Chapter 3:
Nonverbal Communication

Introduction to Nonverbal Communication

As you'll recall from earlier in the course, a channel is a sensory route on which a message travels. Oral communication only relies on one channel, because spoken language is transmitted through sound and picked up by our ears. *Nonverbal communication, on the other hand, can be taken in by all five of our senses*. Since most of our communication relies on visual and auditory channels, those will be the focus of this chapter. But we can also receive messages and generate meaning through touch, taste, and smell. Touch is an especially powerful form of nonverbal communication that we will discuss in this chapter, but we will not get into taste and smell, which have not received as much scholarly attention in relation to nonverbal communication as the other senses.

To further define nonverbal communication, we need to distinguish between vocal and verbal aspects of communication. Verbal and nonverbal communication include both vocal and nonvocal elements, and Table 1.1 "Vocal and Nonvocal Elements of Communication" shows the relationship between vocal, nonvocal, verbal, and nonverbal aspects of communication. A vocal element of verbal communication is spoken words—for example, "Come back here." A *vocal* element of nonverbal communication is paralanguage, which is the vocalized but not verbal part of a spoken message, such as speaking rate, volume, and pitch. *Nonvocal* elements of verbal communication include the use of unspoken symbols to convey meaning. Writing and American Sign Language (ASL) are nonvocal examples of verbal communication and are not considered nonverbal communication. Nonvocal elements of nonverbal communication include body language such as gestures, facial expressions, and eye contact. Gestures are nonvocal and nonverbal since most of them do not refer to a specific word like a written or signed symbol does.

Table 1.1. Vocal and Nonvocal Elements of Communication

	Verbal Communication	**Nonverbal Communication**
Vocal	Spoken words	Paralanguage (pitch, volume, speaking rate, etc.)

	Verbal Communication	Nonverbal Communication
Nonvocal	Writing, sign language	Body language (gestures, facial expressions, eye contact, etc.)

Principles of Nonverbal Communication

Nonverbal communication has a distinct history and serves separate evolutionary functions from verbal communication. For example, nonverbal communication is primarily biologically based while verbal communication is primarily culturally based. This is evidenced by the fact that some nonverbal communication has the same meaning across cultures while no verbal communication systems share that same universal recognizability.

Nonverbal communication also evolved earlier than verbal communication and served an early and important survival function that helped humans later develop verbal communication. While some of our nonverbal communication abilities, like our sense of smell, lost strength as our verbal capacities increased, other abilities like paralanguage and movement have grown alongside verbal complexity. The fact that nonverbal communication is processed by an older part of our brain makes it more instinctual and involuntary than verbal communication.

Nonverbal Communication Conveys Important Interpersonal and Emotional Messages

You've probably heard that more meaning is generated from nonverbal communication than from verbal. *Some studies have claimed that 90 percent of our meaning is derived from nonverbal signals, but more recent and reliable findings claim that it is closer to 65 percent*. We may rely more on nonverbal signals in situations where verbal and nonverbal messages conflict and in situations where emotional or relational communication is taking place. For example, when someone asks a question and we're not sure about the "angle" they are taking, we may hone in on nonverbal cues to fill in the meaning. For example, the question "What are you doing tonight?" could mean any number of things, but we could rely on posture, tone of voice, and eye contact to see if the person is just curious, suspicious, or hinting that they

would like company for the evening. We also put more weight on nonverbal communication when determining a person's *credibility*. For example, if a classmate delivers a speech in class and her verbal content seems well-researched and unbiased, but her nonverbal communication is poor (her voice is monotone, she avoids eye contact, she fidgets), she will likely not be viewed as credible. Conversely, in some situations, verbal communication might carry more meaning than nonverbal. In interactions where information exchange is the focus, at a briefing at work, for example, verbal communication likely accounts for much more of the meaning generated. Despite this exception, a key principle of nonverbal communication is that it often takes on more meaning in interpersonal and/or emotional exchanges.

