Holmes-Rahe stress scale on many websites. What you will find is that the stressful events almost all have to do with change in some life situations—death of a close family member (which might rate 100 LCUs), loss of a job, even some good changes like the Christmas holidays (12 LCUs). Change is stressful. We do not generally embrace things that bring us stress.

Additionally, psychologists have pointed to how we go out of our way to protect our beliefs, attitudes, and values. First, we selectively expose ourselves to messages that we already agree with, rather than those that confront or challenge us. This **selective exposure** is especially seen in choices of mass media that individuals listen to and read, whether TV, radio, or Internet sites. Not only do we selectively expose ourselves to information, we selectively attend to, perceive, and recall information that supports our existing viewpoints (referred to as selective attention, selective perception, and selective recall).

This principle led Leon Festinger (1957) to form the theory of **cognitive dissonance**, which states, among other ideas, that when we are confronted with conflicting information or viewpoints, we reach a state of dissonance, which can be very uncomfortable, and we will do things to get rid of the dissonance

Cognitive dissonance

a psychological phenomenon where people confronted with conflicting information or viewpoints reach a state of dissonance (generally the disagreement between conflicting thoughts and/or actions), which can be very uncomfortable, and results in actions to get rid of the dissonance and maintain consonance

and maintain “consonance.” The easiest way to do so is to not expose oneself to conflicting messages in the first place.

Additionally, as mentioned before, during a persuasive speech the audience members are holding a mental dialogue with the speaker or at least the speaker’s content. They are putting up rebuttals or counter-arguments. These have been called *reservations* (as in the audience member would like to believe the speaker but has reservations about doing so). They could be called the “yeah-buts”—the audience members are saying in their minds, “Yeah, I see what you are arguing, but—”. Reservations can be very strong, since, again, the bias is to be loss averse and *not* to change our actions or beliefs.

In a sense, the reasons *not* to change can be stronger than even very logical reasons *to* change. For example, you probably know a friend who will not wear a seatbelt in a car. You can say to your friend, “Don’t you know that the National Highway Traffic Safety Administration (2009) says, and I quote, ‘1,652 lives could be saved and 22,372 serious injuries avoided each year on America’s roadways if seat belt use rates rose to 90 percent in every state?’” What will your friend probably say, even though you have cited a credible source?

He or she will come up with some reason for not wearing it, even something as dramatic as “I knew a guy who had a cousin who was in an accident and the cop said he died because he was wearing his seatbelt.” You may have had this conversation, or one like it. His or her argument may be less dramatic, such as “I don’t



like how it feels” or “I don’t like the government telling me what to do in my car.” For your friend, the argument for wearing a seat belt is not as strong as the argument against it, at least at this moment. If he or she is open-minded and can listen to evidence, he or she might experience cognitive dissonance and then be persuaded.

Solutions to the Difficulty of Persuasion

With these reasons for the resistance audience members would have to persuasion, what is a speaker to do? Here are some strategies.

Since change is resisted, we do not make many large or major changes in our lives. We do, however, make smaller, concrete, step-by-step or incremental changes in our lives every day. Going back to our scale in Figure 13.1, trying to move an audience from -3 to +2 or +3 is too big a move. Having reasonable persuasive goals is the first way to meet resistance. Even moving someone from -3 to -2 is progress, and over time these small shifts will eventually result in a significant amount of persuasion.

Secondly, a speaker must “deal with the reservations.” First, the speaker must acknowledge they exist, which shows audience awareness, but then the speaker must attempt to rebut or refute them. In reality, since persuasion involves a mental dialogue, your audience is more than likely thinking of counter-arguments in their minds, so including a refutation section in your speech, usually after your presentation of arguments in favor of your proposition, is a required and important strategy.

However, there are some techniques for rebuttal or refutation that work better than others. You would not want to say, “One argument against my proposition is . . . , and that is wrong” or “If you are one of the people who believe this about my proposition, you are wrong.” On the other hand, you could say that the reservations are “misconceptions,” “myths,” or “mistaken ideas” that are commonly held about the proposition.

Generally, strong persuasive speeches offer the audience what are called **two-tailed arguments**, which bring up a valid issue against your argument which you, as the speaker, must then refute. After acknowledging them and seeking to refute or rebut the reservations, you must also provide evidence for your refutation. Ultimately, this will show your audience that you are aware of both sides of the issue you are presenting and make you a more credible speaker. However, you cannot just say something like this:

Two-tailed arguments

a persuasive technique in which a speaker brings up a counter-argument to their own topic and then directly refutes the claim

One common misconception about wearing seatbelts is that if the car goes off a bridge and is sinking in water, you would not be able to release the belt and get out. First, that rarely happens. Second, if it did, getting the seat belt unbuckled would be the least of your worries. You would have to know how to get out of the car, not just the seat belt. Third, the seat belt would have protected you from any head injuries in such a crash, therefore keeping you conscious and able to help anyone else in the car.

This is a good start, but there are some assertions in here that would need support from a reliable source, such as the argument that the “submerging in water” scenario is rare. If it has happened to someone you know, you probably would not think it is rare!

The third strategy is to keep in mind that since you are asking the audience to change something, they must view the benefits of the change as worth the stress of the change. If you do good audience analysis, you know they are asking, “What’s in it for me?” What benefit or advantage or improvement would happen for the audience members? It could be the benefit of being logical, having consonance rather than dissonance, being consistent with the evidence and authorities on a subject, or there might be some benefit from changing behavior.

If the audience is being persuaded to sign an organ donor card, which is an altruistic action that cannot benefit them in any way because they will be dead, what would be the benefit? Knowing others would have better lives, feeling a sense of contribution to the good of humanity, and helping medical science might be examples. The point is that a speaker should be able to engage the audience at the level of needs, wants, and values as well as logic and evidence.

13.4 – Traditional Views of Persuasion

In the fourth century BCE, Aristotle took upon the study of the public speaking practices of the ruling class in Athenian society. For two years he observed the rhetoric of the men who spoke in the assembly and the courts. In the end, he wrote *Rhetoric* to explain his theories about what he saw. Among his many conclusions, which have formed the basis of communication study for centuries, was the classification of persuasive appeals into ethos, logos, and pathos. Over the years, Aristotle’s original understanding and definition of these terms have been refined as more psychological research has been done

Ethos

the influence of speaker credentials and character in a speech; arguments based on credibility

Ethos

Ethos has come to mean the influence of speaker credentials and character in a speech. Ethos is one of the more studied aspects of public speaking, and it was discussed earlier in Chapter 3. During the speech, a speaker should seek to utilize his or her existing credibility (based on the favorable things an audience already knows or believes about the speaker, such as education, expertise, background, and good character) and to improve or enhance his or her credibility (through citing reliable, authoritative sources, strong arguments, showing awareness of the audience, and effective delivery).

The word “ethos” looks very much like the word “ethics,” and there are many close parallels to the trust an audience has in a speaker and his or her honesty and ethical stance. In terms of ethics, it goes without saying that your speech will be truthful. Another matter to consider is your own personal involvement in the topic. Ideally you have chosen the topic because it means a great deal to you personally.

Logos

logical and organized arguments and the credible evidence to support the arguments within a speech; arguments based on logic

For example, perhaps your speech is designed to motivate audience members to take action against bullying in schools, and it is important to you because you work with the Boys and Girls Club organization and have seen how anti-bullying programs can have positive results. Sharing your own involvement and commitment is key to the credibility and emotional appeal (ethos and pathos) of the speech, added to the logos (evidence showing the success of the programs and the damage caused by bullying that goes unchecked). However, it would be wrong to manufacture stories of personal involvement that are untrue, even if the proposition is a socially valuable one.

Logos

Aristotle’s original meaning for **logos** had philosophical meanings tied to the Greek worldview that the universe is a place ruled by logic and reason. Logos in a speech was related to standard forms of arguments that the audience would find acceptable. Today we think of logos as both logical and organized arguments and the credible evidence to support the arguments. Chapter 14 will deal with logic and avoiding logical fallacies more specifically.

Pathos

the use of emotions such as anger, joy, hate, desire for community, and love to persuade the audience of the rightness of a proposition; arguments based on emotion

Pathos

In words like “empathy,” “sympathy,” and “compassion” we see the root word behind pathos. **Pathos**, to Aristotle, was using the emotions such as anger, joy, hate, desire for community,

and love to persuade the audience of the rightness of a proposition. One example of emotional appeals is using strong visual aids and engaging stories to get the attention of the audience. Someone asking you to donate money to help homeless pets may not have a strong effect, but seeing the ASPCA's commercials that feature emaciated and mistreated animals is probably much more likely to persuade you to donate (add the music for full emotional effect).

Emotions are also engaged by showing the audience that the proposition relates to their needs. However, we recognize that emotions are complex and that they also can be used to create a smokescreen to logic. Emotional appeals that use inflammatory language—name-calling—are often unethical or at least counterproductive. Some emotions are more appropriate for persuasive speeches than others. Anger and guilt, for example, do have effectiveness but they can backfire. Positive emotions such as pride, sympathy, and contentment are usually more productive.

One negative emotion that is useful and that can be used ethically is fear. When you think about it, we do a number of things in life to avoid negative consequences, and thus, out of fear. Why don't we drive 100 miles an hour on the interstate? Fear of getting a ticket, fear of paying more for insurance, fear of a crash, fear of hurting ourselves or others. Fear is not always applicable to a specific topic, but research shows that mild fear appeals, under certain circumstances, are very useful. When using fear appeals, the speaker must:

- Prove the fear appeal is valid.
- Prove that it applies to the audience
- Prove that the solution can work
- Prove the solution is available to the audience

Without these "proofs," the audience may dismiss the fear appeal as not being real or not applying to them (O'Keefe, 2002).

For example, a student gave a speech in one of our classes about flossing teeth. He used dramatic and disturbing photos of dental and gum problems but also proved that the dramatic photos of gum disease really did come from lack of flossing. The solution to avoid the gum disease was readily available, and the student proved through his evidence that the solution of flossing regularly did work to avoid the disease. Fear appeals can be overdone, but mild ones supported by evidence are very useful.

Because we feel positive emotions when our needs are met and negative ones when our needs are not met, aligning your proposition with strong audience needs is part of pathos. Earlier in this book (Chapter 2) we examined the well-known Maslow's hierarchy of needs. Students are often so familiar with it that they do not see its connection to real-life experiences. For example, safety and security needs, the second level on the hierarchy, is much broader than what many of us probably initially think:

- supporting the military and homeland security;
- buying insurance for oneself and one's family;
- having investments and a will;
- personal protection such as taking self-defense classes;
- policies on crime and criminal justice in our communities;
- buying a security system for your car or home; seat belts and automotive safety;
- or even having the right kind of tires on one's car (which is actually a viable topic for a speech).

The third level up in Maslow's hierarchy of needs, love and belongingness, deals with a whole range of human experiences, such as connection with others and friendship, involvement in communities, groups, and clubs, prioritizing family time, worship and connection to a faith community, being involved in children's lives, patriotism, loyalty, and fulfilling personal commitments.

In the speech outline at the end of the chapter about eliminating Facebook time, the speaker appeals to the three central levels of the hierarchy in her three points: safety and security from online threats, spending more time with family and friends in real time rather than online (love and belonging), and having more time to devote to schoolwork rather than on Facebook (esteem and achievement). Therefore, utilizing Maslow's hierarchy of needs works as a guide for finding those key needs that relate to your proposition, and by doing so, allows you to incorporate emotional appeals based on needs.

Up to this point in the chapter, we have looked at the goals of persuasion, why it is hard, and how to think about the traditional modes of persuasion based on Aristotle's theories. In the last section of this chapter, we will look at generating an overall organizational approach to your speech based on your persuasive goals.

13.5 – Constructing a Persuasive Speech

In a sense, constructing your persuasive speech is the culmination of the skills you have learned already. In another sense, you are challenged to think somewhat differently. While the steps of analyzing your audience, formulating your purpose and central idea, applying evidence, considering ethics, framing the ideas in appropriate language, and then practicing delivery will of course apply, you will need to consider some expanded options about each of these steps.

Formulating a Proposition

As mentioned before, when thinking about a central idea statement in a persuasive speech, we use the terms “proposition” or claim. Persuasive speeches have one of four types of propositions or claims, which determine your overall approach. Before you move on, you need to determine what type of proposition you should have (based on the audience, context, issues involved in the topic, and assignment for the class).

Proposition of Fact

Speeches with this type of proposition attempt to establish the truth of a statement. There is not a sense of what is morally right and wrong or what should be done about the issue, only that a statement is supported by evidence or not. These propositions are not facts such as “the chemical symbol for water is H₂O” or “Barack Obama won the presidency in 2008 with 53% of the vote.” They are statements over which persons disagree and there is evidence on both sides, although probably more on one than the other. Some examples of propositions of fact are:

Converting to solar energy can save homeowners money.

John F. Kennedy was assassinated by Lee Harvey Oswald working alone.

Experiments using animals are essential to the development of many life-saving medical procedures.

Climate change has been caused by human activity.

Granting tuition tax credits to the parents of children who attend private schools will perpetuate educational inequity.

Watching violence on television causes violent behavior in children.

William Shakespeare did not write most of the plays attributed to him.

Notice that in none of these are any values—good or bad—mentioned. Perpetuating segregation is not portrayed as good or bad, only as an effect of a policy. Of course, most people view educational inequality as a bad thing negatively, just as they view life-saving medical procedures positively. But the point of these propositions is to prove with evidence the truth of a statement, not its inherent value or what the audience should do about it. In fact, in some propositions of fact no action response would even be possible, such as the proposition listed above that Lee Harvey Oswald acted alone in the assassination of President Kennedy.

Propositions of Definition

This is probably not one that you will use in your class, but it bears mentioning here because it is used in legal and scholarly arguments. Propositions of definitions argue that a word, phrase, or concept has a particular meaning. Remembering back to Chapter 7 on supporting materials, we saw that there are various ways to define words, such as by negation, operationalizing, and classification and division. It may be important for you to define your terms, especially if you have a value proposition. Lawyers, legislators, and scholars often write briefs, present speeches, or compose articles to define terms that are vital to defendants, citizens, or disciplines. We saw a proposition of definition defended in the Supreme Court's 2015 decision to redefine marriage laws as applying to same-sex couples, based on arguments presented in court. Other examples might be:

The Second Amendment to the Constitution does not include possession of automatic weapons for private use.

Alcoholism should be considered a disease because . . .

A given crime did not meet the standard for first-degree murder.

Thomas Jefferson's definition of inalienable rights did not include a right to privacy.

In each of these examples, the proposition is that the definition of these things (the Second Amendment, alcoholism, crime, and inalienable rights) needs to be changed or viewed differently.

Propositions of Value

It is likely that you or some of your classmates will give speeches with propositions of value. When the proposition has a

word such as good, bad, best, worst, just, unjust, ethical, unethical, moral, immoral, advantageous or disadvantageous, it is a proposition of value. Some examples include:

Hybrid cars are the best form of automobile transportation available today.

Homeschooling is more beneficial for children than traditional schooling.

The War in Iraq was not justified.

Capital punishment is morally wrong.

Mascots that involve Native American names, characters, and symbols are demeaning.

A vegan diet is the healthiest one for adults.

Propositions of value require a first step: defining the “value” word. If a war is unjustified, what makes a war “just” or “justified” in the first place? That is a fairly philosophical question. What makes a form of transportation “best” or “better” than another? Isn’t that a matter of personal approach? For different people, “best” might mean “safest,” “least expensive,” “most environmentally responsible,” “stylish,” “powerful,” or “prestigious.” Obviously, in the case of the first proposition above, it means “environmentally responsible.” It would be the first job of the speaker, after introducing the speech and stating the proposition, to explain what “best form of automobile transportation” means. Then the proposition would be defended with separate arguments.

Propositions of Policy

These propositions are easy to identify because they almost always have the word “should” in them. These propositions call for a change in policy or practice (including those in a government, community, or school), or they can call for the audience to adopt a certain behavior. Speeches with propositions of policy can be those that call for passive acceptance and agreement from the audience and those that try to instigate the audience to action, to actually do something immediately or in the long-term.

Our state should require mandatory recertification of lawyers every ten years.

The federal government should act to ensure clean water standards for all citizens.

The federal government should not allow the use of technology to choose the sex of an unborn child.

The state of Georgia should require drivers over the age of 75 to take a vision test and present a certificate of good health from a doctor before renewing their licenses.

Wyeth Daniels should be the next governor of the state.

Young people should monitor their blood pressure regularly to avoid health problems later in life.

As mentioned before, the proposition determines the approach to the speech, especially the organization. Also as mentioned earlier in this chapter, the exact phrasing of the proposition should be carefully done to be reasonable, positive, and appropriate for the context and audience. In the next section we will examine organizational factors for speeches with propositions of fact, value, and policy.

Organization Based on Type of Proposition

Organization for a proposition of fact

If your proposition is one of fact, you will do best to use a topical organization. Essentially that means that you will have two to four discrete, separate arguments in support of the proposition. For example:

Proposition: Converting to solar energy can save homeowners money.

- I. Solar energy can be economical to install.
 - A. The government awards grants.
 - B. The government gives tax credits.
- II. Solar energy reduces power bills.
- III. Solar energy requires less money for maintenance.
- IV. Solar energy works when the power grid goes down.

Here is a first draft of another outline for a proposition of fact:

Proposition: Experiments using animals are essential to the development of many life-saving medical procedures.

- I. Research of the past shows many successes from animal experimentation.

- II. Research on humans is limited for ethical and legal reasons.
- III. Computer models for research have limitations.

However, these outlines are just preliminary drafts because preparing a speech of fact requires a great deal of research and understanding of the issues. A speech with a proposition of fact will almost always need an argument or section related to the “reservations,” refuting the arguments that the audience may be preparing in their minds, their mental dialogue. So the second example needs revision, such as:

- I. The first argument in favor of animal experimentation is the record of successful discoveries from animal research.
- II. A second reason to support animal experimentation is that research on humans is limited for ethical and legal reasons.
- III. Thirdly, animal experimentation is needed because computer models for research have limitations.
- IV. Many people today have concerns about animal experimentation.
 - A. Some believe that all experimentation is equal.
 - 1. There is experimentation for legitimate medical research.
 - 2. There is experimentation for cosmetics or shampoos.
 - B. Others argue that the animals are mistreated.
 - 1. There are protocols for the treatment of animals in experimentation.
 - 2. Legitimate medical experimentation follows the protocols.
 - C. Some believe the persuasion of certain advocacy groups like PETA.
 - 1. Many of the groups that protest animal experimentation have extreme views.
 - 2. Some give untrue representations.

To complete this outline, along with introduction and conclusion, there would need to be quotations, statistics, and facts

with sources provided to support both the pro-arguments in Main Points I-III but also the refutation to the misconceptions about animal experimentation in Subpoints A-C under Point IV.

Organization for a proposition of value

A persuasive speech that incorporates a propositions of value will have a slightly different structure. As mentioned earlier, a proposition of value must first define the “value” word for clarity and to provide a basis for the other arguments of the speech. The second or middle section would present the defense or “pro” arguments for the proposition based on the definition. The third section would include refutation of the counter arguments. The following outline draft shows a student trying to structure a speech with a value proposition. Keep in mind it is abbreviated for illustrative purposes, and thus incomplete as an example of what you would submit to your instructor, who will expect more detailed outlines for your speeches.

Proposition: Hybrid cars are the best form of automotive transportation available today.

- I. Automotive transportation that is best meets three standards. **(Definition)**
 - A. It is reliable and durable.
 - B. It is fuel efficient and thus cost efficient.
 - C. It is therefore environmentally responsible.
- II. Studies show that hybrid cars are durable and reliable. **(Pro-Argument 1)**
 - A. Hybrid cars have 99 problems per 100 cars versus 133 problem per 100 conventional cars, according to TrueDelta, a car analysis website much like *Consumer Reports*.
 - B. J.D. Powers reports hybrids also experience 11 fewer engine and transmission issues than gas-powered vehicles, per 100 vehicles.
- III. Hybrid cars are fuel-efficient. **(Pro-Argument 2)**
 - A. The Toyota Prius gets 48 mpg on the highway and 51 mpg in the city.
 - B. The Ford Fusion hybrid gets 47 mpg in the city and in the country.
- III. Hybrid cars are environmentally responsible. **(Pro-Argument 3)**

- A. They only emit 51.6 gallons of carbon dioxide every 100 miles.
 - B. Conventional cars emit 74.9 gallons of carbon dioxide every 100 miles.
 - C. The hybrid produces 69% of the harmful gas exhaust that a conventional car does.
- IV. Of course, hybrid cars are relatively new to the market and some have questions about them. **(Reservations)**
- A. Don't the batteries wear out and aren't they expensive to replace?
 - 1. Evidence to address this misconception.
 - 2. Evidence to address this misconception.
 - B. Aren't hybrid cars only good for certain types of driving and drivers?
 - 1. Evidence to address this misconception.
 - 2. Evidence to address this misconception.
 - C. Aren't electrical cars better?
 - 1. Evidence to address this misconception.
 - 2. Evidence to address this misconception.

Organization for a propositions of policy

The most common type of outline organizations for speeches with propositions of policy is problem-solution or problem-cause-solution. Typically we do not feel any motivation to change unless we are convinced that some harm, problem, need, or deficiency exists, and even more, that it affects us personally. As the saying goes, "If it ain't broke, why fix it?" As mentioned before, some policy speeches look for passive agreement or acceptance of the proposition. Some instructors call this type of policy speech a "think" speech since the persuasion is just about changing the way your audience thinks.

On the other hand, other policy speeches seek to move the audience to do something to change a situation or to get involved in a cause, and these are sometimes called a "do" speech since the audience is asked to do something. This second type of policy speech (the "do" speech) is sometimes called a "speech to actuate." Although a simple problem-solution organization with only two main points is permissible for a speech of actuation, you will probably do well to utilize the more detailed format called

Monroe's Motivated Sequence.

This format, designed by Alan Monroe (1951), who wrote a popular speaking textbook for many years, is based on John Dewey's reflective thinking process. It seeks to go in-depth with the many questions an audience would have in the process of listening to a persuasive speech. Monroe's Motivated Sequence involves five steps, which should not be confused with the main points of the outline. Some steps in Monroe's Motivated Sequence may take two points.

1. **Attention.** This is the introduction, where the speaker brings attention to the importance of the topic as well as his or her own credibility and connection to the topic.
2. **Need.** Here the problem is defined and defended. This step may be divided into two main points, such as the problem and the causes of it, since logically a solution should address the underlying causes as well as the external effects of a problem. It is important to make the audience see the severity of the problem, and how it affects them, their family, or their community. The harm or need can be physical, financial, emotional, educational, or social. It will have to be supported by evidence.
3. **Satisfaction.** A need calls for satisfaction in the same way a problem requires a solution. This step could also, in some cases, take up two main points. Not only does the speaker present the solution and describe it, but she must also defend that it works and will address the causes of the problem as well as the symptoms.
4. **Visualization.** This step looks to the future either positively or negatively. If positive, the benefits from enacting or choosing the solution are shown. If negative, the benefits of not doing anything to solve the problem are shown. There may be times when it is acceptable to skip this step, especially if time is limited. The purpose of visualization is to motivate the audience with the benefits or through fear appeals.
5. **Action.** This can be the conclusion, although if the speaker really wants to spend time on moving the audience to action, the action step should be a full main point and the conclusion saved for summary and a dramatic ending. In the action step, the goal is to give specific steps for the audience to take as soon as possible to move toward solving the problem. Whereas the satisfaction step explains the solution overall, the action step gives concrete ways to begin making the solution

happen.

The more concrete you can make the action step, the better. Research shows that people are more likely to act if they know how accessible the action can be. For example, if you want students to be vaccinated against the chicken pox virus (which can cause a serious disease called shingles in adults), you can give them directions to and hours for a clinic or health center where vaccinations at a free or discounted price can be obtained.

In some cases for speeches of policy, no huge problem needs solving. Or, there is a problem, but the audience already knows about it and is convinced that the problem exists and is important. In those cases, a format called “comparative advantages” is used, which focuses on how one possible solution is better than other possible ones. The organizational pattern for this kind of proposition might be topical:

- I. This policy is better because . . .
- II. This policy is better because . . .
- III. This policy is better because . . .

If this sounds a little like a commercial that is because advertisements often use comparative advantages to show that one product is better than another. Here is an example:

Proposition: Owning the Barnes and Noble Nook is more advantageous than owning the Amazon Kindle.

- I. The Nook allows owners to trade and loan books to other owners or people who have downloaded the Nook software, while the Kindle does not.
- II. The Nook has a color-touch screen, while the Kindle’s screen is black and grey and noninteractive.
- III. The Nook’s memory can be expanded through microSD, while the Kindle’s memory cannot be upgraded.

Building Upon Your Persuasive Speech’s Arguments

Once you have constructed the key arguments and order of points (remembering that if you use topical order, to put your strongest or most persuasive point last), it is time to move to being sure your points are well supported. In a persuasive speech, there are some things to consider about evidence.