Nonverbal Communication Is More Involuntary than Verbal

There are some instances in which we verbally communicate *involuntarily*. These types of exclamations are often verbal responses to a surprising stimulus. For example, we say "owww!" when we stub our toe or scream "stop!" when we see someone heading toward danger. Involuntary nonverbal signals are much more common, and although most nonverbal communication isn't completely involuntary, it is more below our consciousness than verbal communication and therefore more difficult to control.

The involuntary nature of much nonverbal communication makes it more difficult to control or "fake." For example, although you can consciously smile a little and shake hands with someone when you first see them, it's difficult to fake that you're "happy" to meet someone. Nonverbal communication leaks out in ways that expose our underlying thoughts or feelings. Spokespeople, lawyers, or other public representatives who are the "face" of a politician, celebrity, corporation, or organization must learn to control their facial expressions and other nonverbal communication so they can effectively convey the message of their employer or client without having their personal thoughts and feelings leak through. Poker players, therapists, police officers, doctors, teachers, and actors are also in professions that often require them to have more awareness of and control over their nonverbal communication.

Have you ever tried to conceal your surprise, suppress your anger, or act joyful even when you weren't? Most people whose careers don't involve conscious manipulation of nonverbal signals find it difficult to control or suppress them. While we can consciously decide to stop sending verbal messages, our nonverbal communication always has the potential of generating meaning for another person. The teenager who decides to shut out his dad and not communicate with him still sends a message with his "blank" stare (still a facial expression) and lack of movement (still a gesture). In this sense, nonverbal communication is irrepressible.

Nonverbal Communication Is More Ambiguous

We have already learned that the symbolic and abstract nature of language can lead to misunderstandings, but nonverbal communication is even more *ambiguous*. As with verbal communication, most of our nonverbal signals can be linked to multiple meanings, but unlike words, many nonverbal signals do not have one specific meaning. If you've ever had someone wink at you and didn't know why you've probably experienced this uncertainty. Did they wink to express their affection for you, their pleasure with something you just did, or because you share some inside knowledge or joke?

Just as we look at context clues in a sentence or paragraph to derive meaning from a particular word, we can look for context clues in various sources of information like the physical environment, other nonverbal signals, or verbal communication to make sense of a particular nonverbal cue. Unlike verbal communication, however, nonverbal communication doesn't have explicit rules of grammar that bring structure, order, and agreed-on patterns of usage. Instead, we implicitly learn norms of nonverbal communication, which leads to greater variance. In general, we exhibit more idiosyncrasies in our usage of nonverbal communication than we do with verbal communication, which also increases the ambiguity of nonverbal communication.

Nonverbal Communication Is More Credible

Although we can rely on verbal communication to fill in the blanks sometimes left by nonverbal expressions, we often put more trust into what people do over what they say. This is especially true in times of stress or

danger when our behaviors become more instinctual, and we rely on older systems of thinking and acting that evolved before our ability to speak and write. This innateness creates intuitive feelings about the genuineness of nonverbal communication, and this genuineness relates back to our earlier discussion about the sometimes involuntary and often subconscious nature of nonverbal communication. An example of the innateness of nonverbal signals can be found in children who have been blind since birth but still exhibit the same facial expressions as other children. In short, the involuntary or subconscious nature of nonverbal communication makes it less easy to fake, which makes it seem more honest and credible. We will learn more about the role that nonverbal communication plays in deception later in this chapter.

Functions of Nonverbal Communication

A primary function of nonverbal communication is to convey meaning by reinforcing, substituting for, or contradicting verbal communication. Nonverbal communication is also used to influence others and regulate conversational flow. Perhaps even more important are the ways in which nonverbal communication functions as a central part of relational communication and identity expression.

Nonverbal Communication Conveys Meaning

Nonverbal communication conveys meaning by reinforcing, substituting for, or contradicting verbal communication. As we've already learned, verbal and nonverbal communication are two parts of the same system that often work side by side, helping us generate meaning. In terms of reinforcing verbal communication, gestures can help describe a space or shape that another person is unfamiliar with in ways that words alone cannot. Gestures also reinforce basic meaning—for example, pointing to the door when you tell someone to leave. Facial expressions reinforce the emotional states we convey through verbal communication. For example, smiling while telling a funny story better conveys your emotions. Vocal variation can help us emphasize a particular part of a message, which helps reinforce a word or sentence's meaning. For example, saying "How was your weekend?" conveys a different meaning than "How was your weekend?"

Nonverbal communication can substitute for verbal communication in a variety of ways. Nonverbal communication can convey much meaning when verbal communication isn't effective because of language barriers. Language barriers are present when a person hasn't yet learned to speak or loses the ability to speak. For example, babies who have not yet developed language skills make facial expressions, at a few months old, that are similar to those of adults and therefore can generate meaning.

People who have developed language skills but can't use them because they have temporarily or permanently lost them or because they are using incompatible language codes, like in some cross-cultural encounters, can still communicate nonverbally. Although it's always a good idea to learn some of the local language when you travel, gestures such as pointing or demonstrating the size or shape of something may suffice in basic interactions.

Nonverbal communication is also useful in a quiet situation where verbal communication would be disturbing; for example, you may use a gesture to signal to a friend that you're ready to leave the library. Crowded or loud places can also impede verbal communication and lead people to rely more on nonverbal messages. Getting a server or bartender's attention with a hand gesture is definitely more polite than yelling, "Hey you!" Finally, there are just times when we know it's better not to say something aloud. If you want to point out a person's unusual outfit or signal to a friend that you think his or her date is a loser, you're probably more likely to do that nonverbally.

Last, nonverbal communication can convey meaning by *contradicting verbal communication*. As we learned earlier, we often perceive nonverbal communication to be more credible than verbal communication. This is especially true when we receive mixed messages, or messages in which verbal and nonverbal signals contradict each other. For example, a person may say, "You can't do anything right!" in a mean tone but follow that up with a wink, which could indicate the person is teasing or joking. Mixed messages lead to uncertainty and confusion on the part of receivers, which leads us to look for more information to try to determine which message is more credible. If we are unable to resolve the discrepancy, we are likely to react negatively and potentially withdraw from the interaction. Persistent

mixed messages can lead to relational distress and hurt a person's credibility in professional settings.

Nonverbal Communication Influences Others

Nonverbal communication can be used to influence people in a variety of ways, but the most common way is through deception. Deception is typically thought of as the intentional act of altering information to influence another person, which means that it extends beyond lying to include concealing, omitting, or exaggerating information. While verbal communication is to blame for the content of the deception, nonverbal communication partners with the language through deceptive acts to be more convincing. Since most of us intuitively believe that nonverbal communication is more credible than verbal communication, we often intentionally try to control our nonverbal communication when we are engaging in deception. Likewise, we try to evaluate other people's nonverbal communication to determine the veracity of their messages. Students initially seem surprised when we discuss the prevalence of deception, but their surprise diminishes once they realize that deception isn't always malevolent, mean, or hurtful. Deception obviously has negative connotations, but people engage in deception for many reasons, including to excuse their own mistakes, to be polite to others, or to influence others' behaviors or perceptions.

The fact that deception served an important evolutionary purpose helps explain its prevalence among humans today. Species that are capable of deception have a higher survival rate. Other animals engage in nonverbal deception that helps them attract mates, hide from predators, and trap prey. To put it bluntly, *the better at deception a creature is, the more likely it is to survive*. So, over time, the humans that were better liars were the ones that got their genes passed on. But the fact that lying played a part in our survival as a species doesn't give us a license to lie.

Aside from deception, we can use nonverbal communication to "take the edge off" a critical or unpleasant message in an attempt to influence the reaction of the other person. We can also use eye contact and proximity to get someone to move or leave an area. For example, hungry diners waiting to snag a first-come-first-serve table in a crowded restaurant send messages to the people who have already eaten and paid that it's time to go. People on

competition reality television shows like Survivor and Big Brother play what they've come to term a "social game." The social aspects of the game involve the manipulation of verbal and nonverbal cues to send strategic messages about oneself in an attempt to influence others. Nonverbal cues such as length of a conversational turn, volume, posture, touch, eye contact, and choices of clothing and accessories can become part of a player's social game strategy. Although reality television isn't a reflection of real life, people still engage in competition and strategically change their communication to influence others, making it important to be aware of how we nonverbally influence others and how they may try to influence us.