First, your evidence should be from sources that the audience will find credible. If you can find the same essential

information from two sources but know that the audience will find the information more credible from one source than another, use and cite the information from the more credible one. For example, if you find the same statistical data on Wikipedia and the U.S. Department of Labor's website, cite the U.S. Department of Labor (your instructor will probably not accept the Wikipedia site anyway). Audiences also accept information from sources they consider unbiased or indifferent. Gallup polls, for example, have been considered reliable sources of survey data because unlike some organizations, Gallup does not have a cause (political or otherwise) it is supporting.

Secondly, your evidence should be new to the audience. In other words, the best evidence is that which is from credible sources and the audience has not heard before (Reinard, 1988; McCroskey, 1969). If they have heard it before and discounted it, they will not consider your argument well supported. An example is telling people who smoke that smoking will cause lung cancer. Everyone in the U.S. has heard that thousands of times, but 17.8% of the population still smokes, which is more than one in six (Gholipour, 2014). Many of those who smoke have not heard the information that really motivates them to quit yet, and of course quitting is very difficult. Additionally, new evidence is more attention-getting, and you will appear more credible if you tell the audience something new (as long as you cite it well) than if you use the "same old, same old" evidence they have heard before.

Third, in order to be effective and ethical, your supporting evidence should be relevant and not used out of context, and fourth, it should be timely and not out of date.

After choosing the evidence and apportioning it to the correct parts of the speech, you will want to consider use of metaphors, quotations, rhetorical devices, and narratives that will enhance the language and "listenability" of your speech. Narratives are especially good for introduction and conclusions, to get attention and to leave the audience with something dramatic. You might refer to the narrative in the introduction again in the conclusion to give the speech a sense of finality.

Next you will want to decide if you should use any type of presentation aid for the speech. The decision to use visuals such as PowerPoint slides or a video clip in a persuasive speech should take into consideration the effect of the visuals on the audience and the time allotted for the speech. The charts, graphs, or photographs you use should be focused and credibly done.

One of your authors remembers a speech by a student about using seat belts (which is, by the way, an overdone topic).

What made the speech effective in this case were photographs of two totaled cars, both of which the student had been driving when they crashed (on two separate occasions). The devastation of the wrecks and his ability to stand before them and give the speech because he had worn his seat belt was effective (although it didn't say much for his driving ability). If you wanted an audience to donate to disaster relief after an earthquake in a foreign country, a few photographs of the destruction would be effective, and perhaps a map of the area would be helpful. But in this case, less is more. Too many visual aids will likely distract from your overall speech claim.

Finally, since you've already had experience in class giving at least one major speech prior to this one, your delivery for the persuasive speech should be especially strong. Since delivery does affect credibility (Burgoon, Birk, and Pfau, 1990), you want to be able to connect visually as you make your appeals. You want to be physically involved and have vocal variety when you tell dramatic narratives that emphasize the human part of your topic. If you do use presentation slides, you want them to work in seamlessly, using black screens when the visuals are not necessary.

Conclusion

Your persuasive speech in class, as well as in real life, is an opportunity to share a passion or cause that you believe will matter to society and help the audience live a better life. Even if you are initially uncomfortable with the idea of persuasion, we use it all the time in different ways. Choose your topic based on your own commitment and experience, look for quality evidence, craft your proposition so that it will be clear and audience appropriate, and put the finishing touches on it with an eye toward enhancing your logos, ethos, and pathos.

Something to Think About

Go to YouTube and look for "Persuasive Speeches by College Students." There are quite a few. Here's one example:

<https://www.youtube.com/watch?v=SNr7Fx-SM1Y>.

Do you find this speech persuasive? Why or why not? Based on the content of this chapter, what did the speaker do correctly or perhaps not so correctly that affected his or her persuasiveness?

Sample Outline: Persuasive Speech on Facebook Usage

By Janet Aguilar

Specific Purpose: To persuade my classmates to eliminate their Facebook use.

Introduction: There she was late into the night still wide awake starring at her phone's screen. In fact, she had to be at work early in the morning, but scrolling through her Facebook account kept her awake. That girl was me before I deactivated my Facebook account. I honestly could not tell you how many hours I spent on Facebook. In the survey that I presented to you all, one person admitted to spending "too much" time on Facebook. That was me in the past, I spent too much time on Facebook. Time is precious and once it is gone it does not return. So why do you spend precious time on Facebook? Time that could be spent with family, resting, or just being more productive.

Thesis/ Preview: Facebook users should eliminate their usage because Facebook can negatively affect their relationships with others, their sleeping patterns and health, and their ability to focus on school work.

I. Family relationships can be affected by your Facebook usage.

A. In the survey conducted in class, 11 of 15 students confessed to have ignored someone while they were speaking.

1. Found myself ignoring my children while they spoke.

2. Noticed other people doing the same thing especially in parks and restaurants.

B. According to Lynn Postell-Zimmerman on hg.org, Facebook has become a leading cause for divorce.

C. In the United States, 1 in 5 couples mentioned Facebook as a reason for divorce in 2009.

Transition: We have discussed how Facebook usage can lead to poor relationships with people, next we will discuss how Facebook can affect your sleep patterns and health.

II. Facebook usage can negatively affect your sleep patterns and health.

A. Checking Facebook before bed.

1. In my survey 11 students said they checked their Facebook account before bed.

2. Staying on Facebook for long hours before bed.
- B. Research has shown that Facebook can cause depression, anxiety, and addiction.
1. According to researchers Steels, Wickham and Acitelli in an article in the *Journal of Social & Clinical Psychology* titled “Seeing everyone else's highlight reels: How Facebook usage is linked to depressive symptoms,” because Facebook users only view the positive of their friend’s life they become unhappy with their life and it can lead to becoming depressed and unhappy.
 2. Marissa Maldonado on psychcentral.com, concluded from recent studies that, “Facebook increases people’s anxiety levels by making them feel inadequate and generating excess worry and stress.”
 3. Facebook addiction is a serious issue, according to the article “Too much Facebook leads to anger and depression” found on cnn.com and written by Cara Reedy.
 - a. Checking Facebook everywhere we go is a sign of addiction
 - b. Not being able to deactivate your Facebook account.

Transitions: Many of you have probably never thought of Facebook as a threat to your health, but we will now review how it can affect you as a college student.

III. Facebook negatively affects students.

- A. I often found myself on Facebook instead of doing schoolwork.
- B. I was constantly checking Facebook which takes away from study time.
- C. I also found myself checking Facebook while in class, which can lead to poor grades and getting in trouble with the professor.
- D. A study of over 1,800 college students showed a negative relationship between amount of Facebook time and GPA, as reported by Junco in a 2012 article titled, “Too much face and not enough books” from the journal *Computers and Human Behavior*.

Conclusion: In conclusion, next time you log on to Facebook try deactivating your account for a few day and see the difference. You will soon see how it can bring positive changes in your family relationships, will avoid future health problems, will help you sleep better, and will improve your school performance. Instead of communicating through Facebook try visiting or calling your close friends. Deactivating my account truly helped me, and I can assure you we all can survive without Facebook.

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Chapter 14

Logical Reasoning



Learning Objectives

After reading this chapter, the student will be able to:

- ◇ Define critical thinking, deductive reasoning, and inductive reasoning;
- ◇ Distinguish between inductive reasoning and deductive reasoning;
- ◇ Know the four types of inductive reasoning;
- ◇ Know the common logical fallacies;
- ◇ Become a more critical listener to public speeches and more critical reader of source material.

Chapter Preview

14.1 – What is Correct Reasoning?

14.2 – Inductive Reasoning

14.3 – Deductive Reasoning

14.4 – Logical Fallacies

14.1 – What is Correct Reasoning?

In Chapter 13, we reviewed ancient and modern research on how to create a persuasive presentation. We learned that persuasion does not just depend on one mode, but on the speaker using his or her personal credibility and credentials; understanding what important beliefs, attitudes, values, and needs of the audience connect with the persuasive purpose; and drawing on fresh evidence that the audience has not heard before. In addition to fresh evidence, the audience expects a logical speech and to hear arguments that they understand and to which they can relate. These are historically known as *ethos*, *pathos*, and *logos*. This chapter will deal with the second part of logos, logical argument and using critical thinking to fashion and evaluate persuasive appeals.

Analogical reasoning

drawing conclusions about an object or phenomenon based on its similarities to something else

We have seen that logos involves composing a speech that is structured in a logical and easy-to-follow way; it also involves using correct logical reasoning and consequently avoiding fallacious reasoning, or logical fallacies.

Although it is not a perfect or literal analogy, we can think of correct reasoning like building a house. To build a house, you need materials (premises and facts) a blueprint (logical method), and knowledge of building trades (critical thinking ability). If you put a person out in a field with drywall, nails, wiring, fixtures, pipes, and wood and handed him a blueprint, he would need knowledge of construction principles, plumbing, and reading plans (and some helpers), or no building is going up. Logic could also be considered like cooking. You need ingredients, a recipe, and knowledge about cooking. In both cases, your ingredients or materials must be good quality (your information and facts must be true); your recipe or directions must be right (the logical process); and the user must know what he or she is doing.

Figurative analogy

an analogy where the two things under comparison are not essentially the same

In the previous paragraph, **analogical reasoning** was used. As we will see in Section 14.2, analogical reasoning involves drawing conclusions about an object or phenomenon based on its similarities to something else. Technically, it was a **figurative analogy**, not a literal one, because the two processes are not essentially the same. A figurative analogy is like a poetic one: “My love is like a red, red rose,” (Robert Burns, 1759-1796); love, or a loved person, and a flower are not essentially the same. An example of a **literal analogy** would be one between your college, Dalton State, and another state college in Georgia with a similar mission and similar student bodies.

Literal analogy

an analogy where the two things under comparison have sufficient or significant similarities to be compared fairly

Analogical reasoning is one of several types of logical reasoning methods which can serve us well if used correctly but can be confusing and even unethical if used incorrectly. In this chapter we will look first at “good” reasoning and then at several of the standard mistakes in reasoning, called **logical fallacies**. In higher education today, teaching and learning critical thinking skills are a priority, and those skills are one of the characteristics that employers are looking for in applicants (Adams, 2014). The difficult part of this equation is that critical thinking skills mean slightly different things for different people. Involved in critical thinking are problem-solving and decision-making, the ability to evaluate and critique based on theory and the “knowledge base” (what is known in a particular field), skill in self-reflection, recognition of personal and societal biases, and the ability to use logic and avoid logical fallacies. On the website *Critical Thinking Community*, in an article entitled “Our Concept and Definition of Critical Thinking” (2013), the term is defined this way:

Critical thinking is that mode of thinking — about any subject, content, or problem — in which the thinker improves the quality of his or her thinking by skillfully analyzing, assessing, and reconstructing it. Critical thinking is self-directed, self-disciplined, self-monitored, and self-corrective thinking. It presupposes assent to rigorous standards of excellence and mindful command of their use. It entails effective communication and problem-solving abilities, as well as a commitment to overcome our native egocentrism and sociocentrism.

Critical thinking is a term with a wide range of meaning, one of which is the traditional ability to use formal logic. To do so, you must first understand the two types of reasoning: inductive and deductive.

14.2 – Inductive Reasoning

Inductive reasoning (also called “induction”) is probably the form of reasoning we use on a more regular basis. Induction is sometimes referred to as “reasoning from example or specific instance,” and indeed, that is a good description. It could also be referred to as “bottom-up” thinking. Inductive reasoning is sometimes called “the scientific method,” although you don't have to be a scientist to use it, and use of the word “scientific” gives the impression it is always right and always precise, which it

Logical fallacies

mistakes in reasoning; erroneous conclusions or statements made from poor inductive or deductive analyses

Inductive reasoning

a type of reasoning in which examples or specific instances are used to supply strong evidence for (though not absolute proof of) the truth of the conclusion; the scientific method

is not. In fact, we are just as likely to use inductive logic incorrectly or vaguely as we are to use it well.

Inductive reasoning happens when we look around at various happenings, objects, behavior, etc., and see patterns. From those patterns we develop conclusions. There are four types of inductive reasoning, based on different kinds of evidence and logical moves or jumps.

Generalization

Generalization

a form of inductive reasoning that draws conclusions based on recurring patterns or repeated observations

Generalization is a form of inductive reasoning that draws conclusions based on recurring patterns or repeated observations. Vocabulary.com (2016) goes one step further to state it is “the process of formulating general concepts by abstracting common properties of instances.” To generalize, one must observe multiple instances and find common qualities or behaviors and then make a broad or universal statement about them. If every dog I see chases squirrels, then I would probably generalize that all dogs chase squirrels.

If you go to a certain business and get bad service once, you may not like it. If you go back and get bad treatment again, you probably won’t go back again because you have concluded “Business X always treats its customers badly.” However, according to the laws of logic, you cannot really say that; you can only say, “In my experience, Business X treats its customers badly” or more precisely, “has treated me badly.” Additionally, the word “badly” is imprecise, so to be a valid conclusion to the generalization, badly should be replaced with “rudely,” “dis-honestly,” or “dismissively.” The two problems with generalization is over-generalizing (making too big an inductive leap, or jump, from the evidence to the conclusion) and generalizing without enough examples (hasty generalization, also known as stereotyping).

In the example of the service at Business X, two examples are really not enough to conclude that “Business X treats customers rudely.” The conclusion does not pass the logic test for generalization, but pure logic may not influence whether or not you patronize the business again. Logic and personal choice overlap sometimes and separate sometimes. If the business is a restaurant, it could be that there is one particularly rude server at the restaurant, and he happened to wait on you during both of your experiences. It is possible that everyone else gets fantastic service, but your generalization was based on too small a sample.

Inductive reasoning through generalization is used in surveys and polls. If a polling organization follows scientific

sampling procedures (sample size, ensuring different types of people are involved, etc.), it can conclude that their poll indicates trends in public opinion. Inductive reasoning is also used in science. We will see from the examples below that inductive reasoning does not result in certainty. Inductive conclusions are always open to further evidence, but they are the best conclusions we have now.

For example, if you are a coffee drinker, you might hear news reports at one time that coffee is bad for your health, and then six months later that another study shows coffee has positive effects on your health. Scientific studies are often repeated or conducted in different ways to obtain more and better evidence and make updated conclusions. Consequently, the way to disprove inductive reasoning is to provide contradictory evidence or examples.

Causal reasoning

Instead of looking for patterns the way generalization does, **causal reasoning** seeks to make cause-effect connections. Causal reasoning is a form of inductive reasoning we use all the time without ever thinking about it. If the street is wet in the morning, you know that it rained based on past experience. Of course, there could be another cause—the city decided to wash the streets early that morning—but your first conclusion would be rain. Because causes and effects can be so multiple and complicated, two tests are used to judge whether the causal reasoning is valid.

Good inductive causal reasoning meets the tests of *directness* and *strength*. The alleged cause must have a *direct* relationship on the effect and the cause must be strong enough to make the effect. If a student fails a test in a class that he studied for, he would need to examine the causes of the failure. He could look back over the experience and suggest the following reasons for the failure:

1. He waited too long to study.
2. He had incomplete notes.
3. He didn't read the textbook fully.
4. He wore a red hoodie when he took the test.
5. He ate pizza from Pizza Heaven the night before.
6. He only slept four hours the night before.
7. The instructor did not do a good job teaching the material.

Causal reasoning

a form of inductive reasoning that seeks to make cause-effect connections

8. He sat in a different seat to take the test.
9. His favorite football team lost its game on the weekend before.

Which of these causes are direct enough and strong enough to affect his performance on the test? All of them might have had a slight effect on his emotional, physical, or mental state, but all are not strong enough to affect his knowledge of the material if he had studied sufficiently and had good notes to work from. Not having enough sleep could also affect his attention and processes more directly than, say, the pizza or football game. We often consider “causes” such as the color of the hoodie to be superstitions (“I had bad luck because a black cat crossed my path”).

Taking a test while sitting in a different seat from the one where you sit in class has actually been researched (Sauffley, Otaka, & Bavaresco, 1985), as has whether sitting in the front or back affects learning (Benedict & Hoag, 2004). (In both cases, the evidence so far says that they do not have an impact, but more research will probably be done.) From the list above, #1-3, #6, and #7 probably have the most direct effect on the test failure. At this point our student would need to face the concept of locus of control, or responsibility—was the failure his doing, or his instructor’s?

Causal reasoning is susceptible to four fallacies: historical fallacy, slippery slope, false cause, and confusing correlation and causation. The first three will be discussed later, but the last is very common, and if you take a psychology



or sociology course, you will study correlation and causation well. This [video](#) of a TedTalk will explain the concept in an entertaining manner. Confusing correlation and causation is the same as confusing causal reasoning and sign reasoning, discussed below.

Sign Reasoning

Right now, as one of the authors is writing this chapter, the leaves on the trees are turning brown, the grass does not need to be cut every week, and geese are flying towards Florida. These are all signs of fall in this region. These signs do not make fall happen, and they don't make the other signs—cooler temperatures, for example. All the signs of fall are caused by one thing: the rotation of the earth and its tilt on its axis, which make shorter days, less sunshine, cooler temperatures, and less chlorophyll in the leaves, leading to red and brown colors.

It is easy to confuse signs and causes. **Sign reasoning**, then, is a form of inductive reasoning in which conclusions are drawn about phenomena based on events that precede (not cause) a subsequent event. Signs are like the correlation mentioned above under causal reasoning. If someone argues, "In the summer more people eat ice cream, and in the summer there is statistically more crime. Therefore, eating more ice cream causes more crime!" (or "more crime makes people eat more ice cream."), that, of course, would be silly. These are two things that happen at the same time—signs—but they are effects of something else – hot weather. If we see one sign, we will see the other. Either way, they are signs or perhaps two different things that just happen to be occurring at the same time, but not causes.

Analogical reasoning

As mentioned above, **analogical reasoning** involves comparison. For it to be valid, the two things (schools, states, countries, businesses) must be truly alike in many important ways—*essentially* alike. Although Harvard and Dalton State are both colleges, they are not essentially alike in very many ways. They have different missions, histories, governance, surrounding locations, sizes, clientele, funding sources, funding amounts, etc. So it would be foolish to argue, "Harvard has a law school, therefore DSC should have a law school." On the other hand, there are colleges that are very similar to DSC in all those ways, so comparisons could be valid in those cases.

You have probably heard the phrase, "that is like comparing apples and oranges." When you think about it, though, apples

Sign reasoning

a form of inductive reasoning in which conclusions are drawn about phenomena based on events that precede (not cause) a subsequent event

Analogical reasoning

drawing conclusions about an object or phenomenon based on its similarities to something else.

and oranges are more alike than they are different (they are both still fruit, after all). This observation points out the difficulty of analogical reasoning—how similar do the two “things” have to be for there to be a valid analogy? Second, what is the purpose of the analogy? Is it to prove that State College A has a specific program (sports, Greek societies, a theatre major), therefore, Dalton State should have that program, too? Are there other factors to consider? Analogical reasoning is one of the less reliable forms of logic, although it is used frequently.

To summarize, inductive or bottom-up reasoning comes in four varieties, each capable of being used correctly or incorrectly. Remember that inductive reasoning is disproven by counter evidence and its conclusions are always up to revision by new evidence.

14.3 – Deductive Reasoning

The second type of reasoning is called **deductive reasoning**, a type of reasoning in which a conclusion is based on the combination of multiple premises that are generally assumed to be true. It has been referred to as “reasoning from principle,” which is a good description. It can also be called “top-down” reasoning. However, you should not think of deductive reasoning as the opposite of inductive reasoning. They are two different ways of thinking about evidence. If this were a logic class, we would study deduction in great depth.

First, deductive reasoning employs the **sylogism**, which is a three-sentence argument composed of a major premise (a generalization or principle that is accepted as true), a minor premise (an example of the major premise), and a conclusion. This conclusion has to be true if the major and minor premise are true; it logically follows from the first two statements. Here are some examples. The most common one you may have seen before.

All men are mortal. (Major premise: something everyone already agrees on)

Socrates is a man. (Minor premise: an example taken from the major premise.)

Socrates is mortal. (Conclusion: the only conclusion that can be drawn from the first two sentences.)

Major Premise: All Dalton State College students must take COMM 1110.

Deductive reasoning

a type of reasoning in which a conclusion is based on the combination of multiple premises that are generally assumed to be true

Sylogism

a three-sentence argument composed of a major premise (a generalization or principle that is accepted as true), a minor premise (an example of the major premise), and a conclusion

Minor Premise: Brittany is a Dalton State College student.

Conclusion: Brittany must take COMM 1110.

Major Premise: All dogs have fur.

Minor Premise: Fifi is a dog.

Conclusion: Fifi has fur.

Of course, at this point you may have some issues with these examples. First, Socrates is already dead and you did not need a syllogism to know that. The Greek philosopher lived 2,400 years ago! Second, these seem kind of obvious. Third, are there some exceptions to “All Dalton State College students must take COMM 1110”? Yes, there are; some transfer students do not, and certificate students do not. Finally, there are breeds of dogs that are hairless. Some people consider them odd-looking, but they do exist. So while it is true that all men are mortal, it is not true that all DSC students must take COMM 1110 or that all dogs have fur.

Consequently, the first criterion for syllogisms and deductive reasoning is that the premises have to be true for the conclusion to be true, even if the method is right. A right method and untrue premises will not result in a true conclusion. Equally, true premises with a wrong method will also not result in true conclusions. For example:

Major premise: All dogs bark.

Minor premise: Fifi barks.

Conclusion: Fifi is a dog.

You should notice that the minor premise is stated incorrectly. We know other animals bark, notably seals (although it is hard to think of a seal named “Fifi”). The minor premise would have to read “Fifi is a dog” to arrive at the logical conclusion, “Fifi barks.”

However, by restating the major premise, you have a different argument.

Major premise: Dogs are the only animals who wag their tails when happy.

Minor premise: Fifi wags her tail when happy.
 Conclusion: Fifi is a dog.

Another term in deductive reasoning is an **enthymeme**. This odd word refers to a syllogism with one of the premises missing.

Enthymeme

a syllogism with one of the premises missing

Major premise: (*missing*)
 Minor premise: Daniel Becker is a chemistry major.
 Conclusion: Daniel Becker will make a good SGA president.

What is the missing major premise? “Chemistry majors make good SGA presidents.” Why? Is there any support for this statement? Deductive reasoning is not designed to present unsupported major premises; its purpose is to go from what is known to what is not known in the absence of direct observation. If it is true that chemistry majors make good SGA presidents, then we could conclude Dan will do a good job in this role. But the premise, which in the enthymeme is left out, is questionable when put up to scrutiny.

Major premise: Socialists favor government-run health care.
 Minor premise: (*missing*)
 Conclusion: Candidate Fran Stokes favors government-run health care.

Consequently, it is best to avoid enthymemes with audiences and to be mindful of them when used by persuaders. They are mentioned here to make you aware of how commonly they are used as shortcuts. Enthymemes are common in advertising. You may have heard the slogan for Smucker’s jams, “With a name like Smucker’s, it has to be good.”

Major premise: Products with odd names are good products.
 Minor premise: “Smucker’s” is an odd name.
 Conclusion: Smucker’s is a good product.



To conclude, deductive reasoning helps us go from known to unknown and can lead to reliable conclusions *if* the premises and the method are correct. It has been around since the time of the ancient Greeks. It is not the flipside of inductive but a separate method of logic. While enthymemes are not always errors, you should listen carefully to arguments that use them to be sure that something incorrect is not being assumed or presented.

14.4 – Logical Fallacies

The second part of achieving a logical speech is to avoid logical fallacies. **Logical fallacies** are mistakes in reasoning—getting one of the formulas, inductive or deductive, wrong. There are actually dozens upon dozens of fallacies, some of which have complicated Latin names. This chapter will deal with 18 of the most common ones that you should know to avoid poor logic in your speech and to become a critical thinker.

False Analogy

A **false analogy** is a fallacy where two things are compared that do not share enough key similarities to be compared fairly. As mentioned before, for analogical reasoning to be valid, the two things being compared must be essentially similar—similar in all the important ways. Two states could be analogous, if they are in the same region, have similar demographics and histories, simi-

False analogy

a fallacy where two things are compared that do not share enough (or key) similarities to be compared fairly

lar size, and other aspects in common. Georgia is more like Alabama than it is like Hawaii, although both are states. An analogy between the United States and, for example, a tiny European country with a homogeneous population is probably not a valid analogy.

False Cause

False cause

a general fallacy involving causal reasoning, where it is assumed that something that is neither strong or direct enough has caused something else, or something that happened first in time caused something later

False cause is a fallacy that assumes that one thing causes another, but there is no logical connection between the two. The cause might not be strong or direct enough, or it just happened first. A cause must be direct and strong enough, not just before or somewhat related to cause the problem. For example, there has been much debate over the causes of the recession in 2008. If someone said, "The exorbitant salaries paid to professional athletes contributed to the recession" that would be the fallacy of false cause. Why? For one thing, the salaries, though large, are an infinitesimal part of the whole economy; those salaries only affect a small number of people; and those salaries have nothing to do with housing market or the management of the large car companies, banks, or Wall Street, which had a stronger and more direct effect on the economy as a whole.

Slippery Slope

Slippery slope

a fallacy that assumes that taking a first step will lead to subsequent events that cannot be prevented

A **slippery slope** fallacy is a type of false cause which assumes that taking a first step will lead to subsequent events that cannot be prevented. The children's book, *If You Give a Moose a Muffin* is a good example of slippery slope; it tells all the terrible things (from a child's point of view) that will happen, one after another, if a moose is given a muffin. If A happens, then B will happen, then C, then D, then E, F, G and it will get worse and worse and before you know it, we will all be in some sort of ruin. So, don't do A or don't let A happen, because it will inevitably lead to Z, and of course, Z is terrible.

This type of reasoning fails to look at alternate causes or factors that could keep the worst from happening, and often is somewhat silly when A is linked right to Z. A young woman may say to a young man asking her out, "If I go out with you Thursday night, I won't be able to study for my test Friday. Then I will fail the test. Then I will fail the class. Then I will lose my scholarship. Then I will have to drop out of college. Then I will not get the career I want, and I'll be 30 years old still living with my parents, unmarried, unhappy, and no children or career! That's why I just can't go out with you!" Obviously, this young woman has gone out of her way to get out of this date, and she has committed a slippery slope. Additionally, since no one can

predict the future, we can never be certain on the direction a given chain of events will lead.

Slippery slope arguments are often used in discussions over emotional and hot button topics such as gun control and physician-assisted suicide. One might argue that “If guns are outlawed, only outlaws will have guns,” a bumper sticker you may have seen. This is an example of a slippery slope argument because it is saying that any gun control laws will inevitably lead to no guns being allowed at all in the U.S. and then the inevitable result that only criminals will have guns because they don’t obey gun control laws anyway. While it is true criminals do not care about gun laws, we already have a large number of gun laws and the level of gun ownership is as high as ever.

However, just because an argument is criticized as a slippery slope, that does not mean it is a slippery slope. Sometimes actions do lead to far-reaching but unforeseen events, according to the “law of unintended consequences.” We should look below the surface to see if the accusation of slippery slope is true.

For example, in regard to the anti-gun control “bumper sticker,” an investigation of the facts will show that gun control laws have been ineffective in many ways; we have more guns than ever now (347 million, according to a website affiliated with the National Rifle Association). However, according to the Brookings Institution, there are

“ . . . about 300 major state and federal laws, and an unknown but shrinking number of local laws’ . . . Rather than trying to base arguments for more or fewer laws on counting up the current total, we would do better to study the impact of the laws we do have.” (Vernicko & Hepburn, 2002, p. 2).

Note that in the previous paragraph, two numerical figures are used, both from sources that are not free of bias. The National Rifle Association obviously opposes gun restrictions and does not support the idea that there are too many guns. Their website gives the background to show how that figure was discovered. The Brookings Institution is a “think-tank” (a group of scholars who write about public issues) that advocates gun control. Their article explains how it came to its number of state and federal laws, but admits that it omitted many local laws about carrying or firing guns in public places. So the number is actually higher, by its own admission. The Brookings Institution does not think there are too

many laws; it thinks there should be more, or at least better enforced ones.

This information about the sources is provided to make a point about possible bias in sources but also about critical thinking and reading, or more specifically, reading carefully to understand your sources. Just finding a source that looks pretty good is not enough. You must ask important questions about the way the information is presented.

Hasty Generalization

Making a **hasty generalization** means making a generalization with too few examples. It is so common that we might wonder if there are any legitimate generalizations. The key to generalizations is how the conclusions are “framed” or put into language. The conclusions should be specific and be clear about the limited nature of the sample. Even worse is when the generalization is also applied too hastily to other situations. For example:

Premise: Albert Einstein did poorly in math in school.

Conclusion: All world-renowned scientists do poorly in math in school.

Secondary Conclusion: I did poorly at math in school, so I will become a world-renowned scientist.

Or this example that college professors hear all the time.

Premise: Mark Zuckerberg dropped out of college, invented Facebook, and made billions of dollars.

Premise: Bill Gates dropped out of college, started Microsoft, and made billions of dollars.

Conclusion: Dropping out of college leads to great financial success.

Secondary conclusion: A college degree is unnecessary.

Straw Man

A **straw man** fallacy is a fallacy that shows only the weaker side of an opponent’s argument in order to more easily tear it

Hasty generalization

a fallacy that involves making a generalization with too few examples

Straw man

a fallacy that shows only the weaker side of an opponent’s argument in order to more easily tear it down



down. The term “straw man” brings up the image of a scarecrow, and that is the idea behind the expression. Even a child can beat up a scarecrow; anyone can. Straw man fallacy happens when an opponent in a debate misinterprets or takes a small part of his/her opponent's position in a debate and blows that misinterpretation or small part out of proportion and makes it a major part of the argument. This is often done by ridicule, taking statements out of context, or misquoting.

Politicians, unfortunately, commit the straw man fallacy quite frequently. If someone argues that college professors don't care about students' learning because they say, “you must read the chapter to understand the material; I can't explain it all to you in class,” that is taking a behavior and making it mean something it doesn't. If someone states, “College A is not as good as College B because the cafeteria food at College A is not as good” is a pretty weak argument—and making too big of a “deal” out of a minor thing—for attending one college over another.

Post hoc ergo propter hoc

This long Latin phrase means “After the fact therefore because of the fact.” Also called historical fallacy, this one is an error in causal reasoning. Historical fallacy uses progression in time as the reason for causation, but nothing else. In this scenario, A happens, then B happens; therefore A caused B. The fallacy states that because an event takes place first in time, it is the cause of an event that takes place later in time. We know that is not true, but sometimes we act as if it is.

Elections often get blamed for everything that happens afterward. It is true that a cause must happen first or before the effect, but it doesn't mean that everything or anything that happens beforehand must be the cause. In the example given

Post hoc ergo propter hoc (historical fallacy)

using progression in time as the reason for causation, but nothing else.

earlier, a football team losing its game five days earlier can't be the reason for a student failing a test just because it happened first.

Argument from Silence

You can't prove something from nothing. If the constitution, or legal system, or authority, or the evidence is silent on a matter, then that is all you know. You cannot conclude anything about that. "I know ESP is true because no one has ever proven that it isn't true" is not an argument. Here we see the difference between fallacious and false. Fallacious has to do with the reasoning process being correct, not with the truth or falseness of the conclusion. If I point to a girl on campus and say, "That girl is Katy Perry," I am simply stating a falsehood, not committing a fallacy. If I say, "Her name is Katy Perry and the reason I know that is because no one has ever told me that her name is not Katy Perry" (argument from silence), that is a fallacy *and* a falsehood.

Argument from Silence

Making an converse argument from lack of evidence or information about a conclusion

Statistical fallacies

The first type of statistical fallacy is "small sample," the second is "unrepresentative sample," and the third is a variation of appeal to popularity (discussed below). In small sample, an argument is being made from too few examples (so it is essentially hasty generalization, but in this case we are basing the generalization on statistics). In unrepresentative sample, a conclusion is based on surveys of people who do not represent, or resemble, the ones to whom the conclusion is being applied. If you ever take a poll on a website, it is not "scientific" because it is unrepresentative. Only people who go to that website are participating, and who knows, the same people could be voting over and over. In a scientific or representative survey or poll, the pollsters talk to different socio-economic classes, races, ages, and genders and the methodology is very carefully performed.

If you go to the president of the college and say, "We need to have a daycare here because 90% of the students say so," but you only polled ten students, that would be small sample. If you say, "I polled 100 students," that would still be small, but better, unless all of them were your friends who attended other colleges in the state. That group would not be representative of the student body. If you polled 300 students but they were all members of high school graduating class and the same gender as you, that would also be unrepresentative sample.

In the end, a survey indicates trends in opinions and be-

haviors, not the future. We have lots of polls before the election, but only one poll matters—the official vote on Election Day.

Non Sequitur

Non sequitur is Latin for “it does not follow.” It’s an all-purpose fallacy for situations where the conclusion sounds good at first but then you realize there is no connection between the premises and the conclusion. If you say to your supervisor, “I need a raise because the price of BMWs went up,” that is a *non sequitur*.

Inappropriate Appeal to Authority

There are appropriate appeals to authority, such as when you use sources in your speech who are knowledgeable, experienced, and credible. But not all sources are credible. Some may be knowledgeable about one field but not another. A person with a Nobel Prize in economics is not qualified to talk about medicine, no matter how smart he/she is (the economist could talk about the economic factors of medicine, however). Of course, the most common place we see this is in celebrity endorsements, which we see all the time on the media.

False Dilemma

This one is often referred to as the “either-or” fallacy. When you are given only two options, and more than two options exist, that is false dilemma. Usually in false dilemma, one of the options is undesirable and the other is the one the persuader wants you to take. False dilemma is common. “America: Love it or Leave It.” “If you don’t buy this furniture today, you’ll never get another chance.” “Vote for Candidate Y or see your taxes raised.”

Appeal to Tradition

Essentially, appeal to tradition is the argument, “We’ve always done it this way.” This fallacy happens when traditional practice is the only reason for continuing a policy. Tradition is a great thing, we do many wonderful things for the sake of tradition, and it makes us feel good. But doing something only because it’s always been done a certain way is not an argument. Does it work? Is it cost effective? Is some other approach better? If Roberts Library refused to adopt a computer database of books in favor of the old card catalog because “that’s what libraries have done for hundreds of years,” you would likely be upset and argue they need to get with the times. The same would be true if the classrooms all still had only chalkboards instead of computers and projectors.

Non sequitur

a fallacy where the conclusion does not follow from its premise

False Dilemma

a fallacy that forces listeners to choose between two alternatives when more than two alternatives exist

Appeal to Tradition

Arguing that traditional practice and long-term history is the only reason for continuing a policy.

Bandwagon

Bandwagon

a fallacy that assumes that because something is popular, it is therefore good, correct, or desirable

This fallacy is also referred to as “appeal to majority” and “appeal to popularity,” using the old expression of “get on the bandwagon” to support an idea. Essentially, **bandwagon** is a fallacy that asserts that because something is popular (or seems to be), it is therefore good, correct, or desirable. In a sense it was mentioned before, under statistical fallacies. Of course, you've probably heard it or said it many times: "Everybody is doing it." Well, of course, everybody is *not* doing it, it just seems like it. And the fact (or perception) that more than 50% of the population is engaging in an activity does not make that a wise activity.

Many times in history over 50% of the population believed or did something that was not good or right, such as believing the earth was the center of the solar system and the sun orbited around the earth. In a democracy we make public policy to some extent based on majority rule, but we also have protections for the minority. This is a wonderful part of our system; otherwise we would have mob rule. But it is foolish to say that something is morally right or wrong or even wise policy just because it is supported by 50% of the people. So when you hear a public opinion poll that says, "58% of the population thinks..." keep this in mind. Also, all it means is that 58% of the people on a survey indicated a belief or attitude on a survey, not that the belief or attitude is correct.

Red Herring

Red herring

creating a diversion or introducing an irrelevant point to distract someone or get someone off the subject of the argument.

This one has an interesting history, and you might want to look it up. A herring is a fish, and it was once used to throw off or distract foxhounds from a particular scent. A **red herring**, then, is creating a diversion or introducing an irrelevant point to distract someone or get someone off the subject of the argument. When a politician in a debate is asked about his stance on immigration, and the candidate responds, “I think we need to focus on reducing the debt. That’s the real problem!”, he is introducing a red herring to distract from the original topic under discussion. If someone argues, “We should not worry about the needs of people in other countries because we have poor people in the United States,” that may sound good on the surface, but it is a red herring *and* a false dilemma (either-or) fallacy. It is possible to address poverty in this country and other countries at the same time.

Ad Hominem

This Latin term means "argument to the man," and generally refers to a fallacy that attacks the person rather than dealing

with the real issue in dispute. A person using *ad hominem* connects a real or perceived flaw in a person's character or behavior to an issue he or she supports, asserting that the flaw in character makes the position on the issue wrong. Obviously, there is no connection. In a sense, *ad hominem* is a type of red herring because it distracts from the real argument. In some cases, the "hidden agenda" is to say that someone of bad character who supports an issue or argument means that an issue or argument is not worthy.

A person using *ad hominem* might say, "Climate change is not true. It is supported by advocates such as Congressman Jones, and we all know that Congressman Jones was convicted of fraud last year." This is not to say that Congressman Jones should be re-elected, only that climate change's being true or false is irrelevant to his fraud conviction. Do not confuse *ad hominem* with poor credibility or ethos. A speaker's ethos, based on character or past behavior, does matter. It just doesn't mean that the issues he or she supports are logically or factually wrong.

Ad Misericordium

This Latin term means "appeal to pity" and sometimes that term is used instead of the Latin one. There is nothing wrong with pity and human compassion as an emotional appeal in a persuasive speech; in fact, that is definitely one you might want to use if it is appropriate, such as to solicit donations to a worthwhile charity. However, if the appeal to pity is used to elicit an emotional appeal and cover up a lack of facts and evidence, it is being used as a smokescreen and is deceiving the audience. Chapter 2 of this book looked at ethics in public speaking, and intentional use of logical fallacies is a breach of ethics, even if the audience accepts them and does not use critical thinking on its own.

Plain Folks

Plain folks is a tactic commonly used in advertising and by politicians. Americans do not like elitism, so powerful persons will often try to make themselves appear like the "common man." A man running for Senate may walk around in a campaign ad in a flannel shirt, looking at his farm. (Flannel shirts are popular for politicians.) A businessman of a large corporation may want you to think his company cares about the "little guy" by showing the owner helping on the assembly line. The image that these situations create says, "I'm one of the guys, just like you."

Ad hominem

a fallacy that attacks the person rather than dealing with the real issue in dispute.

Ad misericordium

Inappropriate appeal to pity or emotions to hide lack of facts or argument

Guilt by Association

This fallacy is a form of false analogy based on the idea that if two things bear any relationship at all, they are comparable. No one wants to be blamed for something just because she is in the wrong place at the wrong time or happens to bear some resemblance to a guilty person. An example would be if someone argued, “Adolf Hitler was a vegetarian; therefore being a vegetarian is evil.” Of course, vegetarianism as a life practice had nothing to do with Hitler’s character. Although this is an extreme example, it is not uncommon to hear guilt by association used as a type of *ad hominem* argument.

There are other fallacies, many of which go by Latin names. You can visit other websites, such as <http://www.logicalfallacies.info/> for more types and examples. These 18 are a good start to helping you discern good reasoning and supplement your knowledge of and ability in critical thinking.

Conclusion

This chapter took the subject of public speaking to a different level in that it was somewhat more abstract than the other chapters. However, a public speaker is responsible for using good reasoning as much as she is responsible to have an organized speech, to analyze the audience, or to practice for effective delivery.

Something to Think About

You cannot hear logical fallacies unless you listen carefully and critically. Keep your ears open to possible uses of fallacies. Are they used in discussion of emotional topics? Are they used to get compliance (such as to buy a product) without allowing the consumer to think about the issues? What else do you notice about them?

Chapter 15

Special Occasion Speaking



Learning Objectives

After reading this chapter, the student will be able to

- ◇ Understand the differences between research-based speeches (informative and persuasive) and special occasions speeches;
- ◇ Identify the types of special occasion speeches;
- ◇ Use language to create emotional and evocative phrases;
- ◇ Understand the proper techniques for delivering a special occasion speech.

Chapter Preview

15.1 – Understanding Special Occasion Speeches

15.2 – Types of Special Occasion Speeches

15.3 – Special Occasion Language

15.4 – Special Occasion Delivery

15.1 – Understanding Special Occasion Speeches

Often the speaking opportunities life brings our way have nothing to do with specifically informing or persuading an audience; instead, we are most commonly asked to speak during special occasions in our lives. Whether you are standing up to give a speech at an awards ceremony or a toast at a wedding, knowing how to deliver speeches in a variety of different contexts is the nature of special occasion speaking. In this chapter, we are going to explore what special occasion speeches are as well as a number of types of special occasion speeches ranging from humorous to somber.

In broad terms, a **special occasion speech** is a speech designed to capture an audience’s attention while delivering a message. Like informative or persuasive speeches, special occasion speeches should communicate a clear message, but the manner of speaking used is typically different. The word “special” in the term “special occasion speeches” is somewhat subjective in that while some speaking occasions truly are special occasions (e.g., a toast at a wedding, an acceptance speech at an awards banquet, a eulogy for a loved one), they can also be given at more mundane events, such as the hundreds of public relations speeches that big companies give every day. The goal of a special occasion speech is ultimately to stir an audience’s emotions and make them feel a certain way in response to the situation or occasion.

Of all the types of speeches we are most likely to have to give during our lives, the bulk of them will probably fall into the special occasion category. These often include speeches that are designed to inspire or motivate an audience to do something. These are, however, different from a traditional persuasive speech. While special occasion speeches can be persuasive, we differentiate the two often based on the rhetorical situation itself. Let’s say you’re the coach of your child’s little league team or a project leader at your work. In both cases you might find yourself delivering a speech to motivate your teams that has the added effect of persuading them to do their best. You can imagine how these speeches would be different from traditional persuasive speeches focusing on, say, persuading a group of 50-somethings to change their investment strategy or a group of your peers to vote for a certain candidate for Student Senate.

To help us think through how to be effective in delivering special occasion speeches, let’s look at four key ingredients: preparation, adaptation to the occasion, adaptation to the audience, and mindfulness about the time.

Special Occasion Speech

a speech designed to capture an audience’s attention while delivering a message

Be Prepared

First, and foremost, the biggest mistake you can make when standing to deliver a special occasion speech is to under-prepare or simply not prepare at all. We've stressed the need for preparation throughout this text, so just because you're giving a wedding toast or a eulogy doesn't mean you shouldn't think through the speech before you stand up and speak out. If the situation is impromptu, even jotting some basic notes on a napkin is better than not having any plan for what you are going to say. Remember, when you get anxious, as inevitably happens in front of an audience, your brain doesn't function as well as when you are having a relaxed conversation with friends. You often forget information. By writing down some simple notes, you'll be less likely to deliver a bad speech.

Be Adaptive to the Occasion

Not all content is appropriate for all occasions. If you are asked to deliver a speech commemorating the first anniversary of a school shooting, then obviously using humor and telling jokes wouldn't be appropriate. But some decisions about adapting to the occasion are less obvious. Consider the following examples:

- You are the maid of honor giving a toast at the wedding of your younger sister.
- You are receiving a Most Valuable Player award in your favorite sport.
- You are a sales representative speaking to a group of clients after a mistake has been discovered.
- You are a cancer survivor speaking at a high school student assembly.
- You are giving an after-dinner speech to the members of your fraternity.

How might you adapt your message and speaking style to successfully convey your message to these various audiences?

Remember that being a competent speaker is about being both personally effective and socially appropriate. Different occasions will call for different levels of social appropriateness. One of the biggest mistakes entertaining speakers can make is to deliver one generic speech to different groups without adapting the speech to the specific occasion. In fact, professional speakers always make sure that their speeches are tailored for different occasions by getting information about the occasion from their

hosts. When we tailor speeches for special occasions, people are more likely to remember those speeches than if we give a generic speech.

Be Adaptive to Your Audience

Once again, we cannot stress the importance of audience adaptation enough in this text. Different audiences will respond differently to speech material, so the more you know about your audience, the more likely you'll succeed in your speech. One of our coauthors was once at a conference for teachers of public speaking. The keynote speaker stood and delivered a speech on the importance of public speaking. While the speaker was good and funny, the speech really fell flat. The keynote speaker basically told the public speaking teachers that they should take public speaking courses because public speaking is important. Right speech, wrong audience!

Be Mindful of the Time

The last major consideration for delivering special occasion speeches successfully is to be mindful of your time. Different speech situations have their own conventions and rules with regard to time. Acceptance speeches and toasts, for example, should be relatively short (typically under five minutes). A speech of introduction should be *extremely* brief—just long enough to tell the audience what they need to know about the person being introduced in a style that prepares them to appreciate that person's remarks. In contrast, commencement speeches and speeches to commemorate events can run ten to twenty minutes in length.

It's also important to recognize that audiences on different occasions will expect speeches of various lengths. For example, although it's true that graduation commencement speakers generally speak for ten to twenty minutes, the closer that speaker heads toward twenty minutes the more fidgety the audience becomes. To hold the audience's attention, a commencement speaker would do well to make the closing minutes of the speech the most engaging and inspiring portion of the speech. If you're not sure about the expected time frame for a speech, either ask the person who has invited you to speak or do some quick research to see what the average speech times in the given context tend to be.

15.2 – Types of Special Occasion Speeches

Unlike the informative and persuasive speeches you were required to give, special occasion speeches are much broader and

allow for a wider range of topics, events, and approaches to be employed. However, while the following list of special occasion speeches is long, your instructor will have specific types of special occasion speeches that you will be allowed (or required) to do for class. But since special occasion speeches are the ones you are most likely to be asked to give in your life, we want to cover everything you might need to know to give a good one.

Speech of introduction

a mini-speech given by the host of a ceremony that introduces another speaker and his or her speech

Speeches of Introduction

The first type of special occasion speech is the **speech of introduction**, which is a mini-speech given by the host of a ceremony that introduces another speaker and his or her speech. Few things are worse than when the introducer of a speaker stands up and says, “This is Wyatt Ford. He’s going to talk about stress.” While we did learn the speaker’s name and the topic, the introduction falls flat. Audiences won’t be the least bit excited about listening to Wyatt’s speech.

Just like any other speech, a speech of introduction should be a complete speech and have a clear introduction, body, and conclusion—and you should do it all in under two minutes. This brings up another “few things are worse” scenario: an introductory speaker who rambles on for too long or who talks about himself or herself instead of focusing on the person being introduced.

For an introduction, think of a hook that will make your audience interested in the upcoming speaker. Did you read a news article related to the speaker’s topic? Have you been impressed by a presentation you’ve heard the speaker give in the past? You need to find something that can grab the audience’s attention and make them excited about hearing the main speaker.

The body of your speech of introduction should be devoted to telling the audience about the speaker’s topic, why the speaker is qualified, and why the audience should listen (notice we now have our three main points). First, tell your audience in general terms about the overarching topic of the speech. Most of the time as an introducer, you’ll only have a speech title and maybe a paragraph of information to help guide this part of your speech. That’s all right. You don’t need to know all the ins and outs of the main speaker’s speech; you just need to know enough to whet the audience’s appetite. Next, you need to tell the audience why the speaker is a credible speaker on the topic. Has the speaker written books or articles on the subject? Has the speaker had special life events that make him or her qualified?

Lastly, you need to briefly explain to the audience why they should care about the upcoming speech.

The final part of a good introduction is the conclusion, which is generally designed to welcome the speaker to the lectern. Many introducers will conclude by saying something like, “I am looking forward to hearing how Wyatt Ford’s advice and wisdom can help all of us today, so please join me in welcoming Dr. Wyatt Ford.” At this point, you as the person introducing the speaker are “handing off” the speaking duties to someone else, so it is not uncommon to end your speech of introduction by clapping as the speaker comes on stage, shaking the speaker’s hand, or giving the speaker a hug (depending on the circumstances of the speech).

Speeches of Presentation

The second type of special occasion speech is the **speech of presentation**. A speech of presentation is a brief speech given to accompany a prize or honor. Speeches of presentation can be as simple as saying, “This year’s recipient of the Lavache Public Speaking prize is Ryann Curley,” or could last up to five minutes as the speaker explains why the honoree was chosen for the award. An interesting example of a speech presenting an award is [this one by Zoe Saldana for J.J. Abrams](#).

When preparing a speech of presentation, it’s always important to ask how long the speech should be. Once you know the time limit, then you can set out to create the speech itself. First, you should explain what the award or honor is and why the presentation is important. Second, you can explain what the recipient has accomplished in order for the award to be bestowed. Did the person win a race? Did the person write an important piece of literature? Did the person mediate conflict? Whatever the recipient has done, you need to clearly highlight his or her work. Lastly, if the race or competition was conducted in a public forum and numerous people didn’t win, you may want to recognize those people for their efforts as well. While you don’t want to steal the show away from winner, you may want to highlight the work of the other competitors or nominees.

Speeches of Acceptance

The complement to a speech of presentation is the **speech of acceptance**. The speech of acceptance is a speech given by the recipient of a prize or honor. There are three typical components of a speech of acceptance: 1) thank the givers of the award or honor, 2) thank those who helped you achieve your goal, and 3) put the award or honor into perspective. First, you want to thank the people who have given you the award or honor

Speech of presentation

a brief speech given to accompany a prize or honor

Speech of acceptance

a speech given by the recipient of a prize or honor

and possibly those who voted for you. We see this done every year during the Oscars, “First, I’d like to thank the Academy and all the Academy voters.”