Nonverbal Communication Regulates Conversational Flow

Conversational interaction has been likened to a dance, where each person has to make moves and take turns without stepping on the other's toes. Nonverbal communication helps us regulate our conversations so we don't end up constantly interrupting each other or waiting in awkward silences between speaker turns. Pitch, which is a part of vocalics, helps us cue others into our conversational intentions. A rising pitch typically indicates a question and a falling pitch indicates the end of a thought or the end of a conversational turn. We can also use a falling pitch to indicate closure, which can be very useful at the end of a speech to signal to the audience that you are finished, which cues the applause and prevents an awkward silence that the speaker ends up filling with "That's it" or "Thank you." We also signal our turn is coming to an end by stopping hand gestures and shifting our eye contact to the person who we think will speak next. Conversely, we can "hold the floor" with nonverbal signals even when we're not exactly sure what we're going to say next. Repeating a hand gesture or using one or more verbal fillers can extend our turn even though we are not verbally communicating at the moment.

Nonverbal Communication Affects Relationships

To successfully relate to other people, we must possess some skill at encoding and decoding nonverbal communication. The nonverbal messages we send and receive influence our relationships in positive and negative ways and can work to bring people together or push them apart. Nonverbal communication in the form of tie signs, immediacy behaviors, and

expressions of emotion are just three of many examples that illustrate how nonverbal communication affects our relationships.

Tie signs are nonverbal cues that communicate intimacy and signal the connection between two people. These relational indicators can be objects such as wedding rings or tattoos that are symbolic of another person or the relationship, actions such as sharing the same drinking glass, or touch behaviors such as hand-holding. Touch behaviors are the most frequently studied tie signs and can communicate much about a relationship based on the area being touched, the length of time, and the intensity of the touch. Kisses and hugs, for example, are considered tie signs, but a kiss on the cheek is different from a kiss on the mouth and a full embrace is different from a half embrace. If you consider yourself a "people watcher," take note of the various tie signs you see people use and what they might say about the relationship.

Immediacy behaviors play a central role in bringing people together and have been identified by some scholars as the most important function of nonverbal communication. Immediacy behaviors are verbal and nonverbal behaviors that lessen the real or perceived physical and psychological distance between communicators and include things like smiling, nodding, making eye contact, and occasionally engaging in social, polite, or professional touch. Immediacy behaviors are a good way of creating rapport, or a friendly and positive connection between people. Skilled nonverbal communicators are more likely to be able to create rapport with others due to attention-getting expressiveness, warm initial greetings, and an ability to get "in tune" with others, which conveys empathy. These skills are important to help initiate and maintain relationships.

While verbal communication is our primary tool for solving problems and providing detailed instructions, nonverbal communication is our primary tool for communicating emotions. This makes sense when we remember that nonverbal communication emerged before verbal communication and was the channel through which we expressed anger, fear, and love for thousands of years of human history. Touch and facial expressions are two primary ways we express emotions nonverbally. Love is a primary emotion that we express nonverbally and that forms the basis of our close relationships. Although no single facial expression for love has been identified, it is

expressed through prolonged eye contact, close interpersonal distances, increased touch, and increased time spent together, among other things. Given many people's limited emotional vocabulary, nonverbal expressions of emotion are central to our relationships.

Nonverbal Communication Expresses Our Identities

Nonverbal communication expresses who we are. Our identities (the groups to which we belong, our cultures, our hobbies, and interests, etc.) are conveyed nonverbally through the way we set up our living and working spaces, the clothes we wear, the way we carry ourselves, and the accents and tones of our voices. Our physical bodies give others impressions about who we are, and some of these features are more under our control than others. Height, for example, has been shown to influence how people are treated and perceived in various contexts. Our level of attractiveness also influences our identities and how people perceive us. Although we can temporarily alter our height or looks—for example, with different shoes or different color contact lenses—we can only permanently alter these features using more invasive and costly measures such as cosmetic surgery. We have more control over some other aspects of nonverbal communication in terms of how we communicate our identities. For example, the way we carry and present ourselves through posture, eye contact, and tone of voice can be altered to present ourselves as warm or distant depending on the context.