Second, you want to give credit to those who helped you achieve the award or honor. No person accomplishes things in life on his or her own. We all have family members, friends, and colleagues who support us and help us achieve what we do in life, and a speech of acceptance is a great time to graciously recognize those individuals. Lastly, put the award in perspective. Tell the people listening to your speech why the award is meaningful to you. If you know you are up for an award, the odds of your winning are high. In order to avoid blubbering through an accep-



tance speech, have one ready. A good rule to remember is: Be thankful, be gracious, be short.

Speech of dedication

a speech delivered to mark the unveiling, opening, or acknowledging of some landmark or structure

Speeches of Dedication

A fourth special occasion speech is the **speech of dedication**. A speech of dedication is delivered when a new store opens, a building is named after someone, a plaque is placed on a wall, a new library is completed, and so on. These speeches are designed to highlight the importance of the project and possibly those to whom the project has been dedicated. Maybe your great-uncle has died and left your college tons of money, so the college has decided to rename one of the dorms after him. In this case, you may be asked to speak at the dedication.

When preparing a speech of dedication, start by explaining how you are involved in the dedication. If the person to whom the dedication is being made is a relative, tell the audience that the building is being named after your great-uncle who

bestowed a gift to his alma mater. Second, you want to explain what is being dedicated. If the dedication is a new building or a pre-existing building, you want to explain what is being dedicated and the importance of the structure. You should then explain who was involved in the project.

If the project is a new structure, talk about the people who built the structure or designed it. If the project is a pre-existing structure, talk about the people who put together and decided on the dedication. Lastly, explain why the structure is important for the community in which it is located. If the dedication is for a new store, talk about how the store will bring in new jobs and new shopping opportunities. If the dedication is for a new wing of a hospital, talk about how patients will be served and the advances in medicine the new wing will provide the community.

Toasts

At one time or another, almost everyone is going to be asked to deliver a toast. A **toast** is a speech designed to congratulate, appreciate, or remember. First, toasts can be delivered for the purpose of congratulating someone for an honor, a new job, or getting married. You can also toast someone to show your appreciation for something he or she has done. Lastly, we toast people to remember them and what they have accomplished.

When preparing a toast, the first goal is always to keep your remarks brief. Toasts are generally given during the middle of some kind of festivities (e.g., wedding, retirement party, farewell party), and you don't want your toast to take away from those festivities for too long. Second, the goal of a toast is to focus attention on the person or persons being toasted—not on the speaker.

As such, while you are speaking, you need to focus your attention toward the people being toasted, both by physically looking at them and by keeping your message about them. You should also avoid any inside jokes between you and the people being toasted because toasts are public and should be accessible for everyone who hears them. To conclude a toast, simply say something like, "Please join me in recognizing Gina for her achievement" and lift your glass. When you lift your glass, this will signal to others to do the same and then you can all take a drink, which is the end of your speech.

Roasts

A **roast** is a very interesting and peculiar speech because it is designed to both praise and good-naturedly insult a person being honored. Because of this combination of purposes, it is not

Toast

a speech designed to congratulate, appreciate, or remember

Roast

a humorous speech designed to both praise and good-naturedly insult a person being honored

hard to argue that the roast is probably a challenging type of speeches to write given the difficult task of simultaneously praising and insulting the person. Generally, roasts are given at the conclusion of a banquet in honor of someone's life achievements. The television station *Comedy Central* has been conducting roasts of various celebrities for a few years, and if you've ever watched one, you'll know that the roasters don't pull any punches.

During a roast, the roaster will stand behind a lectern while the roastee is seated somewhere where he or she is clearly on display for the audience to see, thus allowing the audience to take in his or her reactions. Since half the fun of a good roast is watching the roastee's reactions during the roast, it's important to have the roastee clearly visible to the audience.

How does one prepare for a roast? First, you want to really think about the person who is being roasted. Does he or she have any strange habits or amusing stories in their past that you can discuss? When you think through these questions, you want to make sure that you cross anything off your list that is truly private information or will really hurt the person. The goal of a roast is to poke at him, not massacre him.

Second, when selecting which aspects to poke fun at, you need to make sure that the items you choose are widely known by your audience. Roasts work when the majority of people in the audience can relate to the jokes being made. If you have an inside joke with the roastee, bringing it up during roast may be great fun for the two of you, but it will leave your audience unimpressed. Lastly, end on a positive note. While the jokes are definitely the fun part of a roast, you should leave the roastee knowing that you truly do care about and appreciate the person.

Eulogies

Eulogy

a speech given in honor of someone who has died

A **eulogy** is a speech given in honor of someone who has died (Don't confuse "eulogy" with "elegy," a poem or song of mourning). Not to sound depressing, but since everyone who is alive will someday die, the chance of your being asked to give a eulogy someday for a friend, family member, or loved one is significant. However, when the time comes to deliver a eulogy, it's good to know what you're doing and to adequately prepare your remarks.

When preparing a eulogy, first you need to know as much information about the deceased as possible. The more information you have about the person, the more personal you can make the eulogy. While you can rely on your own information if

you were close to the deceased, it is always a good idea to ask friends and relatives of the deceased for their memories, as these may add important facets that may not have occurred to you. Of course, if you were not very close to the deceased, you will need to ask friends and family for information. Second, although eulogies are delivered on the serious and sad occasion of a funeral or memorial service for the deceased, it is very helpful to look for at least one point to be lighter or humorous. In some cultures, in fact, the friends and family attending the funeral will expect the eulogy to be highly entertaining and amusing.

Take, for example, Tom Arnold's eulogy of *Saturday Night Live* actor Chris Farley. During his speech at Farley's funeral, Arnold noted, "Chris was concerned about his size, and so he made sure that all of us who knew him well saw him naked at least once" (Glionna, 1998). Picturing the heavy-set comedian naked surely brought some humor to the somber proceedings, but Arnold knew Farley (and his audience) well enough to know that the story would be appropriate.

Knowing the deceased and the audience is vital when deciding on the type and amount of humor to use in a eulogy. You can imagine the audience being shocked and possibly offended if someone had suggested picturing Eleanor Roosevelt in the nude during her funeral. But it would be appropriate to tell a funny story about Uncle Joe's love for his rattletrap car or Aunt Mary's love of tacky Christmas sweaters. Ultimately, the goal of the humor or lighter aspects of a eulogy is to relieve the tension that is created by the serious nature of the occasion.

If you are ever asked to give a eulogy, that means you were probably close to the deceased and are experiencing shock, depression, and disbelief at your loved one's passing. The last thing that you will want to do (or be in a mental state to do) is figure out how to structure your eulogy. To that end, here are three parts of a eulogy (i.e. main points) you can use to write one without worrying about being original with structure or organizational patterns.

Praise

The first thing you want to do when remembering someone who has passed away is remind the audience what made that person so special. So you will want to praise her and her accomplishments. This can include notable achievements (being an award winner; helping with charities), personal qualities ("she was always willing to listen to your problems and help in any way she could"), or anecdotes and stories (being a great mother; how

she drove to college to visit you when you were homesick).

Lament

Lament

to express grief or sorrow

The second thing you want to do in a eulogy is to lament the loss. To **lament** means to express grief or sorrow, which is what everyone at a funeral has gathered to do. You will want to acknowledge that everyone is sad and that his or her passing will be difficult to get through. Here you might mention all the things that will no longer happen as a result of the death. “Now that Grandpa is gone, there won’t be any more Sunday dinners where he cooks chicken on the grill or bakes his famous macaroni and cheese”.

Console

to offer comfort in a time of grief

Console

The final step (or main point) in a eulogy is to **console** the audience, or to offer comfort in a time of grief. What you must remember (and many people often forget) is that a eulogy is not a speech for the person who has died; it is a speech for the people who are still living to try to help them deal with the loss. You will want to end your eulogy on a positive note. Offer some hope that someday, things will get better. If the deceased was a religious person, this is where you might want to incorporate elements of that belief system. Some examples would include ideas like:

“Jim has gone home to be with the Lord and is looking down on us fondly today.”

“We may miss Aunt Linda deeply, but our memories of her will live on forever, and her impact on this world will not soon be forgotten.”

Using the Praise-Lament-Console format for eulogies gives you a simple “plug-in” speech-writing system where all you need to do is fill in the sections with 1) why was the person good, 2) why you will miss him or her, and 3) how you and the audience will get through this loss. It sometimes also helps to think of the three points in terms of Past-Present-Future: you will praise the deceased for what he did when he was alive (the past), lament the loss you are feeling now (the present), and console your audience by letting them know that things will be all right (the future).

With regard to a eulogy you might give in class, you generally have two options for how to proceed: you can eulogize a real person who has passed away, or you can eulogize a fictional

character (an alarmingly high number of students tend to eulogize Santa Claus for some reason). If you give a eulogy in class on someone in your life who has actually passed away (a relative or close friend), be aware that it is very common for students to become emotional and have difficulty giving their speech. Even though you may have been fine practicing at home and feel good about giving it, the emotional impact of speaking about a deceased loved one in front of others can be surprisingly powerful.

Conversely, if you give a eulogy on a fictional character, and if your professor allows that, the one rule you must remember above everything else is that you must treat your eulogy as you would a real eulogy. You wouldn't make fun of or trivialize someone's life at an actual funeral, so don't do that in your eulogy for Cap'n Crunch either. Additionally, you would never describe how someone died at an actual funeral ("It was such a shame that Jim's car was hit by that truck, causing his head to go through the windshield and splatter onto the pavement.") Therefore, don't do that for your fictional eulogy either. Invariably, the eulogies about Santa Claus we mentioned early always end up involving St. Nick being eaten by his reindeer, which is neither appropriate nor very original at this point.

Speeches of Farewell

A **speech of farewell** allows someone to say good-bye to one part of his or her life as he or she is moving on to the next part of life. Maybe you've accepted a new job and are leaving your current job, or you're graduating from college and entering the work force. Whatever the case may be, periods of transition are often marked by speeches of farewell. When preparing a speech of farewell, the goal should be to thank the people in your current position and let them know how much you appreciate them as you make the move to your next position in life. Second, you want to express to your audience how much the experience has meant to you. A farewell speech is a time to commemorate and think about the good times you've had. As such, you should avoid negativity during this speech. Lastly, you want to make sure that you end on a high note.

Speeches of Apology

Speeches of apology have become more and more commonplace. Every time we turn around, a politician, professional athlete, musician, or actor/actress is doing something reprehensible and getting caught. In fact, the speech of apology has quickly become a fodder for humor as well. Let's take a look at a

Speech of farewell

a speech allowing someone to say good-bye to one part of his or her life as he or she is moving on to the next part of life

Speech of apology

a speech design to acknowledge wrongdoing, take responsibility, and offer restitution

real apology speech delivered by professional golfer Tiger Woods.

(<http://www.youtube.com/watch?v=Xs8nseNP4s0>).

When you need to make an apology speech, there are three elements that you need to include: be honest and take responsibility, say you're sorry, and offer restitution.

First, a speaker needs to be honest and admit to doing something wrong. The worst apology speeches are those in which the individual tries to sidestep the wrongdoing. Even if you didn't do anything wrong, it is often best to take responsibility from a public perception perspective. Second, say that you are sorry. People need to know that you are remorseful for what you've done. One of the problems many experts saw with Tiger Woods' speech is that he doesn't look remorseful at all. While the words coming out of his mouth are appropriate, he looks like a robot forced to read from a manuscript written by his press agent.

Lastly, you need to offer restitution. Restitution can come in the form of fixing something broken or a promise not to engage in such behavior in the future. Most people are very willing to forgive and forget when they are asked sincerely.

Speeches for Commencements

A **speech of commencement** (or, as it is more commonly known, a "commencement speech") is designed to recognize and celebrate the achievements of a graduating class or other group of people. The most typical form of commencement speech happens when someone graduates from school. Nearly all of us have sat through commencement speeches at some point in our

Motivational speech

A speech designed not only to make an audience experience emotional arousal (fear, sadness, joy, excitement) but also to motivate the audience to do something with that emotional arousal

Speech of commencement

a speech designed to recognize and celebrate the achievements of a graduating class or other group of people



lives. And if you're like us, you've heard good ones and bad ones. Numerous celebrities and politicians have been asked to deliver commencement speeches at colleges and universities. A famous and well-thought-out commencement speech was given by famed *Harry Potter* author J. K. Rowling at Harvard University in 2008 (found at <http://www.youtube.com/watch?v=nkREt4ZB-ck>). Rowling's speech has the perfect balance of humor and inspiration, which are two of the main ingredients of a great commencement speech.

If you're ever asked to deliver a commencement speech, there are some key points to think through when deciding on your speech's content.

- If there is a specific theme for the graduation, make sure that your commencement speech addresses that theme. If there is no specific theme, come up with one for your speech. Some common commencement speech themes are commitment, competitiveness, competence, confidence, decision making, discipline, ethics, failure (and overcoming failure), faith, generosity, integrity, involvement, leadership, learning, persistence, personal improvement, professionalism, reality, responsibility, and self-respect.
- Talk about your life and how graduates can learn from your experiences to avoid pitfalls or take advantages of life. How can your life inspire the graduates in their future endeavors?
- Make the speech humorous. Commencement speeches should be entertaining and make an audience laugh.
- Be brief! Nothing is more painful than a commencement speaker who drones on and on. Remember, the graduates are there to get their diplomas; their families are there to watch the graduates walk across the stage.
- Remember, while you may be the speaker, you've been asked to impart wisdom and advice for the people graduating and moving on with their lives, so keep it focused on *them*.
- Place the commencement speech into the broader context of the graduates' lives. Show the graduates how the advice and wisdom you are offering can be utilized to make their own lives better.

Overall, it's important to make sure that you have fun when delivering a commencement speech. Remember, it's a huge honor and responsibility to be asked to deliver a commencement

After-dinner speech

humorous speeches
that make a serious
point

speech, so take the time to really think through and prepare your speech.

After-Dinner Speeches

After-dinner speeches are humorous speeches that make a serious point. These speeches get their name from the fact that they historically follow a meal of some kind. After-dinner speakers are generally asked to speak (or hired to speak) because they have the ability both to speak effectively and to make people laugh. First and foremost, after-dinner speeches are speeches and not stand-up comedy routines. All the basic conventions of public speaking previously discussed in this text apply to after-dinner speeches, but the overarching goal of these speeches is to be entertaining and to create an atmosphere of amusement.

After-dinner speaking is an extremely difficult type of speaking to do well because it is an entertaining speech that depends on the successful delivery of humor. People train for years to develop comic timing, or the verbal and nonverbal delivery used to enhance the comedic value of a message. But after-dinner speaking is difficult, not impossible. What follows is the method we recommend for developing a successful after-dinner speech.

First, use all that you have learned about informative or persuasive speeches to prepare a real informative or persuasive speech roughly two-thirds the length of what the final speech will become. That is, if you're going to be giving a ten-minute speech, then your "real" informative or persuasive speech should be six or seven minutes in length. This is the "serious message" portion of the speech where you will try to make a point of educate your audience.

Next, go back through the speech and look for opportunities to insert humorous remarks. Once you've looked through your speech and examined places for verbal humor, think about any physical humor or props that would enhance your speech. Physical humor is great if you can pull it off without being self-conscious. One of the biggest mistakes any humorist makes is to become too aware of what his or her body is doing because it's then harder to be free and funny. As for props, after-dinner speakers have been known to use everything from oversized inflatable baseball bats to rubber clown noses. The goal for a funny prop is that it adds to the humor of the speech without distracting from its message.

Last, and probably most important, try the humor out on real, live people. This is important for three reasons. First, the



Image 15.1 – Broken Parking Lot Board

success of humor depends heavily on delivery, and especially timing in delivery. You will need practice to polish your delivery so that your humor comes across. If you can't make it through one of your jokes without cracking up, you will need to either incorporate the self-crackup into your delivery or forgo using that joke.

Second, just because you find something unbelievably funny in your head doesn't mean that it will make anyone else laugh. Often, humor that we have written down on paper just doesn't translate when orally presented. You may have a humorous story that you love reading on paper, but find that it just seems to drone on once you start telling it out loud. Furthermore, remember there is a difference between written and verbal language, and this also translates to how humor is interpreted. Third, you need to make sure the humor you choose will be appropriate for a specific audience. What one audience finds funny another may find offensive. Humor is the double-edged sword of public speaking. On one side, it is an amazing and powerful speaking tool, but on the other side, few things will alienate an audience more than offensive humor. If you're ever uncertain about whether a piece of humor will offend your audience, don't use it.

So you may now be asking, "What kind of topics are serious that I can joke about?" The answer to that, like the answer to

most everything else in the book, is dependent on your audience and the speaking situation, which is to say any topic will work, while at the same time you need to be very careful about how you choose your topic.

Take, for example, the experience one of your authors had while he was attending a large university. One of the major problems that any large university faces is parking: the ratio of parking spaces to students at some of these schools can be 1:7 (one parking space for every seven students). In addressing this topic at a banquet, a student gave an after-dinner speech that addressed the problem of the lack of student parking. To do so, he camouflaged his speech as a faux-eulogy (fake eulogy) for the yellow and black board on the parking lot gates (see Image 15.1) that was constantly and consistently driven through by students wanting to access restricted parking. The student personified the board by noting how well it had done its job and lamented that it would never get to see its little toothpick children grow up to guard the White House. But underneath the humor incorporated into the speech was a serious message: this wouldn't keep happening if there were adequate parking for students on campus.

Motivational Speeches

A **motivational speech** is designed not only to make an audience experience emotional arousal (fear, sadness, joy, excitement) but also to motivate the audience to do something with that emotional arousal. Whereas a traditional persuasive speech may want listeners to purchase product X or agree with ideology Y, a motivational speech helps to inspire people in a broader fashion, often without a clearly articulated end result in mind. As such, motivational speaking is a highly specialized form of persuasive speaking commonly delivered in schools, businesses, religious houses of worship, and club or group contexts. *The Toastmasters International Guide to Successful Speaking* (Slutsky & Aun, 1997) lists four types of motivational speeches: hero, survivor, religious, and success.

The **hero speech** is a motivational speech given by someone who is considered a hero in society (e.g., military speakers, political figures, and professional athletes). Just type “motivational speech” into YouTube and you'll find many motivational speeches given by individuals who can be considered heroes or role models. You might be familiar with examples from popular culture such as President Whitmore's speech to his pilots in the film *Independence Day* (1996) or any of Coach Taylor's locker room speeches from the television series *Friday Night Lights* (2006-2011).

Hero speech

a motivational speech given by someone who is considered a hero in society

Survivor speech

a speech given by someone who has survived a personal tragedy or who has faced and overcome serious adversity

The **survivor speech** is a speech given by someone who has survived a personal tragedy or who has faced and overcome serious adversity. In the following clip, cancer survivor Becky M. Olsen discusses being a cancer survivor (http://www.youtube.com/watch?v=zuo1u_C9_3g). Becky Olsen goes all over the country talking with and motivating cancer survivors to beat the odds.

The **religious speech** is fairly self-explanatory; it is designed to incorporate religious ideals into a motivational package to inspire an audience into thinking about or changing aspects of their religious lives. The final type of motivational speech is the **success speech**, which is given by someone who has succeeded in some aspect of life and is giving back by telling others how they too can be successful.

Summary

As stated at the beginning of this section, you will almost certainly be limited by your professor with regards to which of these types of speeches you can give for your special occasion speech in class, but it is not unrealistic to think that you will be called upon at various points in your life to give one or more of these speeches. Knowing the types and basic structures will help when those moments arise.

15.3 – Special Occasion Language

Although language is covered much more in depth in Chapter 10, special occasion speaking is so firmly rooted in the use of good language that it makes sense to spend a little time specifically taking some of the concepts from that chapter and applying them directly here. More than any other category of speech, the special occasion speech is arguably one where the majority of your preparation time will be specifically allocated towards the words you choose. This isn't to say you shouldn't have used good language in your informative and persuasive speeches, but that the emphasis shifts slightly in a special occasion speech.

For example, for your informative and persuasive speeches you were required to conduct research and cite your sources in a bibliography, which took you some amount of time to look up and format. In most cases, that probably won't happen in your special occasion speech. And to be honest, we're not sure what that would really sound like anyway. For example, you would probably have a tough time "researching" a eulogy on a loved one who has passed away ("According to Uncle Steve's Facebook post from

Religious speech

a speech designed to incorporate religious ideals into a motivational package to inspire an audience into thinking about or changing aspects of their religious lives

Success speech

a speech given by someone who has succeeded in some aspect of life and is giving back by telling others how they too can be successful

July 15, Grandpa was a funny guy who said some crazy things.”).

So for special occasion speeches, there is a trade-off. The time you *don't* spend doing research is now going to be reallocated towards crafting emotional and evocative phrases that convey the sentiment your speech is meant to impart.

The important thing to remember about using language effectively is that we are not talking about using big words just to sound smart. Do not touch a thesaurus! Good language isn't about trying to impress us with fancy words. It's about taking the words you are already comfortable and familiar with and putting them in the best possible order. Consider the following example from the then-president of the Ohio State University, Gordon Gee, giving a commencement address at Florida State University in 1997:

As you look back on your years at Florida State I hope you remember many good things that have happened. These experiences are, for the most part, events of the mind. The memories, ladies and gentlemen, however, are treasures of the heart.

Notice three things about his use of language: first, he doesn't try to use any fancy words, which he certainly could if he wanted to. Every word in this portion of his speech is one that all of us knew by the time we left elementary school, so again, don't mistake good language for big words. Using a five-syllable word when a two-syllable word will work just as well often means a speaker is trying too hard to sound smart. And given that the use of those big words often comes off sounding awkward or inappropriate, you're better off just sticking with what you know.

Second, notice how he uses those basic words to evoke emotion and wonderment. Putting the words you know into the best possible order, when done well, will make your speech sound extremely eloquent and emotional. Third, he uses parallelism in this brief snippet, one of the rhetorical techniques discussed in Chapter 10. The use of “events of the mind” and “treasures of the heart” to compare what is truly important about the college experience is more powerful because he mirrors the way he uses language. Indeed, Gee's commencement is full of various rhetorical devices, with the twelve-minute speech also containing alliteration, assonance, and antithesis.

15.4 – Special Occasion Delivery

Just as the language for special occasion speaking is slightly different, so too are the ways in which you will want to deliver your speech. First and foremost, since you will be spending so much time crafting the perfect language to use and putting your words in the right order, it is imperative that you say exactly what you have written; otherwise, what was the point? To that end, your delivery for a special occasion speech will skew slightly more in favor of manuscript speaking discussed in Chapter 11. While it is still vital to establish eye contact with your audience and to not sound like you are reading, it is also important to get the words exactly right.

As much as you may not want to hear it, what this means is that you will need to practice your special occasion speech even more now than you did for your informative or persuasive speeches. You need to know what you are going to say and feel comfortable knowing what is coming next. This is not to say you should have your speech memorized, but you need to be able to take your eyes off the page for little bits at a time in order to establish and maintain a rapport with your audience, a vital element in special occasion speaking because of the emotional component at the core of these speeches. Knowing your speech will also allow you to counteract the flow of adrenaline into your system, something particularly important given that special occasion speeches tend to be very emotional, not just for the audience, but for you as well.

Basically, knowing your speech well allows you to incorporate the emotion that a special occasion speech is meant to convey, something that is hard to do when you read the entirety of your speech. In this way your audience will sense the pride you feel for a graduating class during a commencement speech, the sorrow you feel for the deceased during a eulogy, or the gratitude you have when accepting an award.

Conclusion

Special occasion speaking is the most varied type of speaking to cover; however, there are some general rules to keep in mind regardless of what type you are engaged in. Remember that using good, evocative language is key, and that it is important that you deliver your speech in a way that both conveys the proper emotion for the occasion as well as allows you to give the speech exactly as you wrote it.

Sample Outline: Commemorative Speech on Edward Snowden

By Stacy Watts

Specific Purpose: To explain to my classmates why I admire Edward Snowden.

Introduction: I remember being a teenager and having parents who monitored what seemed like all of my actions. Could you imagine as an adult, having that same thing happen? Only this time it's not your parents, it's part of the government: the one thing that is supposed to stand for your freedoms and rights as an American. It's scary and enraging to think about, and yet that was happening to all of us. One man was so enraged by what was going on, he decided to act. That man is Edward Snowden and I admire him as a fellow American and upstanding human being.

Preview: I have great admiration for Edward Snowden for standing up for his beliefs, risking his life, and exhibiting bravery to face the media.

- I. Edward Snowden is a man who selflessly stands up for what he believes in.
 - A. He took documents from the National Security Agency (NSA).
 - B. Over time he would make copies of NSA documents.
 - C. After setting up his plan, he then took the documents to the press.
 - D. Through means of the press Snowden let the world know what the NSA was doing.
 1. He provided proof that citizens of the United States were having their basic right to privacy violated.
 2. In the documents, it was shown that text messages and phone calls were all being monitored by the NSA.

Transition: Like anyone who stands up for themselves or anyone else, Snowden risked it all.

- II. Edward Snowden knew and wasn't afraid that this meant putting his own life and well-being in danger.
 - A. After leaking the documents, Snowden was forced to give up many things.
 1. Working at the NSA meant a very comfortable salary for Snowden.
 2. In order to protect her, he had to leave behind his

girlfriend.

3. He now lives a life in exile.
- B. The government had brought him up on charges, two of which could lead to the death penalty because of the Espionage Act.
1. Unauthorized communication of national defense information.
 2. Willful communication of classified intelligence with an unauthorized person.

Transition: After risking his life, his fearless demeanor did not stop there.

- III. Snowden shows bravery when he is not afraid to face the media after everything was revealed.
- A. After he leaked the information and was charged by the government Snowden still does interviews with the media.
1. He did an interview with NBC this year.
 2. Also did an interview on *Last Week Tonight with John Oliver*.
- B. A documentary was released about everything, *Citizenfour*.
1. The film shows footage of his meetings with the journalist who helped leak the information.
 2. It shows that he is still in full support of his actions.

Conclusion: In conclusion, when looking at all Edward Snowden stood up for, I can only hope I could be that good of an American. Snowden saw the government invading the privacy of millions and believed it was wrong. He stood up for that belief, faced the risk of death and the loss of everything in America, and still had the courage to speak with the media. Knowing these things makes me want to have the courage to stand up for what I believe in.

Appendix A

Cultural Diversity in Public Speaking

Appendix A

Cultural Diversity in Public Speaking

It goes without saying that the United States is becoming more and more diverse. The millennial generation, those born between 1980 and 2000, are described the most diverse generation in American history. Forty-three percent are “non-white” due to increased immigration from Asia and Latin America in the recent past (Lilley, 2014). Even more, news stories and research indicate that the majority in the U.S. is not White, male, Protestant, and middle class, but multi-racial and ethnic, of different religions, 51% female, and of varying socio-economic groups. The population of Dalton State College is particularly affected by these long-term trends. Dalton’s Latino population is about 50% and the College’s Latino student enrollment is above 24% and rising.

Some issues related to the U.S.’s growing diversity were addressed in Chapter 2. In this appendix, we will look at how diversity can be a help and sometimes a challenge to a speaker.

Benefits and Challenges

The first way that diversity can be a help is if the speaker himself or herself has been exposed to diverse groups of people. Diversity should also be understood as not just ethnic or racial, although those tend to be in the forefront of many minds. Diversity of thought is often a more important type of diversity than what might appear on the surface. Your audience may “look” and “sound” like you, but have a completely different world view.

However, diversity can be a challenge because the more diverse an audience, the harder audience analysis and accommodating one’s speech to the audience become. Also, one must be sure that he or she truly understands the diversity of a group. For example, it is assumed that all Arabs are Muslims; persons of Lebanese and Palestinian background may be of a Christian faith. As mentioned in Chapter 2, “Latino” is a broad term that involves many distinct cultures that often observe or utilize very different customs, holidays, political views, foods, and practices. The historical experience of African-Americans is not that of Afro-Caribbeans. A white person from South Africa considers herself “African,” although we in the U.S. might scratch our heads at that because of how we traditionally think of “African.”

The more one can study cross-cultural communication issues, the more sensitive one can become. It is, of course, next to impossible to know every culture intimately; some of us are still working on learning our own! What one should recognize is the

basic ways that cultures are categorized or grouped, based on certain characteristics, while at the same time appreciating cultural uniqueness. Even more, appreciating cultural uniqueness leads one to see predominant communication styles.

One common method for categorizing or discussing cultures is by “collectivist” or “individualistic.” The United States, Germany, Israel, and a few other countries are highly individualistic, while Asian, some Latino, and some African cultures are highly collectivistic. While we in the U.S. value family, we generally are expected and encouraged to make our own life choices in career, education, marriage, and living arrangements. In more collectivist cultures, the family or larger community would primarily decide those life choices. In some cases, the individual makes decisions based on what is better for the community as a whole rather than what he or she would personally prefer.

Closely related to the distinction between collectivistic and individualistic cultures is the distinction between high-context and low-context. High-context cultures are so closely tied together that behavioral norms are implicit, or not talked about clearly; they are just understood and have been learned through close observation. For example, if you and your friends have a routine of watching football every Sunday, saying, “I’ll see you guys this weekend for the game” implies that the “when” and “where” of the game is so ingrained that it doesn’t even need to be explicitly stated. Variations from the norms are so rare that learning them is easy; there is no confusion.

Low-context cultures have to be more explicit because individual freedoms and wider diversity of behavioral norms make learning through observations more difficult. Continuing the example from above, in these cases you might be gathering with a new group of friends who need explicit, high-context communication to know what is going on: “We’ll meet at Jay’s house on Bleaker Street at 11:30 on Sunday morning.”

High-context cultures are described as more

. . . relational, collectivist, intuitive, and contemplative.

This means that people in these cultures emphasize interpersonal relationships. Developing trust is an important first step to any business transaction. . . .

These cultures are collectivist, preferring group harmony and consensus to individual achievement. And people in these cultures are less governed by reason than by intuition or feelings. (Wilson, n.d.)

Unfortunately, due to cultural biases, this description may make individuals from high-context cultures sound “less than” in some ways compared to Western cultures, which are low-context cultures. Low-context cultures are often described as more rational, action-oriented, practical, clear in their communication, efficient, precise, and factual. In contrast, high-context cultures spend more time on interpersonal trust, are less direct and straightforward, and may use more polite and flowery language. Let us be clear that these descriptions are about differences, but not about “better” or “worse.”

Another way to distinguish cultural groups is how decisions are made and the predominant communication modes. As mentioned in Chapters 1 and 3, public speaking—a logical, rational, straightforward, individualistic mode of communication, where traditionally one person attempts to exert power over others through verbal means—is at the core of Western communication history. Public speaking exists in the context of debate, two opposing views being presented either for one side to “win” or for the audience to choose a compromised, hybrid position. Other cultures have traditionally taken a more narrative communication mode, with storytelling being the way the important information is conveyed, more indirectly. Others value group discussion and keeping the harmony of the group, while others value almost exclusively the advice of elders in decision making. They believe the past and those who have experienced more of it have a wisdom all their own and are worthy of more respect.

In reference to cultural differences, we see the differences most obviously in nonverbal communication. While we Westerners may think of these nonverbal communication differences (such as the traditional Asian practice of greeting with a bow instead of shaking hands) as simply quaint or only superficial, they reveal deep difference in the world views of each culture. It would be worth your time to look into (easily done on the Internet) why Asians traditionally bow and Westerners shake hands. The practices say a lot about our shared histories and our views of the past, religion, and interpersonal trust. Likewise, it is not unusual for adult men friends of the same age to walk hand-in-hand in some Middle Eastern countries, but that is pretty uncommon in the United States and has a totally different interpretation. In the two places, the same practice means two entirely different things.

Nonverbal communication, which is what is most obvious and visible to us when we experience a new culture, is divided into types such as:

- Oculistics (eye behavior)
- Haptics (touch behavior)
- Proxemics (distance from others)
- Vocalics (voice characteristics)
- Chronemics (use of time in communication)
- Kinesics (use of the arms, legs, and posture)
- Olfactics (the meaning of smell in communication)
- Objectics (the use of objects to convey or interpret meaning)

Each of these has unique patterns in various cultures, and the differences in nonverbal communication behavior are often not understood to have deeper cultural meanings. Some cultures may avoid eye contact out of respect; their high-context nature means direct confrontation is discouraged. Westerners, however, tend to judge low eye contact rather harshly, as either dishonest, disinterest, or low self-esteem. Likewise, Westerners value punctuality sometimes over relationships, although the higher the status of the individual, the more tolerant we can be of tardiness. Other cultures simply do not understand the Western love affair with the hands on the clock. People from the United States are sometimes seen by other cultures as loud (vocalics), too direct and forward (oculistics), taking up too much space (kinesics and proxemics), and uncomfortable with touch or close spaces (haptics and proxemics).

Of course, most audiences of different cultural backgrounds may include those for whom English is a second (or third or fourth) language. Humor columnist Dave Barry ironically wrote, “Americans who travel abroad for the first time are often shocked to discover that, despite all the progress that has been made in the last 30 years, many foreign people still speak in foreign languages” (“Dave Barry Quotes,” 2013). Often second language speakers’ use of correct English is as good as or better than some Americans¹, but there will be some areas of concern here.

Watch out for metaphors, slang, and figurative language that simply have no meaning to non-native speakers of English. Many American expressions have to do with sports—everything from poker to football—and have no meaning to those who have not grown up around those sports.² Some of our expressions are

borderline racist without our knowing or recognizing it because we do not know the origin of the phrase. When we say “bury the hatchet,” “go on the warpath,” or “put you in the paddy wagon,” or “I was gipped,” we are inadvertently referring to stereotypes as well as using references those of non-U.S. cultures would not understand.

Implications

What does all this mean to you, a college student taking a public speaking class? Well, as emerging technology makes communicating with people around the world easier and more common, there is a good chance you might find yourself communicating or interacting with persons from other cultures in your future careers. The ten items that follow should help you successfully navigate any such situations more effectively.

- Dealing with persons of other cultures may mean that the straightforward, supposedly rational approach expected from traditional public speaking may be too forceful for other cultures. More descriptive, more narrative, and more relational forms of communication may be of service. As mentioned in chapter 1, stories may be your most powerful form of communication, especially with audiences of diverse cultures. At the same time, choose your stories carefully (see the next bullet point below).
- Primarily, recognize the underlying values of the culture. The value and place of family stands out here. You would want to be sure to show respect to parents and grandparents in everything you say; if you cannot do that, do not mention them at all. Other values may have to do with how genders are treated, modesty in clothing, or criticism of the government.
- Do not jump to judge speakers of other cultures by Western standards. Time limits are a good example. While this book stresses speaking within time limits, a speaker from a high context culture may not see strict time limits as a standard for speaking and may go overtime.
- Know your audience. Know what they appreciate (positive) and what would concern them (negative).
- Approach humor very carefully. Humor is highly contextual, personal, and cultural. Test your humor on a group representative before the presentation.
- Show knowledge of their culture. If speaking to an audience made up predominantly of persons who speak a certain

language, learning a greeting or phrase in that language is a way to gain rapport. You could also use appropriate holiday references. Two presidents known for their oratorical abilities used this technique. When John F. Kennedy spoke in Berlin in 1963, he famously said, “*Ich bin ein Berliner.*” (Although many have claimed he was actually saying the equivalent of “I am a Danish pastry” instead of “I am a person from Berlin,” that myth has been debunked.) Either way, it did not matter; the crowd appreciated it. Ronald Reagan did much the same at the beginning of his historic “Tear Down This Wall” speech at the Brandenburg Gate in 1986. His accent was not great, but his grammar and message were clear.

- If the group is diverse, don’t leave out or marginalize someone by assuming all share exactly the same values or practices.
- Never “tokenize” someone by drawing attention to his or her difference, at least not without asking permission.
- Use the term preferred by the group to refer to them. Not all persons of Latin American descent want to be called “Latino/a,” according to the Pew Research Center (Lopez, 2013). In fact, more prefer Hispanic, which is the term used by the U.S. Census Bureau since the 1970.
- Always seek for commonalities over differences.

Endnotes

1. Notice that I have not used the term “Americans” to refer to citizens of the United States. All persons living in this hemisphere are Americans. Unfortunately, we do not have a word like “Unitedstatesians” to clarify. Even “North Americans” is insufficient because that includes Canada and Mexico.
2. This is generally known as “sportspeak.” Telling someone your presentation in class was a “home run” is only effective if they are familiar with baseball and aware that you are using that term as a metaphor for “doing a good job.”

Appendix B
Succeeding as
College Student

Part 1:**How to Be a College Student 372****Part 2:****Learning to Learn 386****Part 3:****Reading Your Textbooks and Other Resources 400****Part 4:****Effective Memorization 404****Part 5:****Test Anxiety/Speech Anxiety 407****Part 6:****Test-Taking 409****Part 7:****Avoiding Plagiarism in Writing and Speaking 412****Thanks to Ms. Cathy Hunsicker for authoring****Parts 3, 4, 5, and 6.****Thanks to Ms. Amy Mendes for authoring Part 7.**

Part 1: How To Be a College Student

Many students who take a basic public speaking course are enrolled in their first semester or year of college. For that reason, in this second edition of *Exploring Public Speaking*, we have included helpful material on making the life transition to being a college student and thus a lifelong learner. Your instructor may or may not assign you to read these appendices, but we hope you will consider reading them even if not assigned.

The Journey

In some ways, going to college is like taking a journey. It will feel like a different culture with a different language, customs, expectations, and even values. Consider these appendices as a guidebook for the journey.

In choosing the metaphor of a journey for college, we are comparing them on several factors.

- (1) Like a journey, rather than a weekend trip, college is a long process. The journey takes time.
- (2) A journey goes through different terrain. Sometimes you will feel like it's more uphill than downhill.
- (3) A journey involves guides, people who have been there before and have wisdom about the way to get to the destination. These are your professors mostly, but also your academic advisors, peer mentors, administrators, older students, and staff in Enrollment Services and the Dean of Students' Office.
- (4) A journey requires a map. This is, for the most part, the college catalog that tells you what courses are required to fulfill your major. Your advisor can also probably provide you with a "course plan," which break down in order which classes you should try to take each semester.
- (5) A journey has a destination. Here is where you might find that your values are different from your professors or mentors.

Your destination for now is probably the career you see yourself working in five years or more from now. You probably chose a major or perhaps even the college based on that career destination. That is reasonable and you were probably encouraged by your high school teachers, counselors, spiritual advisors, and parents to do that.

Why College?

However . . . there are a few problems with approaching college with only a career destination focus.

First, you are likely to change your mind. Most college students do at some point. In fact, according to Gordon, Haubley, et al (2000), *50% – 70% of students change their majors at least once, and most will change majors at least 3 times before they graduate.*

Second, you may have to change your mind about your major. Some college majors are competitive, meaning a fraction of those who want to get into it are allowed in, based on grades and other factors.

Third, you might want to change majors as you are exposed to new ideas and career fields you didn't even know about.

Fourth, the career you end up in may not even have been invented yet. In 2007, when my son started college as a communication major, no one had heard of a social media director. That is what he does now. Conversely, some of the hottest jobs now might not be so hot in five years. Technology is changing, knowledge is expanding, politics alter realities, and the population is getting generally older. These trends will affect the kinds of jobs that are created.

Fifth, and more to my point, college is about becoming a better version of you, not just getting a job. If you see the main point of college as coming out with a career, you will miss some of the best parts of the journey. Or even worse, if you feel that every class is just an obstacle to that career rather than a stepping stone to being a more prepared individual for that career, you will miss the value of each class. And let's face it; you are going to take at least forty classes over the next four to six years. You want to enjoy them, not just see most of them as roadblocks to getting out.

Now, don't get me wrong. I am **not** saying to spend all this time, effort, and money to get a piece of paper that doesn't take you to a career path. But note, I say career path. It is highly unlikely you will not walk off the platform after graduation and into the perfect job you will stay in for decades. The reality of today's workplace is that you will have many positions and perhaps many careers over your forty or so years of work life, and college cannot prepare you specifically for all of them right now.

What college prepares you for is to be a lifelong learner who can adapt yourself and your skills to the new jobs the marketplace will create, the new jobs that will interest you in the

future, or the new skills you will be expected to have in your chosen career field. If you want to be a registered nurse and graduate with a bachelor of science in nursing, that will just be the beginning of your learning to be a good nurse.

You have probably heard it before, but the top skills employers want, inappropriately called “soft skills,” have more to do with personal qualities. Team work, critical thinking, work ethic, spoken and written communication, conflict resolution, and group facilitation are common skills seen on lists of what employers want in new hires. (Go ahead and do an Internet search for this subject, and you will see what I mean). The soft skills, which are really not soft but the basis of your success, are what you learn in college classes and college experiences outside of the classroom. (The term “soft” does not refer to them being squishy but fluid and transferable to different contexts.)

In other words, college is not a vocational program that trains you for a specific job. If that interests you, you should consider it, because the workplace desperately needs skilled workers such as electricians, plumbers, technicians, and the like. College is designed to help you attain (not give you) a wide set of skills and knowledge so you can adapt, grow, communicate, and learn no matter what field you pursue, as well as given you more specific skills for positions where you will need the “soft skills.”

Also, college will not be the end of your learning. You may want to attain another credential or degree after graduating from college. You will definitely be expected by your employers to be involved in for-credit and not-for-credit continuing education. This is just the beginning of the learning journey. Yes, you have been learning since birth and in school since you were four or five, but there is one difference now: you are learning because you want to. Learning is now your choice.

So, every part of the college experience, even the hard parts, should be seen as part of the journey. If you’re hiking in the mountains, the view from the top will be magnificent but you might sweat a lot, trip and get scrapes, or tramp through some thorny bushes before you reach the summit.

However, if you **prepare** for the journey and stay on the right path, many of the problems can be avoided. That is the purpose of these appendices.

Preparation

Of course, much of your preparation for college came in your K-12 years. You learned to read and write, solve equations,

perhaps speak the basics of a foreign language, and perform many other academic tasks. You also probably learned about working with others, solving problems, and taking responsibility through musical groups, sports teams, clubs, and other extracurricular activities. In some ways, college will be a continuation of those years, but many students find that high school did not prepare them for everything that college brings. There are many reasons for this lack of preparation. The question is, “If you find yourself unprepared, what can you do about it?” That is the subject of these appendices: Getting the big picture of what college is about; understanding your friend, the instructor; time management; appreciating how we learn and you learn individually; studying, reading, and test-taking; and avoiding the plagiarism trap. We will finish up with some resources on campus.

Part 1 of Appendix B will deal with the first two; the others will address the remaining five.

Getting the Big Picture of College

The institution of the university has actually been around longer than high schools or elementary schools. The first university was founded in Morocco in 859 C.E., the University of Karueein. (A college is traditionally considered a section of a university as well as an independent unit; today “universities” usually refer to institutions with graduate programs.) Oxford University in England came along in 1096. For that reason, centuries of tradition still cling to the culture of colleges and universities. Traditions change slowly, especially when they have been around over 1000 years! Part of being a college student is to learn the physical and cultural terrain of the college, much of which comes from traditions.

Dalton State is a unit of the University System of Georgia, which means a number of positive things for you. You have access to books in all the libraries in the University System, as well as other resources. Your credits can transfer easily to other institutions, although we hope you decide to stay here and not transfer! To a large extent, the curriculum (the nature and number of courses you take) is determined by the University System of Georgia.

A college degree is either a two-year (associate of arts or science) or four-year (bachelor of arts, science, fine arts, social work, business administration, etc.). Associate’s degrees are limited to 60 required hours (plus an hour for physical education credit). A bachelor’s degree is limited to 120 hours (plus the physical education credit). At Dalton State, there are 42 hours of

required “core” classes. Although you have some options to choose from here, you still have to take a certain set of classes. These 42 hours are divided into five areas called A-E:

A: Essential Areas (English 1101, 1102, and a math course)

B: Institutional Options (for Dalton State, you take COMM 1110 and a one-hour academic elective)

C: Literature and Fine Arts

D: Science and Math, including two lab sciences

E: Social Sciences (including required American Government and U.S. History)

Then there is Area F, 18 hours, which will be different depending on your major. In some majors you have choices in Area F; in some, for example, Education, everything is set by state or accreditation standards.

Many students feel that some of their freshman year classes are repeats of what they had in high school. Unless you took AP classes, your freshman year classes will be much more demanding than those high school classes, even if some of the material is review.

How will they be more demanding? First, you don’t get “do-overs” on tests. It is common for some high schools to let students take tests over until they are passed. A failure on a college exam is, well, a failure. You might be able to bring the grade up on the next tests, but you will rarely get a second try on that test. Second, you are expected to be self-regulating and self-directed as a learner (see Part 2 on “Learning to Learn.”). You are a legal adult, so you are supposed to take responsibility as an adult. Third, there will be much more material on any one test than you probably had in high school, which is one of the things new college students find daunting. Fourth, your instructor may primarily lecture instead of having the class do activities, projects, or field trips, and the class will probably be 75 minutes straight of instruction.

All that said, the curriculum of college is not something a bunch of people in a room thought up last week. It is the result of those hundreds of years of what has traditionally been considered important to a college education. History—how did we get to where we are? Social sciences—how do we relate to other people? Literature, language, and public speaking—what are the best ideas and how do we communicate them? Sciences—how does the physical world work? Math—what is the logic behind num-

bers? You can argue about the value of any one of them, but years of tradition have solidified that these are what an educated person needs to know about. The configurations of classes may differ from college to college, but the basic concepts are the same.

Advising and Your Classes

The subject of the curriculum brings us to another matter that students often do not understand about college. Each college or university system is “autonomous.” Each has its own curriculum and set of required classes for a particular major or degree. Each college has the right to accept or not accept courses for transfer from another institution. This may seem unfair, but that is part of the tradition of higher education and not likely to change anytime soon. If you transfer to another University System of Georgia institution and stay in the same major, all of your classes should transfer. But if you transfer to a private university, such as Emory, or to a college out of state, such as the University of Tennessee, some of your credits may not be accepted for transfer there.

Also, our academic advisors cannot advise you for another institution, only for this one. If you plan on transferring, you are responsible to talk to the other institution about requirements and what will transfer. Since you don’t want to take a class that will not count for your final degree and you don’t want to lose time, credits, and money, be in contact with the school you hope to attend later.

Speaking of advisors, they are your best resource for making educational choices. At the same time, they want you to develop the ability to make your own academic decisions, specifically by being able to read the catalog, the course plan, and Banner so you can see what classes you need each semester and design your schedule. They are willing to help you in the freshmen year or if you change your major, but after a while the advisor (who might be a faculty member) will want you to take ownership of this process, with their help and approval. Some things to keep in mind about advising:

- As a freshmen, almost all the courses you are required to take in Area A through E are offered frequently, usually every semester and with many sections, so you will not have trouble finding those courses when you need them.
- As you become a junior and senior, the courses may only be offered once a year, at a time that is not convenient, and/or even every two years. You will have to plan accordingly.

- Learn to use DegreeWorks; it is a great tool. If your advisor doesn't mention it, ask about it.

Another very important point about advising: **Financial aid questions** must be addressed to the financial aid office staff in Enrollment Services. The professional and faculty advisors really have no access to your financial aid information. Students often run into financial aid problems for a number of reasons: dropping too many courses, failing to pass enough courses, and taking courses that are not required in their program are three major ones. Not completing the FAFSA on time is also a huge obstacle to navigating the financial aid universe. The financial aid office staff are the experts and you need to check your email, Banner, and your postal mail for notices from them about deadlines and your awards from financial aid.

Additionally, the college expects payment before the semester begins. In fact, if you do not pay your bill or make sure your financial aid is in order a couple of weeks before the start of the semester, your registration will be purged—you will no longer have a class schedule, even if you had registered very early. Dates are advertised on the website and calendar, for example, [here](#). Obviously, you do not want this to happen, because you have to begin all over again trying to get into classes, and by then they might be closed to new registrations. This is why you should have a way or plan to take care of the fees and tuition as soon as you register.

So, to recap, college is a new terrain, and the college experience is a journey over that terrain. The terrain has a physical and cultural features. The physical one is the actual campus, which for [Dalton State](#) involves many buildings over more than 40 acres of land. The cultural one involves the rules and regulations, the language, the values, and the persons and personalities. In the next section we will talk about the people most affecting you—the faculty—but first I'd like to address the values of higher education.

Values

The first value is rigor. That means the learning tasks require effort from students. You could say it means the courses are hard, but there is more to it than that. It means the academic standards and expectations are high. At Dalton State, we have a tradition of being a rigorous college. Our students who transfer do very well historically at other colleges. Our health professions students do very well on certification exams. To be honest, we take pride in being rigorous and having high standards but also in

empowering the students to meet those standards through good teaching. Teaching is what our faculty do, and it is our priority.

The second is diversity and inclusion. College will allow you, and sometimes force you, to encounter people and ideas that you have not before. Your instructors may be from other countries or parts of the U.S., as might be your classmates. You will have classmates who are twenty years older than you—or younger. Your instructors may teach theories and concepts you personally disagree with. One thing that students often find in college is that the old cliques and “drama” that happened in high school simply doesn’t apply in college. It’s about the learning and the work, not social status or race or clique. Everyone belongs, no matter what they look like, as long as they do the work.

The third is civility, which can be thought of as “actively showing respect.” Not agreement, but respect for them as human beings and members of the community and as persons who have a right to express their opinions with civility as well.

The fourth value is equality and fairness. You might not always think it is true in your experience, but higher education values access (availability of learning to those willing to work hard), equality (not getting a grade for any reason other than performance, and not giving or asking for special treatment) and fairness (equal output for equal input). For that reason, if you ask a professor for special favors, you are asking him or her to be unfair to the rest of the class who did not get those favors.