Aside from our physical body, *artifacts*, which are the objects and possessions that surround us, also communicate our identities. Examples of artifacts include our clothes, jewelry, and space decorations. In all the previous examples, implicit norms or explicit rules can affect how we nonverbally present ourselves. For example, in a particular workplace, it may be a norm (implicit) for people in management positions to dress casually, or it may be a rule (explicit) that different levels of employees wear different uniforms or follow particular dress codes. We can also use nonverbal communication to express identity characteristics that do not match up with who we actually think we are. Through changes to nonverbal signals, a capable person can try to appear helpless, a guilty person can try to appear innocent, or an uninformed person can try to appear credible.

Types of Nonverbal Communication

Just as verbal language is broken up into various categories, there are also different types of nonverbal communication. As we learn about each type of nonverbal signal, remember that nonverbals often work in concert with each other, combining to repeat, modify, or contradict the verbal message being sent.

Kinesics

Kinesics comes from the root word kinesis, which means "movement" and refers to the study of hand, arm, body, and face movements. Specifically, this section will outline the use of gestures, head movements and posture, eye contact, and facial expressions as nonverbal communication.

Gestures

There are three main types of *gestures*: adaptors, emblems, and illustrators. Adaptors are touching behaviors and movements that indicate internal states typically related to arousal or anxiety. Adaptors can be targeted toward the self, objects, or others. In regular social situations, adaptors result from uneasiness, anxiety, or a general sense that we are not in control of our surroundings. Many of us subconsciously click pens, shake our legs, or engage in other adaptors during classes, meetings, or while waiting as a way to do something with our excess energy. Public speaking students who watch video recordings of their speeches notice nonverbal adaptors that they didn't know they used. In public speaking situations, people most commonly use self- or object-focused adaptors. Common self-touching behaviors like scratching, twirling hair, or fidgeting with fingers or hands are considered self-adaptors. Some self-adaptors manifest internally, like coughs or throat-clearing sounds.

My personal weakness is object adaptors. Specifically, I subconsciously gravitate toward metallic objects like paper clips or staples holding my notes together and catch myself bending them or fidgeting with them while I'm speaking. Other people play with dry-erase markers, their note cards, the change in their pockets, or the lectern while speaking. Use of object adaptors

can also signal boredom as people play with the straw in their drink or peel the label off a bottle of beer. Smartphones have become common object adaptors, as people can fiddle with their phones to help ease anxiety. Finally, as noted, other adaptors are more common in social situations than in public speaking situations given the speaker's distance from audience members. Other adaptors involve adjusting or grooming others, similar to how primates like chimpanzees pick things off each other. It would definitely be strange for a speaker to approach an audience member and pick lint off his or her sweater, fix a crooked tie, tuck a tag in, or pat down a flyaway hair in the middle of a speech.

Emblems are gestures that have a specific agreed-on meaning. These are still different from the signs used by hearing-impaired people or others who communicate using American Sign Language (ASL). Even though they have a generally agreed-on meaning, they are not part of a formal sign system like ASL that is explicitly taught to a group of people. A hitchhiker's raised thumb, the "OK" sign with thumb and index finger connected in a circle with the other three fingers sticking up, and the raised middle finger are all examples of emblems that have an agreed-on meaning or meanings with a culture. Emblems can be still or in motion; for example, circling the index finger around at the side of your head says "He or she is crazy," or rolling your hands over and over in front of you says "Move on."

Illustrators are the most common type of gesture and are used to illustrate the verbal message they accompany. For example, you might use hand gestures to indicate the size or shape of an object. Unlike emblems, illustrators do not typically have meaning on their own and are used more subconsciously than emblems. These largely involuntary and seemingly natural gestures flow from us as we speak but vary in terms of intensity and frequency based on context. Although we are never explicitly taught how to use illustrative gestures, we do it automatically. Think about how you still gesture when having an animated conversation on the phone even though the other person can't see you.