Now, in case my emphasis on work is making you worry that there is nothing fun going on at Dalton State, let me stop here and say that Dalton State offers a wide variety of programs for social interaction, relaxation, fun, and developing relationships and leadership. [The Dean of Students’ Office](#), the [Health and Wellness programs](#), and the [Athletic Department](#) are two website you should check out right now just to convince you college is not all hard work and there is plenty of activities to get involved in here!

College Faculty

I have mentioned faculty several times in this section on values, and there is a reason for that. The persons you will have the most contact with on campus, other than students, are your faculty. You will spend several hours a week with them. It is best if you start to think of them in positive and constructive manners rather than as stern, rigid, distant authority figures who have no connection to your lives. The following is from a PowerPoint I

created for a first-year seminar course taught in 2016 I called “The Care and Feeding of College Faculty.”

- ◆ Forget all the things you have heard about college professors. You might have been taught that college faculty:
 - ⇒ Spend most of their times writing books
 - ⇒ Are introverted, weird, or eccentric (the absent-minded professor stereotype)
 - ⇒ Have inappropriate relationships with their students (while this has happened in some colleges, it usually ends badly, as in unemployment.)
 - ⇒ Don’t work very hard (We might only be on campus about 30 hours per week, but we work away from the office many more hours.)
 - ⇒ Are mean. Students have informed me that their high school teachers told them that college professors were uncaring. Perhaps they said that so that the students would not expect the professors to be easy; perhaps those high school teachers did have bad experiences. I can say this is not the case at Dalton State. You will find your instructors to be warm, polite, helpful, and friendly—but professional. Part of growing up is to learn to negotiate between those two.

These mistaken and questionable ideas often come from TV and movies are questionable. However, college faculty do have specific characteristics.

- They LOVE their discipline. They live their discipline. They went to school for years to understand their discipline. They think it’s the greatest thing ever. I teach communication and do not understand why the subject does not fascinate everyone. Consequently, don’t blow off their subject. Don’t say it’s worthless or boring or of no value. How would you feel if someone did that to you?
- They like to question, so they seem skeptical. We are taught to question ideas and assumptions. Sometimes we say things in class for you to think about, even if we don’t agree with it.
- We expect you to follow the syllabus and do the assignments. The syllabus in college means much more than the syllabus in high school; you should keep it in a prominent or accessible position in your notebook.
- They have different personalities. Some of us are extraverts and some are introverts. Some have quirky senses of humor and some have fairly quiet ones.

- They are in total charge of their classrooms. College instructors are not to be disturbed when teaching. Do not walk into a college instructor's class and interrupt in the middle of a session, unless the building is on fire.
- Higher education changes slowly, and so do faculty. Colleges were originally run entirely by the faculty; there was not really a separate administrative staff. Even today, many college academic policies cannot be changed without the approval of the faculty. For example, we cannot change financial aid policy, but we can change the curriculum in a major if we choose to do so.
- Professors at Dalton State are student-oriented. We chose to work here because it is a teaching institution, which means our main responsibility is to teach, advise, and serve students, as opposed to doing research. We do engage in research, but that is not our priority.
- They don't treat some students better because they like them.
- We have heavy workloads. We teach 3-5 classes per semester, with varying numbers of students—as few as ten, as many as 100 or more. We have to keep office hours, one or two a day, which does not include committee meetings (faculty participate in governance of the college, and that takes time), advising students, preparing classes, grading, assessments, and required continuing education.
- We have families and lives, too.
- College faculty do not deal with parents. It is against federal law for a college instructor to talk to your parents about your status (that means grades) in their class. That law is called the Buckley Amendment and often referred to as FERPA because of its origin in the Family Educational Rights and Privacy Act. If a parent calls and asks about a student--and it does happen occasionally--we just say we are not allowed to talk about a student's progress to parents or anyone else outside the College personnel. There is a way around this law; the student can sign a waiver of his or her privacy rights in Enrollment Services. But our first response will be to refer to FERPA.
- As adults, authority figures, and experts in their subject matters, faculty members expect respect. It is best to refer to him or her as "Professor" if you do not know if the instructor has earned a doctorate, and as "Dr." if you know they have (it will probably be on the syllabus). We work hard for the doctorate

and it is professional courtesy to use it. Some will say it is all right to call them by their first name (very rare) or “Mr.” or “Ms.” but unless they do, you should default to “Professor.” You should also learn your professor’s name and office location on Day One.

Keeping all these characteristics in mind, here is a list of Don’ts that will keep you in good shape with your professors. **Don’t...**

- Ever ask them if anything important happened in class on a day you were absent. This is literally the Kiss of Death and you may get a very harsh or sarcastic answer, such as “No, since you were not there, we put our heads down and thought about your absence.”
- Don’t email them like text speak. Emails should start professionally, “Dear Professor,” identify who you are and your class (the email address may not do that), and clearly give your question or concern. You should have a closing as well. Your relationship with your faculty member is a professional one and this is a good time to learn professional communication. Many professors simply will not answer an email like this:

hey I missed class today can I get the notes from you or the power point?

Bill

Yes, I have gotten emails like this from students.

- Expect special treatment. Fairness to students is extremely important to us.
- Play with your electronic devices in class. I cannot stress this one enough. Each faculty member will have a policy on phones and laptops, and you must abide by it. Remember, we are in control of our classrooms. Faculty are also allowed to call public safety and have students escorted out of class if they are really disruptive.
- Think attendance doesn’t matter. This is one of the biggest lies that is propagated about college life. Attendance in class does matter, very, very much. No, we won’t call the country truant officer. However, many faculty take daily roll, and we have to keep some record for financial aid purposes. So, we are aware of your attendance, but more important, you will not do well by missing many classes, even in a class that is purely lecture and test-taking. Lots of research shows this.

- Be afraid to go to their offices and ask for help. It's one of the best things you can do if you are having academic concerns. If you do go to their office, however, don't overlook the office hours sign on the door (also on the syllabus). If the professor has informed the students that she is in from 1:00-3:00 on Thursday afternoon, don't expect her to be there at 4:30.
- Think your instructors are psychic. If you never ask questions in class, even if you have them, we are not mind readers. Please ask.

At the end of the semester you will be asked to evaluate your instructors online. First, please comply. The data is important to the college's operations. Second, answer thoughtfully. Third, don't blindsides the instructor. If you say "He never explained X clearly," did you ask about X? Fourth, don't get ugly and personal; swearing on the evaluations isn't helping anyone. State your case about the instructor's behavior, not that you didn't like her shoes. The evaluations are about the learning experience in the class, not whether you think the class should be in the curriculum.

Parting thoughts

While there are a lot more things I could say about the journey of being a college student, some things you just have to experience. Not everything will make sense at first. Remember, it's a long journey.

Expect your college life to have a [cyclical](#) nature. The first few weeks will be exciting and daunting; you may feel like your head will explode with all the newness. A few weeks in you might feel a little down. The newness has worn off and man, oh, man, the work is piling up. By the eighth week, it will feel like everything came at once, but you do get a short break about then. The stress and activity builds and builds until finals and whew, it's time to sleep and binge watch shows on Netflix. You say, "I got to get a better start next time" before it starts again in January.

I'm telling you this now because the key word I want to leave you with is PROACTIVITY. Your college journey will be enjoyable and successful to the extent that you are **proactive**. I gleaned from the best book on time management, *The Seven Habits of Highly Successful People* by Stephen A. Covey. In a sense it means "planning" but more than that. Because we cannot plan for everything, we plan margin for what we know we cannot plan for. I cannot plan when I will have a flat tire; I can plan to have the resources to fix it in my car when it happens. I cannot

plan the traffic between my home and the campus, but I can plan to leave 10 minutes early every day to get a parking space and miss the worst of the traffic turning into the entrance.

Proactivity is about having a future-orientation that is executed in the present. Paper planners, or electronic ones, can help. But you can write down or type into your phone all the plans you want if you don't choose to execute the plans. After a while, proactivity can become a habit and you cease to even recognize it as such. For example, years ago I learned to put my clothes out the night before a workday. My husband sets the coffee pot up before going to bed. These are small things but they save loads of time and more importantly, stress. Much of the stress we feel is self-inflicted from poor planning.

It is common for textbooks for transition for first-year students in college to contain a chapter on time management. In place of a separate chapter or appendix, we will include some online resources. Inventories, filling out sample weekly calendar/schedules, and tips on time management are very helpful, but they start with this attitude of proactivity and some of the mental processes discussed in the Part 2, specifically self-efficacy and locus of control. Now is the time in your life to realize that there are urgent things and important things in your life, and those will change as you go through various seasons.

Urgent means that for whatever reason the task must be done very, very soon. Important means that it is central to your values and to your reaching your goals. Urgent means the task or activity demands your attention now; important tends to mean it will demand your attention long-term. Some things are simple urgent, but not important; some are important but not urgent; some are neither, and some are both. The diagram on the next page is often used to show that comparison.

Many of you have family and work responsibilities. Being a student is one of your many roles. This means balancing priorities; you have more things in your life that are both urgent and important. For that reason, using tools such as planners are a must for you. As a friend of mine says, "Everything takes longer than it takes," so be realistic about trying to pack too many activities into your day. For your health and good relationships, you need to plan "margin" in your life, time in the day that is not packed to the full. That time will probably be taken up by the urgent and semi-urgent things that come up.

Here are some resources that can help you with time management:

	Urgent	Non-Urgent
Important	<ul style="list-style-type: none"> • A crisis or pressing problem (flooding toilet, burning food on the stove) • Impending Deadline (test/paper due tomorrow) 	<ul style="list-style-type: none"> • Planning & Preparation (researching for a project that is due in several weeks) • Relaxing or Working Out
Unimportant	<ul style="list-style-type: none"> • Most Interruptions (phone calls, someone shows up in your dorm room) • Several popular activities (responding to text messages, checking email) 	<ul style="list-style-type: none"> • Reading junk mail or magazines for leisure • Time Fillers (watching TV & checking FaceBook)

http://lgdata.s3-website-us-east-1.amazonaws.com/docs/1396/492636/Time_Management_Activities_Self_Quiz.pdf

https://www.mindtools.com/pages/main/newMN_HTE.htm

<http://www.rasmussen.edu/student-life/blogs/college-life/time-management-tips-college/>

<https://www.usnews.com/education/blogs/professors-guide/2009/10/14/top-12-time-management-tips>

<https://www.projectsmart.co.uk/smart-goals.php>

In conclusion, time management is more about self-management than the clock. You can't really manage time—it keeps going forward, no matter what we do. You can only manage your own goals and behaviors, and college life will bring the importance of that home to you.

Part 2: Learning to Learn

“Remember, in business and in life – success is earned from learning how to do things that you don’t like doing.” (Glenn Llopis, *7 Reasons Networking Can Be a Professional Development Boot Camp*, May 29, 2012, Forbes.com)

One of the most important things that you will learn in college is how to learn. Why does that matter? Because learning will be one of our jobs in the future. No matter what profession you eventually enter after your formal education—social work, nursing, accounting, social media director, elementary school teacher, business manager, respiratory therapist, banker, or one of many others—you will continue learning new procedures, new policies, new techniques, new ways of thinking. Your employers will expect you to attend training. You may decide to change careers completely or slightly and have to learn new skills. Software and technology change constantly. Many of you will eventually want to earn a graduate degree.

Psychologist Herbert Gerjuoy said many years ago, **“Tomorrow’s illiterate will not be the man who can’t read; he will be the man who has not learned how to learn.”** This quotation has often been attributed to the futurist Alvin Toffler, who used it in his book *Future Shock* from the 1970s. These men’s words were prophetic, although they could not have foreseen all of today’s technology.

Of course, not every learning task will be the same as the type you do in college. However, the truth remains that you are only beginning to learn as an adult, and this is the time in our life where you can focus on learning, on understanding the process, on how you best learn, and how you can expand your repertoire to learn better.

There are many theories about how we learn. While in some cases they contradict, for the most part they complement and supplement each other because they concern themselves with different aspects of the learning process, either the physiological effects of learning on the brain and body, the social aspects, or the personal and psychological effects.

Thanks to magnetic resonance imaging (MRIs), other medical science, and the growing field of neuroscience, we know much more about how we learn. We know that learning creates a

physical change in the brain as synapses grow. We know that this happens not by passive reception or exposure to information but by our effort. We know that memories are formed by passing from a short-term category to long-term through rehearsal, usage, and other efforts.

We understand how attention works and that distractions inhibit learning rather than helping it. While you think listening to music may help you study, it probably is not, and your [open laptop in class is distracting the students behind you](#). In fact, the idea of multitasking is a myth. You may think you can do several things at a time, but you are actually cutting the efficiency and quality of the work you are doing. In other words, you might get some things done when you multitask, [but you won't do them as quickly or as completely](#).

We understand now that intelligence is malleable (changeable, flexible) and that a person with a fixed mindset about learning (those who say they are just born to be good at a skill like math, music, or writing) will face frustrations and obstacles in comparison with those who have a growth mindset. A growth mindset sees one's failures in a learning task as ways to find new methods for learning, not as a stopping off point in learning. Also, to the advantage of all college students who sometimes feel like their heads are going to explode, we know that learning is not a zero sum game. Learning one thing does not mean it has to displace something else. Your brain is an organ that is developing new and more intricate connections; it is not a box that will only hold so much. We also know there are different kinds of knowledge and different kinds of intelligence, and we know there is a distinct difference in learning and processing between novices and experts.

We also know that some of the common ideas about learning do not have much evidence. One of them is learning styles. You have probably taken a test that classified you as a visual, auditory, or kinesthetic learner. While there is nothing wrong with being classified in such a way, there is no evidence from scientific studies that you will learn better if your instructor teaches to your learning style. Unfortunately, I have heard many students over the years attribute their failure in a class to the professor who didn't teach to their learning style. What the students did not understand is that we learn through all styles (visual, print, hearing, and activity) depending on the demands of the learning tasks.

You did not learn to drive a car simply by reading about it or looking at videos (print, visual). You had to drive around in a

car and listen to the instructor (kinesthetic and auditory learning). Think about learning how to ride a bicycle—same scenario. On the other hand, learning to speak a foreign language requires auditory and visual input, not just one, and is enhanced by movement. It would be better for you to use all four modalities than to pigeonhole yourself and limit your learning to a certain modality. As Steiner and Foote (2017) stated,

Like other labels, learning style labels may contain a grain of truth. A student who prefers to learn auditorily may find studying more productive when her notes are spoken aloud into a recording device and revisited later. But she may also find that when studying for a geometry test, drawing diagrams (visual) and physically manipulating shapes on paper (kinesthetic) work best for her.

In fact, it's just as important what you do with the information after it is accessed (enters your mind) than how it gets in there! As a college student and developing adult learner, you will want to be aware of what learning tasks require, especially what they require of you in terms of effort, attention, and time. You will want to notice what you are doing when you learn *and even when you do not learn as you hoped to*. You will want to think about and talk about (because using language is part of the effort behind creating those synaptic connections) how you learn best. These behaviors are called metacognition, or “thinking about thinking.”

This need for metacognition is why your professors will often ask you to turn to your partner and discuss some of the lecture material, such as what was unclear-- “the muddiest point”—or to compare notes you have taken. It is why your instructor might have you look at the questions you got wrong on that midterm exam and figure out why you got them wrong—what processes did you go through to get that answer, and where, perhaps, did you get off track. It is why your professor might give you a pre-test at the beginning of the course to see what your pre-conceptions about the material are, as well as how much learning was “added” during the course.

Of course, learning is not just about adding knowledge but also reshaping your understanding and approaches. For an example, I'll use public speaking. Students come into the class with ideas about public speaking that they have to “unlearn.” One is

that they cannot do it, because of bad past experiences or fear. Another is that all they have to do to be a good speaker is be funny, even silly. Another might be that public speaking is not an important skill, or that public speaking is just reading to an audience. As another example science instructors often see that their beginning students have faulty ideas about science as a field of knowledge as well as about specific scientific facts. Their goal is not just to fill the students' minds with scientific facts but to think like scientists—to move from a novice to an expert.

All this is to say that one of the things you will hear over and over again, and one of the things that is a major difference between high school and college, is “time on task.” College learning, because it is “higher” in terms of the thought processes your professors want you to engage in, takes time. You cannot jot off a ten-page paper in a couple of hours. You cannot study for a midterm for an hour the night before. Well, you can try, but how successful you will be, in terms of really learning and earning good grades, is up for grabs.

Six theories of learning I would like to present here that will be of value to you as a student are Bloom's/Krathwohl's/Anderson's taxonomy, Albert Bandura's self-efficacy, self-directed and self-regulated learning, the usefulness of mindset, Vygotsky's zone of proximal development, and Kolb's experiential learning cycle. What matters with each is that learning is effort. While learning can be enjoyable, the old “learning is fun” adage gives the idea that it is easy and that it shouldn't require much effort; if it does, then something is wrong. On the contrary, **learning is hard work.**

Recently I signed up for an online course with an organization that credentials online courses. The organization's purpose is to help instructors create excellent courses and to train college personnel in applying excellent standards to the course. I have taught online for almost twenty years but wanted to learn this organization's system. It proved to be more challenging than I planned.

Because I had many years of experience in teaching online and reading about how to do it and design classes, I found I had to put aside some of my attitudes and ideas because of the philosophy and approach of this organization's system. I had to “unlearn” some of my former ways of thinking about online teaching and course design. To “unlearn” doesn't mean to forget, since memory is not something we can just erase like deleting a file from a computer. Due to my willingness to do that, I walked

away with a deeper understanding of good online course design. I was also able (and this is another aspect of college learning) to transfer or apply that knowledge to my traditional classroom teaching.

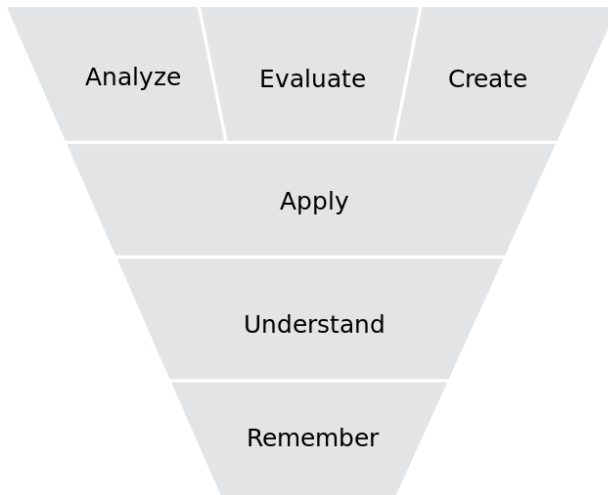
What is one of the things I “unlearned?” I like to put lots of extra resources in my online class, as in “when you get a chance, this is something interesting to read.” I unlearned that that was a good idea. It just confuses the students, and unless it directly meets a learning objective or outcome, it does not belong with all the other materials. What I might do in a regular classroom doesn’t translate to online, not in all cases. That was a hard lesson for me because of my personality—I like to give people lots of choices! But it was a good one to learn.

In that personal learning situation I see each one of the six theories mentioned above. I see that I had to go up the taxonomy, and I had to be stretched into a new zone. I had to believe that my failure on the first assignments (yes, I failed them!) was not because I couldn’t learn but that I had to—and could—find new strategies. I also had to regulate my time and work on the class when I was mentally prepared, and I had to reflect on my experience to learn. Let’s talk about each one in more detail.

Bloom’s taxonomy was created in the 1960s to help teachers recognize that all learning was not the same and happened in an upward movement. This is a typical reproduction (source: [Wikimedia.com](https://commons.wikimedia.org/wiki/File:Bloom's_taxonomy_of_education.png)) of the original “taxonomy,” which means “a scheme of classifications.” In this case, it is classifying learning tasks.



Later, in 2001, the model was updated to use verbs rather than nouns and emphasize the activity of learning. (Also from Wikimedia.commons) This configuration turns the triangle (or rhombus) upside down but other versions keep it like the one above.



The important thing for you to get from this is that your instructors will have some learning tasks at the bottom—remembering facts or concepts, such as being able to recreate lists of information on a test, and understanding, such as being able to define in your own words the concepts. However, in higher education we move higher up the taxonomy. You will be asked to apply the learning, and then do new things with it. You will also be asked to learn a greater volume of information for tests, in most cases, than what you have been used to in high school.

So in a history class, obviously you will have to remember dates. Then you will have to be able to explain or define an historical concept such as Manifest Destiny. Then you will be asked to apply, such as “Did the concept of Manifest Destiny influence a president’s behavior?” In this case the instructor may have never addressed that question specifically in class; you are supposed to take the concept and compare it to what the president did and said. Those are the lower levels, and it is possible that those will be your major learning tasks in your first year or so of classes, although not entirely.

However, as you progress, you will be asked to:

- Analyze (taking apart, contrasting and comparing parts): “What are the beliefs behind Manifest Destiny and where did they come from?”
- Evaluate: Assess how a concept or practice stands up to criteria: “Does Manifest Destiny violate the U.S. Constitution in spirit or in letter?”
- Create: Develop a new thesis from the materials you have learned.

This is not to say you will be asked to do all six levels of the taxonomy in anyone class; in fact, that is unlikely. But I introduce this for you to understand what your instructors are trying to do. If you come into class with the pre-conception that you will be learning lots of facts and taking tests on them, that is only partly true. You will be expected to operate more at the applying, analyzing, and evaluating levels.

The second theory we will examine is that of **Mindset**. This theory is based on the work of Carol Dweck, a psychologist from Stanford University in California, and it has encouraged a great deal of research on learning. It is simple, “elegant” as some say, but also has a number of parts and offshoots.

Learning is work, sometimes hard work. You do not learn a task primarily because you are inherently good at that task; you learn it because you work hard in the right way. Learning researcher Angela Duckworth shows that experts—the really skilled—spend an average of 10,000 hours becoming that skilled person. For example, concert musicians and professional athletes do not approach their tasks as “I am just talented at this” and let it slide. They constantly practice and keep working on skills.

A person with a fixed mindset does not realize this and thinks that ability in a skill and the ability to learn that skill are inborn; you either have it or you don’t. They take failure badly and take success almost as badly. “I succeeded because I am just talented” and “I failed because I’ll never be any good at this.” They might not try new things but prefer to stay safe at the things they are “good at.” They may get too much self-worth from what they think is inborn ability or from other people’s comments about “how intelligent Dylan is” or “how gifted Jamie is.”

A person with a growth mindset sees learning as possible and due to hard work. He or she will try new methods to learn because they don’t see having the skill as either “born with it or

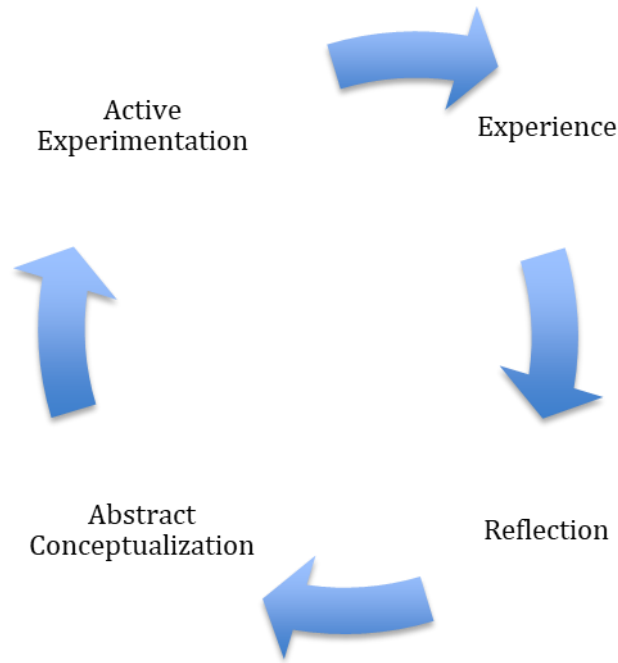
not.” Also, a person can change his or her mindset; it would be against the theory to say someone could not change! Thankfully those who are trained to recognize how their fixed mindsets are affecting them can change to a growth mindset. Finally, children (and adults) should probably not be praised for being “smart” or “gifted” but instead for “working hard,” “finding new ways to do things,” and having perseverance or endurance. (From <https://mindsetonline.com/whatisit/about/>)

Closely tied to the idea of mindset is self-efficacy, which is “one’s belief in one’s ability to succeed in specific situations or accomplish a task” (Bandura, 1977). Self-efficacy is not just self-confidence, but is related to beliefs regarding specific tasks. Self-efficacy is tied to success in many endeavors, and to resilience and locus of control, which are also a large part of mindset. A person who believes that ability and talent are just natural and all that matters in success—absent from hard work and using the right techniques, practice, etc.—lacks self-efficacy. The mindset approach can help college students because they will be faced with daily events that can attack their self-worth and lead to dropping out, when what they often need is to find other ways to approach learning.

For example, let’s say that on your first Biology 1107 test you earn a 56. You say, “This is not me! I don’t 56s on exams! What is going on?” You now have a choice. You can study exactly the same way for the next exam, maybe just using more of it or spending longer hours at it. That might work, and it might not. You can blame the instructor’s teaching methods. That is not going to help, because then your only option is to drop the class, **something you do not want to do** because it will become a pattern. You can say, “I told you so; I stink at science, so I need to drop the class.” Again, not a pattern you want to establish. You can do nothing and hope for the best (not a good option either).

Or you can:

1. Examine your behavior in the class up to now. This is called reflection. Have you attended all your classes (that old myth that you don’t need to go to class in college rears its head again!) Have you read the material in the textbook outside of class? Did you come to class alert, having slept and eaten well? Did you look at your notes after class, or just wait until the night before the exam? All of these are standard things that college students are told to do, and it’s not because college professors want to control your life. **THEY WORK.**
2. Go talk to the professor during posted office hours (and don’t



expect him or her to be there at other times) to ask for help and some ideas for succeeding in the class.

3. Attend the tutoring services offered by the Dean of Students' Office.
4. If your instructor offers outside of class session, take advantage of them.

So, you start by reflecting on what led up to the experience,

	Question 1	Question2	Question 3
What	What is being said (and not?) (understanding)	What does it mean? (interpretation)	What can I do with this information or insight? (application)
Why	Why is this important? (value)	Why should I accept his position? (logic of his arguments)	Why would I be biased against this position? (questioning my assumptions)
How	How did the speaker get to this position/idea/view? (is he/she honest about it?)	Could the speaker be leaving out something? (his/her biases)	How does the speaker support his/her ideas? (persuade us?)

as well as how you felt about the low grade and even the experience of taking the exam. What was on the test that you didn't expect? Did you study word-for-word definitions but the test asked you for applications? Did you memorize lists but it asked you to put concept in your own words? Was there a whole section of the textbook that you just skipped?

After reflecting, you have to make a plan for the next time and take action. It may be that your problem was not the amount of time you spent, but when you spent it and what you did during the time. For the purpose of learning and memory formation, repetition (going over the accumulated class notes every day or several days a week) would be better than what we call "cramming." Spending ten minutes a day for 21 days (three and half hours) will be more useful than cramming for five hours the night before, which is time you might not have that night anyway. You do have ten minutes every day.

You make a plan, you commit to it, you act upon it, and then you experience it again. Is there a difference? More than likely, yes. You might not get a 98 on the exam, but you should be able to approach the exam in a more organized and in control fashion. And you will have a clearer idea of how you can learn.

I have just described another theory of learning, one that I particularly like, Kolb's experiential learning cycle. The key part is the reflection. Many people like to say "we learn by experience" but we don't necessarily. We learn by reflecting on experience and doing something with it. Kolb's learning cycle is pictured on the next page. (In the model, don't let the word "Abstract Conceptualization" confuse you. It means, in this case, making a plan for what will work next time.)

Reflection is something we all approach differently. Some of us talk to reflect (even to ourselves out loud), some write (I am a writer, but I reflect a lot when I walk my dog every evening), and some just mull it over in our minds when nothing else is holding our attention. There is no right way to do it, but there are some questions you should ask yourself, or some territory you should cover in reflection. In order for reflection to be useful, you should focus on **what** really happened in the experience as well as **how you felt** about it. You should turn the experience around and see it from **other points of view**. You should ask, "Is the way I feel about it, am evaluating it, **valid**, or am I just seeing one side of it?" You can question, **why** and **how** did it happen? These are only a few questions that you can use in reflecting. Here is a diagram of questions you can ask about a lecture, film, or speaker.

What I mean for you to take from this is that reflection is useful for you as a self-regulated and self-directed learner (discussed below).

Now, a few words here. First, notice I didn't say "get a study buddy." Study buddies or study groups are great . . . IF. What are the ifs?

- You know that the person is a good student. While you might think that student in your history class is cute and you want to get to know him or her, don't hide asking the other student out on a date behind studying. He or she may have gotten a 48 on the exam! By a good student I don't just mean someone with a high grade, however. This person needs to have good learning habits, take good notes, be willing to engage in asking questions, and generally be cooperative.
- If you don't commit to serious study and to trying new approaches, such as the ones listed above. Research shows mixed results on study groups because students use it without changing other behaviors, that is, they still don't read the textbook for go over accumulated notes every day.
- You have to realize this is a study session, not a tutoring session. You have to bring an equal part to the session. If it's just "I want to look at your notes because I take bad ones," or "I want you to explain this to me," you are just using the other person and not helping them.
- You need to study in a good setting, for example, one that is free of distractions, and come prepared (laptop, textbook, paper, etc.)
- You need a **plan**. It can't just be, "Well, here we are. What now?" You can first be sure all your sets of notes are complete, and then you can quiz each other, or think up possible questions that will be on the test. Plan to take breaks—we really don't study well in two-hour sessions. The breaks should just be for bathroom and a drink of water and stretching legs, not as long as the session itself!

A second note. Up to this point I have not used the two most important words about learning in college. Those words are "self-directed" and "self-regulated." *Self-directed learning* is learning you choose to do, that you are invested in and that you direct. The fact that you are in college should say that you are self-directed, because college is not legally required—we choose

to go. Now, I realize that some people go to college for reasons other than choice (that is, someone told them they had to in order to get some kind of reward or avoid some sort of punishment), and those people usually are unsuccessful. I have taught in higher education for almost forty years and have heard of students who enrolled in college because their parents said, “You either go to work at manual labor, go in the military, or go to college,” and college sounded like the best of the three. That type of student is rarely self-directed.

Self-directed also means that you choose the method of learning and you decide when you have learned it. In this case, college cannot be totally self-directed because, unfortunately, the college expects you to learn a certain amount and show that you have learned in order to get a degree. You have to get certain grades and take certain courses to even stay in school. However, you can still be self-directed by choosing the hours that you take the classes, the professors, the number of hours of classes you take each semester, and the subject matter of the courses.

The point is that your instructors expect a large amount of self-direction from you, because you are an adult now and not required by law to be in their classes. Granted, you may only be in that biology class because two lab science classes are required for your major, but in general you have chosen to be there.

I make this point because it relates to an aspect of self-efficacy called “locus of control.” We do better at tasks, generally, when we have an internal locus of control rather than an external one. In other words, if I am the one making the choices in my life and I recognize that, my viewpoint on learning and success will be quite different than if I think I am just being bossed around by external forces, and therefore a victim. Locus of control means I take responsibility for my life rather than blaming others. If I get a ticket for going 15 miles per hour too fast in a 35 mph zone, I can blame the fact that the police officer was “out for me.” That’s external. If I own up to the fact it was my foot was the gas and I was going 50, that’s internal.

On the other hand, *self-regulated learning* is more about the actual behaviors you engage in as a learner. The concept of metacognition that we mentioned earlier is key here. A self-regulated learner reflects and recognizes what he or she is doing as a learner and seeks to find approaches that will make him or her more successful (and that includes more economical in use of time and resources). A self-regulated learner is like an athlete who pays attention to her body and outcomes and what they are telling her about her athletic performance.

With all this talk of self-efficacy, self-regulation, and self-direction, it may sound like I am saying that learning is a very individualistic, “lone wolf” kind of phenomenon. That is not what I want to communicate, only that ultimately it does boil down, especially in college, to your own choices and work. However, one of the best parts of college (and one of the downsides of online classes) is that learning is social. Although Bandura originated the self-efficacy concept, it is rooted in his social learning theory, which states that an individual’s actions and reactions, influenced by the actions that individual has observed in others. So, if we have self-efficacy (also called personal efficacy) it’s not because it just sprang from nowhere or we figured it out on our own somehow magically. It came largely as a result of accumulated social interactions and observations over the lifespan.

The good news is, though, that even reading this textbook is a social situation for learning, as are the classes you are enrolled in this semester—especially the public speaking class! College allows you to learn in the best of situations—you can learn from others, directed and regulated by yourself.

Of course, one of those people in the situation is the class instructor, and this brings us to the last of the theories. Go back to the beginning of this appendix and read the quotation that starts it, from *Forbes Magazine* online. (*Forbes* is a leading business magazine.) Mr. Llopis has put in his own words the essence of Vygotsky’s theory called “Zone of Proximal Development,” which sounds like something from science fiction but is really quite simple and useful.

Vygotsky claimed that we learn only when we are given new tasks that are just outside our ability to do them. If we are given tasks to do that are within our ability, what’s there to learn? Only when we have to stretch outside the “zone” do we learn. Just like an athlete who will try to beat his last time or distance, we have to be asked to do something we cannot do right now in order in order to learn it. The qualifier is that it cannot be too far outside of the “zone of proximal development,” because the learner will fail and not really be able to figure out why. Ideally, learning tasks must be staged as a series of challenges just outside what you can currently do.

Public speaking instructors do this by making your series of speech assignments longer and more complicated. Your first speech will be short and probably personal; your last speech will be much longer (in my class, four times as long) and involve high-

er order thinking such as found on the Bloom's taxonomy. Your history instructor in HIST 2111 will not assign you to write a twenty-page paper. If you are a history major and take the seminar course before you graduate, you will by that time have the skills to write a forty-page in-depth paper with scholarly sources.

It is your instructors' and professors' jobs to structure the classes this way. It may feel like the challenge is too far outside your "zone." Sometimes, it is; that doesn't mean you are incapable of the challenge, only that there are some steps in between you need to do first. In that case, you might need to visit the tutoring center on campus and meet with the professor for extra help.

In my many years of teaching, I have found that sometimes a short conversation with the faculty member clears up a lot of matters. A student might just misunderstand what is being asked of him or her and consequently construed it into a much more difficult task than it is. At other times a tutor or tutorial videos can fill in the gaps. This is often true with math or science concepts that are not that difficult but were missed in your high school education for some reason. The key is not to give up when the task seems right outside your reach. Your "arm" is longer than you think. Although we really can't make our arm longer, we can build synapses in our minds that connect neurons and lead to learning.

This part of the appendix has attempted to explain and inspire. By understanding what really goes on in the learning involved in "higher education," you will have more tools to reflect on and regulate your learning. I have emphasized that learning is hard work and should be. That does not mean college is all drudgery. You have a unique opportunity to get to know really smart and interesting people in your classes who also want to learn, and in many cases they will be going into the same fields you are, so you have built-in networking colleagues. College is about gaining what is called "social capital" (networks of friends and relationships that you can draw upon later in life) as well as intellectual capital. Instead of coming into class, hiding in the back of the room, burying yourself behind your cell phone until the instructor starts class, turn to someone and say, "Hello. My name is . . . What did you think about . . . ?"

Part 3: Reading Your Textbooks and Other Resources

College Reading

Many people do not realize that we read at different rates for different purposes. For instance, if we are looking for an answer to a question, we scan very quickly through the material to find the answer, and once the answer is found, we move on to something else. When we are reading a magazine for pleasure, we most likely read it quickly, skimming through the material and slowing down in sections that are especially interesting to us. We are reading for understanding, but we do not intend to memorize the material for a later date.

In college reading, we have to read slowly with an intent to remember what we have read because we know we will be tested on the material in the future. The most popular method of college reading uses a system known as SQ3R – Survey, Question, Read, Recite, Review. This system has been used since WWII when it was created by Francis Pleasant Robinson from Ohio State University and is the most popular method for study reading used today.

The Survey step of SQ3R is used to familiarize yourself with a new book or just a chapter of a book, depending on your goal. If you are looking at an entire book, you want to review the table of contents to see what the chapters are about. Many texts have two tables of content, one is general and short, and the other is detailed. The detailed one will give you the best overview of the text.

Next, look to see what else the book has to offer. Does it have an index? A glossary? Appendices of supplemental information? Self-tests throughout the chapters or at the end of each chapter? Lists of important terminology for each chapter? Terms defined in the margins? Terms defined in a single glossary or after each chapter? Boldface printed terms within the chapters? An introduction to each chapter? Objectives for each chapter? A summary or outline at the end of each chapter? Knowing what your text has to offer can help you devise a study plan for your reading that will be effective as well as giving you an idea as to what the text and the course will cover. Having this information allows you to start reading with background information which improves your concentration and focus, and your comprehension of the material.

When you use the Survey step of SQ3R to survey a single chapter, you want to look for and skim the chapter's objectives and introduction. Then focus on the words in boldface print that divide the chapter into sections and emphasize the terminology. Browse the pictures, graphs, and charts and read their captions to see what examples are given of the information being presented. Look for a summary of the chapter at its end.

Once you have skimmed over for all these aspects, you will have created background information so that when you begin reading, you are not going into it cold, and you have improved your ability to focus and concentrate on the reading as well as comprehend it. This entire step should only take about ten minutes because you are skimming through the material to familiarize yourself with its contents.

Once you have finished the "S" and surveyed the chapter, you want to create questions related to the information that you can answer after reading. Basically, you want to be able to identify the main points the author is trying to get across to you. A simple way to do this is to take the boldface printed subtopics and turn them into questions. For instance, in chapter one of this text, the first section on page eight is already in a question format for you. You just have to read to find out what public speaking is. The second section on page nine is not in question format, but you can form a question out of it, such as "Why does public speaking produce anxiety?" Once you have the question, you can read to find the answer which will give you the important information in the section.

The third step of SQ3R is the Read step which goes hand-in-hand with the question step, and as you will see shortly, with the Recite step. Your goal in the Read step is to read actively and answer each of the questions you have formulated from the section headings. Pause after each section and ask yourself, "What have I just read and does it answer my question?" If you find you have understood the section, go back and highlight the key words and phrases that answer your question.

When you pause and highlight, you are in effect, reciting the information and entering the Recite step of SQ3R. Since repetition is the key to remembering what you have read, this step is very effective. To further your comprehension and memory of the information, summarize it in the margin of your book. If you find you do not understand or cannot recite what you have read, you will have to refocus and reread. Perhaps you became distracted as you were reading or started daydreaming or maybe the material is so foreign to you that you must reread it to compre-

hend it. Whatever the reason, it is important that you understand the section before moving on to the next section. This Recite step, coupled with repetition, is important if you want to build neural pathways to keep the information in your brain.

The last step of SQ3R, Review, is completed after you have read and highlighted the chapter in its entirety. This step can be done in different ways depending on your learning style. If you are an auditory learner, you will want to read over your highlighted information aloud because your hearing ability is your strongest learning sense. If you are a visual, tactile, or kinesthetic learner, you will want to write out (tactile, kinesthetic) the information on paper to reread (visual). Maria Montessori, who created the Montessori schools, stated, “The hands are the instruments of man’s intelligence.” In essence, she believed that the hands were directly connected to the brain, so writing out the highlighted information is particularly effective to use for further review. You could write out the information and then study it aloud, too. This would incorporate all of your senses and bombard your brain with the information, making it more memorable.

The Review step must be repeated at periodic intervals because only through repetition will you build neural pathways for the information that will allow you to remember all that you have read and studied. Once you have achieved comprehension of the material, repetition and review are necessary if you want to be able to pass a test on what you have read. SQ3R promotes meaningful reading and test preparation which results in higher course grades.

Concentration

Concentration is essential when reading college textbooks and studying for exams. Poor concentration is more the result of a lack of internal direction than it is the result of external direction. You must have a positive attitude and be prepared to be actively involved with the materials you are reading and/or studying. Self-testing or reciting as in the recite step of SQ3R is crucial.

When trying to improve your concentration, keep the following in mind:

- The greater your interest in a subject, and the stronger your purpose or motivation in reading, the deeper your concentration will be. Many times the preview step in the SQ3R system can perk your interest in a subject or help motivate you to learn more.

- The ability to concentrate must be acquired. It takes effort and practice. You want to read and study with an intent to understand and recall.
- Make sure you are working in a proper environment. Have good lighting, a suitable noise level with minimal distractions (put your phone away), plenty of air, and comfortable clothes and seating. Only you can drive away distractions. If you have something pressing on your mind that you need to take care of first, do so, so you can concentrate on the work at hand.
- Have a well-defined purpose in reading. Think—why am I reading this?
- Do not try to concentrate when you are very tired. You will be wasting your time and become discouraged when you can't recall what you have just read or studied.
- Find the time of day when your mind is most active and receptive to do your serious reading and studying. Reading at the same time in the same place every day will help you to form a reading and studying habit that will increase your powers of concentration.
- It helps to take a “thinking break” after each paragraph or chapter subheading. In SQ3R, this is when you recite the main points of what you have been reading. If you can't recite the main points, perhaps you were not concentrating.

Again, reading a college textbook is a different process than thumbing through a magazine or reading your favorite novel. Using the SQ3R method and seeking to improve your concentration will make the time spent in reading your textbooks more worthwhile.

Part 4: Effective Memorization

Effective Memorization

Many students tend to be able to recognize information, but not recall information. They frequently think that when they cannot recall a correct answer that they have forgotten it, when in reality, they never really knew the information, they could only recognize it. Recognition occurs when you are able to arrive at a correct answer after you have been given a number of answers to choose from, such as in a multiple choice test. Recall involves remembering information without any choices or cues; that is, without the aid of recognition. Essay questions and even short-answer questions put an emphasis on this skill.

Thus, do not study just to recognize information; study to recall information. In addition, you should always ask your instructor what kind of test you will be taking. Is it objective, meaning multiple choice, matching and true/false, or is it subjective, meaning short answer and essay. Knowing what the test will entail will aid you in studying the information correctly.

General Principles:

Intend to remember. Tell yourself you will recall this information because you want to remember it.

Learn from the general to the specific. In essence, build a framework or create context first. Superior, Erie, Michigan, Huron, and Ontario mean nothing if you don't identify them as the Great Lakes first.

Make the information meaningful by creating associations. Create a concept map of the main points and supporting details of what you have read or are trying to remember. Concept maps show the relationships between ideas and make memorization easier. They also allow you to create a "picture" of what you are learning. Pictures are easier to recall than lists of words or outlines because they allow you to visualize the information. In addition, when you try to remember lists or outlines, you have a tendency to recall the beginnings and the endings and confuse the information in the middle. An example of a concept map is on the next page.

Study actively. Look for answers, recite the material aloud, create flashcards, or write notes, and test yourself.

Recite and repeat, the more often the better. Overlearn the information. This means once you think you know the information,



test yourself one more time.

As with increasing your concentration, reduce interference.

Find a place to study where you won't be distracted. Turn off your phone and put it out of sight.

Keep a positive attitude. Find something that connects you to the information or motivates you even if you think the subject is boring. Tell yourself you will learn this information because you need to pass this course in order to fulfill your goal of graduating.

Space your studying. Distribute your learning over hours or days. Studying a little at a time is more effective than cramming.

Use all of your senses. Look at it, say it, listen to it, talk about it, and write it. Use the material in as many different ways as you can. Create flashcards, concept maps, timelines, charts, short lists, summaries, and self-tests.

Group items in groups of seven or less. For instance, your social security number is ten digits, but you tend to recall it in three parts or groups (i.e. 123-45-6789). We tend to remember seven groups of information at a time.

*For information that is difficult for you to recall, use a **mnemonic** device.* For instance, make up an acronym, a rhyme or song, or an acrostic. These are described below.

Acronym: The word scuba is an acronym that stands for Self, Contained, Underwater, Breathing, and Apparatus. The word

homes stands for the Great Lakes: Huron, Ontario, Michigan, Erie, and Superior. SQ3R is another acronym: Survey, Question, Read, Recite, and Review. These are popular acronyms, but you can make up your own acronyms by taking the first letter of each of the words you want to recall and making a new word to use as a memory tag. Absurd and silly words are especially easy to remember.

Suppose you needed to remember the six listening faults: daydreaming, closed-mindedness, false attention, intellectual despair, memorizing, and personality listening. You would take the first letter of each meaningful word; in this case, D, C, F, I, M and P and create a new word or phrase, such as PC DIMF or DC PIMF. The word or phrase doesn't have to make sense, it just has to be memorable. When you have your test in hand, take a moment to write down PC DIMF in the margin. When you come to the question that deals with the six listening faults, you will have a memory tag all ready to aid your thinking. If the list of items to be remembered has to be in order, you will be limited in what you can create, so you might want to create an acrostic instead.

Have you ever noticed that when a song comes on the radio or TV, you can easily recall the words? *Create a jingle or a song of concepts to aid your memory.* Perhaps you are familiar with the jingle:

Thirty days has September, April, June and November.
All the rest have 31 except February, it's a different one.
It has 28 days clear, and 29 each leap year.

An acrostic is another effective memory device. A popular one you may be familiar with is "My Very Educated Mother Just Served Us Nine Pizzas." This acrostic, which is a sentence using words with the same first letter as the words you are trying to recall, is a clue to the planets in order from the sun: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune, and Pluto. The six listening faults could also be recalled using an acrostic. For instance, I may call proper friends daily. I for intellectual despair; M for memorizing; C for closedmindedness; P for personality listening; F for false attention; and D for daydreaming.

Keep in mind that mnemonic devices should not be overused. They are intended just for information that is difficult for you to recall. Many times people will recall the mnemonic device they used years after memorizing it, but not be able to recall what it stands for. Roy G. Biv is a popular acronym that many people recall, but don't remember that it stands for the colors of the rainbow in proper order; Red, Orange, Yellow, Green, Blue, Indigo, and Violet. Thus, limit the number of mnemonic devices you use when you are studying.

Part 5: Test Anxiety/Speech Anxiety

All students experience some test anxiety -- a fear or worry about having to take a test. When the anxiety is normal, it raises your alertness and is productive. When the anxiety is severe, it can cause mental interference which will make concentration difficult and make you easily distracted. It also can produce physical symptoms, such as restlessness; “butterflies in the stomach”; accelerated heart beat and/or breathing; nausea, sweaty palms and a headache, among other symptoms.

The worst part of severe test anxiety is that it causes a mental block which makes it difficult to focus on the task at hand and remember all the information you have studied. If you are very anxious about a test and have studied effectively, you can still do poorly on the test if you are unable to control your anxiety.

The most important step to take to control anxiety is to be prepared. You need to self-test and practice the information repeatedly to make it your own. You also need to keep your perspective and not let your emotions interfere with logic. Consider why you are anxious. Are you anxious and afraid because of self-defeating thoughts? If you think you will do poorly, you are setting yourself up to do just that.

You must keep a positive attitude and talk to yourself. Say, “I have studied for this test and even though I may not know all the answers, I do know most of them, so I will earn a good grade;” or in the case of a speech, “I have researched this speech effectively, and I have practiced this speech numerous times in front of my friends and family, so I will be able to deliver it successfully in class.” Use your imagination and visualize yourself being successful. See yourself acing the test or delivering your speech calmly and in control. Imagining yourself successful in a situation sets you up to be successful as long as you have completed all the requirements to be successful, i.e. studying and practicing.

The last technique to controlling text anxiety is to learn to relax. If you find yourself breathing heavily and upset about the test or speech, take a little time and count your breaths for a minute. A breath is considered one intake and one outtake. Next, slow down your breathing and count your breaths again. The fewer breaths you take, the more your body will slow down. If you are anxious, you are probably taking fifteen to twenty breaths per minute; whereas, if you are relaxed, you can limit yourself to three or four breaths per minute without holding your breath. This little exercise can help you focus and relax before you take a

test or give a speech, or during a test if you find your anxiety is worsening.

Another exercise you can practice consists of starting out in a comfortable position. Loosen your clothing if necessary. Then, beginning with your toes, tighten your muscles to the count of ten, and then release them from the tension. Next tighten your muscles in your feet, again to the count of ten and release. Continue moving slowly up your body, tightening and releasing. As you are doing this, breathe deeply and slowly. This is a good technique to use on test or speech day before you get to class or just after you arrive. This technique can be used whenever you feel yourself becoming anxious, when you can't sleep at night, or as a refresher between study and practice sessions.

If you find your mind is blocked during an exam or just before you are to give your speech, close your eyes, take a long, deep breath and let it out slowly. Concentrate on your breathing, so that you can feel and hear yourself breathe. Don't allow yourself to worry about the exam, speech, time, or tension. Repeat once and then return to the test or ready yourself to give your speech. Keep in mind that being able to make your mind and body relax takes practice, so try these techniques in non-anxious situations. As you become comfortable with them, try them in anxiety-producing situations.

Part 6: Test-taking

In many classes, the large part of your grade, and thus your success, will be from high grades on exams. These pointers will walk you through preparing and taking exams.

The first step to test-taking is to study. If you are prepared for the test, you will be less anxious and more apt to score a high grade. What should you study?

Key terms, definitions and examples: It is not enough to know the terminology and what each new vocabulary word means. You need to be able to provide an example or explain how the word fits into the subject you are studying.

Enumerations or lists of items: Lists of items make excellent test questions, especially the kind that read, “All of the following are related EXCEPT...” These questions demand that you know the entire list and be able to identify the one item that does not apply.

Points emphasized in class: If your instructor repeats a concept in class several times for emphasis, he is giving you a clue that you will see that concept on a test. Study it and know it.

Reviews, study guides, flash cards, PowerPoints: Many instructors provide tools to increase your learning and help you study. If your instructor provides reviews, study guides, PowerPoints and/or flashcards, use them to your advantage. This is information your instructor has designated as important to know.

Questions from quizzes and textbook chapters: If your instructor administers regular quizzes on the material, save the quizzes for future study. There is a good chance you will see those questions or similar ones on the midterm or final. Many textbooks offer questions at the end of each chapter. Ask your instructor if studying these questions would be beneficial or not.

General Tips for Studying for Exams

Get a good night's sleep. If you are tired while taking the exam, your focus will be weak, and you are more apt to make mistakes. Being well-rested will make you more alert during the exam.

Don't cram. Schedule regular study times. The optimum way to study is to review the information you have read in your text and heard in your class on a daily basis. This can be just a quick reading through the information, but the repetition will make the concepts stick in your head. If daily is not feasible, schedule time to study your text and class notes on the days the

class meets at a minimum. Looking over your notes as soon after class as possible increases your memory of the material and gives you the opportunity to clarify what you have written. Studies have shown that the longer you wait to review your notes, the more you will forget. In fact, you can forget half of what you have learned in just an hour if you don't review!

The week before the test, you will need to schedule daily study times. Break up the information into workable parts. Study part one the first night. The second night review part one and study part two. The third night review parts one and two and study part three. Continue studying in this way to keep the information fresh in your mind for test day.

In addition, take breaks while you are studying. When you come back from your break, review the material you were focusing on before the break and start studying the new material. Break, review, study provides many beginnings and endings to your studying which is beneficial because we tend to remember the beginnings and endings of information and fudge up the information in the middle.

Take your books, pens, pencils, paper, etc. to class. In short, be prepared to take the test. Responsible college students have the necessary equipment to succeed in school ready every day, not just on test days. In addition to showing responsibility, having what you need with you provides a feeling of confidence because you are ready.

Be on time for the exam. It goes without saying that being on time to class shows respect to the instructor and your other classmates. Being on time also allows you to be more relaxed for the test. Rushing in late and worrying about whether you will have enough time to finish the test will weaken your focus and concentration.

Sit in a quiet spot and don't talk about the material. Every exam day, you will find a group or groups of students hurriedly trying to make themselves remember the concepts they should have been studying all along. They tend to be frenetic as they ask each other questions and look up answers in the text. You have studied and the information is all in your mind. Don't sit near these folks and join in their frenzy. Keep to yourself. You have put the material in your mind in a logical fashion and don't need to upset your thinking by talking with these students.

Read all of the directions on the test carefully. Just because the questions appear to be the usual multiple choice or true and false doesn't mean you are to answer them the usual way.

Sometimes instructors want pluses and minuses instead of trues and falses or T's and F's. If you answer the questions using a method different from what the directions state, your answers will be incorrect.

Budget your time. Don't spend so much time on a single question that you can't finish the test. Mark the troubling question and come back to it if and when you have time.

Ignore those people who finish before you do. You are not in a race. Students who finish quickly either really know all the information or don't know any of the information. You may not know all of the information, but you will know most of it because you studied. Use your time wisely and review your test if you finish before time is up to make sure you haven't made any "stupid mistakes." Use all the time you are given.

Answer the easy questions first. Answering the easy questions first tends to build your confidence as you proceed through the test. In addition, these questions may provide clues to the more difficult questions.

Mark the troublesome questions so you can look at them again later. Many times troublesome questions become clearer after reading and answering other questions on the test. Just be sure to keep track of the questions you have deemed difficult, so you can go back to them later. It is usually wise to select an answer to those difficult questions before you move on just in case you don't have time to return them.

Answer all the questions. If you leave a question blank, it is wrong. Guess if you don't know the answer. A guess at least gives you a chance at getting the question correct.

If you don't understand the question, state the question in your own words. If this doesn't clarify the question, ask the instructor for clarification. You can't answer a question you don't understand.

Always review your answers before handing in your test. However, do not change any answers unless you are certain you have made a mistake and answered incorrectly. Perhaps you accidentally marked the wrong letter choice, or you misread the question. In these instances, changing your answer is wise. Otherwise, your first inclination is usually the right answer.

Additional Tips for Multiple Choice Questions

Use process of elimination. Read all of the choices and cross out those choices that are definitely false or incorrect, and choose from the answers that remain.

Part 7: Avoiding Plagiarism

Plagiarism is a problem in many classrooms. It is a problem for students, since plagiarizing robs them of learning opportunities and can get them in serious trouble. It is a problem for teachers, since it leaves them unable to tell how much a student really knows and causes them to have extra administrative work to deal with students who plagiarize.

Unfortunately, it is also common. Some researchers estimate rates of cheating in undergraduate classrooms at over 80% (McCabe et al., 2001a, 2001b; McCabe & Trevino, 2002; Dawkins, 2004; Callahan, 2004; Whitley, 1998). This statistic includes other types of cheating, but we can deduce from it that plagiarism is common. And some researchers say that committing plagiarism in college can be a predictor of dishonesty in the workplace later in life (Hilbert, 1985; Lucas & Friedrich, 2005). Failing an assignment or a class is a bad consequence, but if this sort of behavior continues, it can ruin one's career.

One reason that plagiarism is such a problem is that students don't have a good understanding of what it is. Although students may articulate some understanding of plagiarism, and that it must be avoided, they do not understand the purpose of citation itself. They may only think of it as a required convention of academic writing, rather than as a means of learning and contributing to an ongoing accumulation of knowledge (Lofstrom, 2011).

Some researchers have found that students feel confused by the rules, and express fear that they may accidentally fall into plagiarism even when trying not to, or even to accidentally echo a phrase previously encountered and mistake it for their original thought (Ashworth, Bannister & Thorne, 1997). This is consistent with other's findings that students cannot identify plagiarism when given examples, do not know how to paraphrase and cite (Marshall & Garry, 2006; Yeo, 2007; Pecorari, 2003).

How do we teach about plagiarism?

The good news is that simply educating students about plagiarism helps reduce it (Landrau, Druen & Arcuri, 2002). But, a complicating factor in the public speaking classroom is the confusion that exists for some students about citation standards in verbal communication (Holm, 2002). Some students who may exhibit appropriate citation behaviors in written assignments fail to do so in speeches.

In a recent study (Mendes, 2017), student respondents on a plagiarism survey indicated some interesting things about their

understanding of plagiarism. First, many respondents specifically used the terms “stealing” or “theft” and “words.” The implications of this usage are that these students focus specifically on others’ words, but not necessarily on thoughts, ideas, or conclusions. However, another significant minority of students used “thoughts” in their answers, indicating a more thorough understanding of citation requirements. Another important group of words that came up in the study was “knowing,” “intentional,” or “purpose,” indicating that plagiarism behaviors are always intentional (and that perhaps unintentional plagiarism does not count).

Below are a series of activities that will help you reach a better understanding of some important ideas about plagiarism:

- How to use quotation marks.
- When and how to paraphrase.
- How to cite information from multiple sources.

An important thing to remember about quotation marks is that you shouldn’t use very many. Unless there is important technical language, a direct quote you need to reference, or a significant phrase, it is better to paraphrase the information you use, rather than directly quote it (more on paraphrasing later). If you are quoting something, the a proper citation should include the quoted material and a parenthetical citation (Author’s last name, Year of publication). Anytime you are going to use more than a couple words in the same order as the reference text, go ahead and add the quotation marks – but ask yourself if you could rephrase the idea so that you use different words. **DO NOT** just leave off the quotation marks!

Paraphrasing is when you take the information from a source and put it in your own words, usually be combining it with information you already know, or by explaining how the information is relevant to the topic you are writing about. It can be more difficult that you expect, because sometimes once you have read the original author’s phrasing, it is hard to think of a “better” way to say it. Think instead of how you will be telling us something about the information – why is it important, how it relates to your topic or argument, whether it agrees or disagrees with other information in your speech.

Read the following passage, and from the information provided, take 1 quotation and 2 paraphrased sentences:

Cricket will be joining the crowded U.S. professional sports landscape as part of a \$70

million licensing agreement between the United States of America Cricket Association (USACA) and Pennsylvania-based Global Sports Ventures, LLC. The move is a significant first step in growing the popular sport in the U.S., which has the second highest viewership of cricket in the world behind only India. More than 1.4 million people in the U.S. watched the ICC World Twenty20 competition won by West Indies earlier this year.

Cricket was a popular American sport before the Civil War, with rules that were formalized by Benjamin Franklin in 1754. George Washington played cricket in Valley Forge, Pennsylvania, in 1778 and the first international competition in any sport was actually a cricket match between the U.S. and Canada, according to the USACA. The multiyear licensing agreement means a franchised Twenty20 (T20) professional league will be established within the next year or so. There are ongoing talks about the number of teams, the cities in which they'll be based, the facilities in which they'll play, and the creation of player contracts for both men and women (Matuszewski, 2016).

Sometimes you will be combining information from more than one source in one paraphrased statement. Using the 2 passages below, write a sentence that contains information from both in paraphrased form.

What happens, though, when a child with talent and enthusiasm has nowhere to play? The U.S. only has one purpose-built ICC-certified cricket ground, at Central Broward Regional Park in Lauderdale, Florida. In 2015, the Cricket All-Stars, two teams captained by Sachin Tendulkar and Shane Warne, two of cricket's best-recognized names, played three exhibition games at Citi Field in New York City,

home of the New York Mets, Minute Maid Park in Houston and Dodger Stadium in Los Angeles, two other baseball venues, using drop-in cricket pitches for games of 20 overs a side. (Kakade, 2017)

An Indian-American cricket enthusiast has announced plans to build as many as eight cricket stadiums across the US at an estimated cost of \$2.4 billion to professionalise the game in the country. The eight proposed stadiums, each having a capacity of 26,000 people in New York, New Jersey, Washington DC, Georgia, Florida, Texas, Illinois and California, would create as many as 17,800 new jobs in the US, said Jignesh (Jay) Pandya, chairman of Global Sports Ventures (Press Trust of India, 2017).

Hopefully, this practice exercise has made it easier to understand when and how to cite, paraphrase, and combine sources. Your instructor can answer other questions you have.

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Appendix C

Glossary

Abstract – the summary of a document commonly found at the beginning of academic journal articles.

Abstract language – language that evokes many different visual images in the minds of your audience.

Ad hominem – a fallacy that attacks the person rather than dealing with the real issue in dispute.

Ad misericordium - Inappropriate appeal to pity or emotions to hide lack of facts or argument

After-dinner speeches – humorous speeches that make a serious point.

Alliteration – the repetition of initial consonant sounds in a sentence or passage.

Analogical reasoning – drawing conclusions about an object or phenomenon based on its similarities to something else.

Anaphora – the succession of sentences beginning with the same word or group of words.

Anecdote – a brief account or story of an interesting or humorous event.

Antithesis – the juxtaposition of contrasting ideas in balanced or parallel words, phrases, or grammatical structures.

Appeal to Tradition - arguing that traditional practice and long-term history is the only reason for continuing a policy.

Appropriateness – how persons and groups should be referred to and addressed based on inclusiveness and context.

Argument from Silence – making an converse argument from lack of evidence or information about a conclusion

Assonance – the repetition of vowel sounds in a sentence or passage.

Attention – focus on one stimulus while ignoring or suppressing reactions to other stimuli.

Attention getter – a statement or question that piques the audience's interest in what you have to say at the very beginning of a speech.

Attitude – a stable positive or negative response to a person, idea, object, or policy.

Audience Analysis – examining and looking at your audience first by its demographic characteristics and then by their internal psychological traits.

Bandwagon – a fallacy that assumes that because something is popular, it is therefore good, correct, or desirable.

Bar graphs – a graph designed to show the differences between quantities.

Beliefs – statements we hold to be true.

Boolean search – a method of using search engines in databases and the Internet that allows the user to combine key terms or words with the “operators” AND, NOT, or OR to find more relevant results.

Bridging statement – a type of connective that emphasizes moving the audience psychologically to the next part of a speech.

Causal reasoning – a form of inductive reasoning that seeks to make cause-effect connections.

Central idea statement – a statement that contains or summarizes a speech’s main points.

Channel – the means through which a message gets from sender to receiver.

Chart – a graphical representation of data (often numerical) or a sketch representing an ordered process.

Chronological pattern – an organizational pattern for speeches in which the main points are arranged in time order.

Clichés – predictable and generally overused expressions; usually similes.

Clincher – something memorable with which to conclude your speech.

Cognitive dissonance – a psychological phenomenon where people confronted with conflicting information or viewpoints reach a state of dissonance (generally the disagreement between conflicting thoughts and/or actions), which can be very uncomfortable, and results in actions to get rid of the dissonance and maintain consonance.

Connective – a phrase or sentence that connects various parts of a speech and shows the relationship between them.

Connotative meaning – the subjective meaning a word evokes in people either collectively or individually.

Console – to offer comfort in a time of grief.

Decode – the process of the listener or receiver understanding the words and symbols of a message and making meaning of them.

Deductive reasoning – a type of reasoning in which a conclusion

is based on the combination of multiple premises that are generally assumed to be true.

Defamatory speech – a false statement of fact that damages a person’s character, fame, or reputation.

Define – to set limits on what a word or term means, how the audience should think about it, and/or how you will use it.

Demographic characteristics – the outward characteristics of the audience.

Denotative meaning – the objective or literal meaning shared by most people using the word.

Derived credibility – a speaker’s credibility and trustworthiness (as judged by the audience members) throughout the process of the speech, which also can range from point to point in the speech.

Diagrams – drawings or sketches that outline and explain the parts of an object, process, or phenomenon that cannot be readily seen.

Domain term – a section of the Internet that is made up of computers or sites that are related in some way (such as by use or source); examples include .com, .edu, .net, and .gov.

Encode – the process of the sender putting his/her thoughts and feelings into words or other symbols.

Enthymeme – a syllogism with one of the premises missing.

Ethics – branch of philosophy that involves determinations of what is right and moral.

Ethnic identity – a group an individual identifies with based on a common culture.

Ethos – the influence of speaker credentials and character in a speech; arguments based on credibility.

Eulogy - a speech given in honor of someone who has died.

Euphemisms – language devices often used to make something unpleasant sound more tolerable.

Expert – someone with recognized credentials, knowledge, education, and/or experience in a subject.

Extemporaneous speaking – the presentation of a carefully planned and rehearsed speech, spoken in a conversational manner using brief notes.

False analogy – a fallacy where two things are compared that do not share enough (or key) similarities to be compared fairly.

False cause – a fallacy that assumes that because something happened first, that subsequent events are a result.

False dilemma – a fallacy that forces listeners to choose between two alternatives when more than two alternatives exist.

Feedback – direct or indirect messages sent from an audience (receivers) back to the original sender of a message.

Figurative analogy – an analogy where the two things under comparison are not essentially the same; “My love is like a red, red rose.”

Figurative language – language that uses metaphors and similes to compare things that may not be literally alike.

General purpose – the broad, overall goal of a speech; to inform, to persuade, to entertain, etc.

Generalization – a form of inductive reasoning that draws conclusions based on recurring patterns or repeated observations.

Graph – a pictorial representation of the relationships of quantitative data using dots, lines, bars, pie slices, and the like.

Guilt by Association - a form of false analogy based on the idea that if two things bear any relationship at all, they are comparable

Gustatory – of or relating to the sense of taste.

Hasty generalization – a fallacy that involves making a generalization with too few examples.

Hearing – the physical process in which sound waves hit the ear drums and send a message to the brain.

Hero speech – a motivational speech given by someone who is considered a hero in society.

Heterogeneous – a mixture of different types of people and demographic characteristics within a group of people.

Hypothetical narrative – a story of something that could happen but has not happened yet.

Homogeneous – a group of people who are very similar in many characteristics.

Hyperbole – intentional exaggeration for effect.

Imagery – language that makes the recipient smell, taste, see, hear, and feel a sensation; also known as sensory language.

Impromptu speaking – the presentation of a short message without advance preparation.

Inductive reasoning – a type of reasoning in which examples or specific instances are used to supply strong evidence for (though not absolute proof of) the truth of the conclusion; the scientific method.

Information literacy – the ability to recognize when information is needed and have the ability to locate, evaluate, and effectively use the needed information.

Informative speech – a speech based entirely and exclusively on facts and whose main purpose is to inform rather than persuade, amuse, or inspire

Initial credibility – a speaker’s credibility at the beginning of or even before the speech.

Inspire – to affect or arouse someone’s emotions in a specific, positive manner

Internal preview – a type of connective that emphasizes what is coming up next in the speech and what to expect with regard to the content.

Internal summary – a type of connective that emphasizes what has come before and remind the audience of what has been covered.

Irony – the expression of one's meaning by using language that normally signifies the opposite, typically for humorous or emphatic effect.

Irrefutable – a statement or claim that cannot be argued.

Jargon – language used in a specific field that may or may not be understood by others.

Kinesthetic – issues related to the movement of the body or physical activity.

Lament – to express grief or sorrow.

Language – any formal system of gestures, signs, sounds, and symbols used or conceived as a means of communicating thought, either through written, enacted, or spoken means.

Lectern – a small raised surface, usually with a slanted top, where a speaker can place notes during a speech.

Line graph – a graph designed to show trends over time.

Listening – an active process where you are specifically making an effort to understand, process, and retain information.

Literal analogy – an analogy where the two things under comparison have sufficient or significant similarities to be compared fairly.

Literal language – language that does not use comparisons like similes and metaphors.

Logical fallacies – mistakes in reasoning; erroneous conclusions or statements made from poor inductive or deductive analyses.

Logos – logical and organized arguments and the credible evidence to support the arguments within a speech; arguments based on logic.

Manuscript speaking – the word-for-word iteration of a written message.

Mean – the mathematical average for a given set of numbers.

Median – the middle number in a given set of numbers.

Memorized speaking – the rote recitation of a written message that the speaker has committed to memory.

Mental dialogue – an imagined conversation the speaker has with a given audience in which the speaker tries to anticipate what questions, concerns, or issues the audience may have to the subject under discussion.

Metaphor – a figure of speech that identifies something as being the same as some unrelated thing for rhetorical effect, thus highlighting the similarities between the two.

Mode – the number that is the most frequently occurring within a given set of numbers.

Monotone – a continuing sound, especially of someone's voice, that is unchanging in pitch and without intonation.

Motivational speech – a speech designed not only to make an audience experience emotional arousal but also to motivate the audience to do something with that emotional arousal.

Needs – important deficiencies that we are motivated to fulfill.

Noise – anything that disrupts, interrupts, or interferes with the communication process.

Non sequitur – a fallacy where the conclusion does not follow from its premise.

Olfactory – of or relating to the sense of smell.

Opinion – a personal view, attitude, or belief about something.

Organic – feelings or issues related to the inner-workings of the body.

Parallelism – the repetition of grammatical structures that correspond in sound, meter, and meaning.

Paraphrasing – putting the words and ideas of others into one's own authentic or personal language.

Pathos – the use of emotions such as anger, joy, hate, desire for community, and love to persuade the audience of the rightness of a

proposition; arguments based on emotion.

Peer-reviewed – a review process in which other scholars have read a work of scholarly writing (an article, book, etc.) and judged it to be accurate according to the research rules of that discipline.

Peer testimony – any quotation from a friend, family member, or classmate about an incident or topic.

Perception – how people organize and interpret the patterns of stimuli around them.

Periodicals – works that are published on a regular, ongoing basis, such as magazines, academic journals, and newspapers.

Persuasion – a symbolic process in which communicators try to convince other people to change their attitudes or behavior regarding an issue through the transmission of a message, in an atmosphere of free choice.

Pictographs – a graph using iconic symbols to dramatize differences in amounts.

Pie Graph – a graph designed to show proportional relationships within sets of data.

Pitch – the relative highness or lowness of your voice.

Plagiarism – the act of using another person’s words or ideas without giving credit to that person.

Plain Folks - A tactic for portraying elite, famous, powerful, or wealthy persons as “the common man or woman”

Planned redundancy – the use of a clear central idea statement, preview of the main points, connective statements, and overall summary in the conclusion to reinforce the main ideas or points of a speech; the deliberate repetition of structural aspects of speech.

Post hoc ergo propter hoc (historical fallacy) - using progression in time as the reason for causation, but nothing else.

Presentation aids – the resources beyond the speech itself that a speaker uses to enhance the message conveyed to the audience.

Primary research – new research, carried out to answer specific questions or issues and discover knowledge.

Primary sources – information that is first-hand or straight from the source; information that is unfiltered by interpretation or editing.

Probative – having the quality or function of proving or demonstrating something; affording proof or evidence.

Proposition – a statement made advancing a judgment or opin-

ion.

Psychographic characteristics – the inner characteristics of the audience; beliefs, attitudes, needs, and values.

Public speaking – an organized, face-to-face, prepared, intentional (purposeful) attempt to inform, entertain, or persuade a group of people (usually five or more) through words, physical delivery, and (at times) visual or audio aids.

Rapport – a relationship or connection a speaker makes with the audience.

Rate – the speed at which you speak; how quickly or slowly a speaker talks.

Red herring – a fallacy that introduces an irrelevant issue to divert attention from the subject under discussion.

Religious speech – a speech designed to incorporate religious ideals into a motivational package to inspire an audience into thinking about or changing aspects of their religious lives.

Rhetorical question – a question to which no actual reply is expected.

Roast – a humorous speech designed to both praise and good-naturedly insult a person being honored.

Secondary sources – information that is not directly from the source; information that has been compiled, filtered, edited, or interpreted in some way.

Selective exposure – the decision to expose ourselves to messages that we already agree with, rather than those that confront or challenge us.

Sign reasoning – a form of inductive reasoning in which conclusions are drawn about phenomena based on events that precede (not cause) a subsequent event.

Signposts – a type of connective that emphasizes physical movement through the speech content and lets the audience know exactly where they are; commonly uses terms such as First, Second, Finally.

Simile – a figure of speech involving the comparison of one thing with another thing of a different kind (specifically using the terms “like” or “as”), used to make a description more emphatic or vivid.

Slang – a type of language that consists of words and phrases that are specific to a subculture or group that others may not understand.

Slippery slope – a fallacy that assumes that taking a first step will

lead to subsequent events that cannot be prevented.

Spatial pattern – an organizational pattern for speeches in which the main points are arranged according to movement in space or direction.

Special occasion speech – a speech designed to capture an audience's attention while delivering a message.

Specific purpose statement – an infinitive phrase that builds upon the speaker's general purpose to clearly indicate precisely what the goal of a given speech is.

Speech of acceptance – a speech given by the recipient of a prize or honor.

Speech of apology – a speech design to acknowledge wrongdoing, take responsibility, and offer restitution.

Speech of commencement – a speech designed to recognize and celebrate the achievements of a graduating class or other group of people.

Speech of dedication – a speech delivered to mark the unveiling, opening, or acknowledging of some landmark or structure.

Speech of farewell – a speech allowing someone to say good-bye to one part of his or her life as he or she is moving on to the next part of life.

Speech of introduction – a mini-speech given by the host of a ceremony that introduces another speaker and his or her speech.

Speech of presentation – a brief speech given to accompany a prize or honor.

Statistics – the collection, analysis, comparison, and interpretation of numerical data, understanding its comparison with other numerical data.

Stereotyping – generalizing about a group of people and assuming that because a few persons in that group have a characteristic, all of them do.

Stipulated definition – a definition with clearly defined parameters for how the word or term is being used in the context of a speech.

Straw man – a fallacy that shows a weaker side of an opponent's argument in order to more easily tear it down.

Success speech – a speech given by someone who has succeeded in some aspect of life and is giving back by telling others how they too can be successful.

Survivor speech – a speech given by someone who has survived a personal tragedy or who has faced and overcome serious adversity.

Syllogism – a three-sentence argument composed of a major premise (a generalization or principle that is accepted as true), a minor premise (and example of the major premise), and a conclusion.

Symbol – a word, icon, picture, object, or number that is used to stand for or represent a concept.

Target audience – the members of an audience the speaker most wants to persuade and who are likely to be receptive to persuasive messages.

Terminal credibility – a speaker’s credibility at the end of the speech.

Testimony – the words of others used as proof or evidence.

Toast – a speech designed to congratulate, appreciate, or remember.

Tone – the attitude of a given artifact (humorous, serious, light-hearted, etc.).

Totalizing – taking one characteristic of a group or person and making that the “totality” or sum total of what that person or group is.

Transition – a type of connective that serves as a bridge between disconnected (but related) material in a speech.

Two-tailed argument – a persuasive technique in which a speaker brings up a counter-argument to their own topic and then directly refutes the claim.

Values – goals we strive for and what we consider important and desirable.

Vocal cues – the subtle but meaningful variations in speech delivery, which can include the use of pitch, tone, volume, and pace.

Vocalized pauses – pauses that incorporate some sort of sound or word that is unrelated to what is being said; “uh,” “um,” and “like” are well known examples.

Volume – the relative softness or loudness of your voice.

Appendix D

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