Head Movements and Posture

I group head movements and posture together because they are often both used to acknowledge others and communicate interest or attentiveness. In

terms of head movements, a head nod is a universal sign of acknowledgment in cultures where the formal bow is no longer used as a greeting. In these cases, the head nod essentially serves as an abbreviated bow. An innate and universal head movement is the head shake back and forth to signal "no." This nonverbal signal begins at birth, even before a baby has the ability to know that it has a corresponding meaning. Babies shake their heads from side to side to reject their mother's breast and later shake their head to reject attempts to spoon-feed.

Eye Contact

We also communicate through eye behaviors, primarily eye contact. While eye behaviors are often studied under the category of kinesics, they have their own branch of nonverbal studies called oculesics, which comes from the Latin word oculus, meaning "eye." The face and eyes are the main points of focus during communication, and along with our ears, our eyes take in most of the communicative information around us. The proverb "The eyes are the window to the soul" is actually accurate in terms of where people typically think others are "located," which is right behind the eyes. Certain eye behaviors have become tied to personality traits or emotional states, as illustrated in phrases like "hungry eyes," "evil eyes," and "bedroom eyes." To better understand oculesics, we will discuss the characteristics and functions of eye contact and pupil dilation.

Eye contact serves several communicative functions ranging from regulating interaction to monitoring interaction to conveying information, to establishing connections. In terms of regulating communication, we use eye contact to signal to others that we are ready to speak or we use it to cue others to speak. I'm sure we've all been in that awkward situation where a teacher asks a question, no one else offers a response, and he or she looks directly at us as if to say, "What do you think?" In that case, the teacher's eye contact is used to cue us to respond. During an interaction, eye contact also changes as we shift from speaker to listener. US Americans typically shift eye contact while speaking—looking away from the listener and then looking back at his or her face every few seconds. Toward the end of our speaking turn, we make more direct eye contact with our listener to indicate that we are finishing up. While listening, we tend to make more sustained eye contact, not glancing away as regularly as we do while speaking.

Aside from regulating conversations, eye contact is also used to monitor interaction by taking in feedback and other nonverbal cues and to send information. Our eyes bring in the visual information we need to interpret people's movements, gestures, and eye contact. A speaker can use his or her eye contact to determine if an audience is engaged, confused, or bored and then adapt his or her message accordingly. Our eyes also send information to others. People know not to interrupt when we are in deep thought because we naturally look away from others when we are processing information. Making eye contact with others also communicates that we are paying attention and are interested in what another person is saying.

Facial Expressions

Our faces are the most expressive part of our bodies. Think of how photos are often intended to capture a particular expression "in a flash" to preserve for later viewing. Even though a photo is a snapshot in time, we can still interpret much meaning from a human face caught in a moment of expression, and basic facial expressions are recognizable by humans all over the world. Much research has supported the universality of a core group of facial expressions: happiness, sadness, fear, anger, and disgust. The first four are especially identifiable across cultures. However, the triggers for these expressions and the cultural and social norms that influence their displays are still culturally diverse. If you've spent much time with babies you know that they're capable of expressing all these emotions. Getting to see the pure and innate expressions of joy and surprise on a baby's face is what makes playing peek-a-boo so entertaining for adults. As we get older, we learn and begin to follow display rules for facial expressions and other signals of emotion and also learn to better control our emotional expression based on the norms of our culture.

Smiles are powerful communicative signals and, as you'll recall, are a key immediacy behavior. Although facial expressions are typically viewed as innate and several are universally recognizable, they are not always connected to an emotional or internal biological stimulus; they can actually serve a more social purpose. For example, most of the smiles we produce are primarily made for others and are not just an involuntary reflection of an internal emotional state. These social smiles, however, are slightly but perceptibly different from more genuine smiles. People generally perceive

smiles as more genuine when the other person smiles "with their eyes." This particular type of smile is difficult if not impossible to fake because the muscles around the eye that are activated when we spontaneously or genuinely smile are not under our voluntary control. It is the involuntary and spontaneous contraction of these muscles that moves the skin around our cheeks, eyes, and nose to create a smile that's distinct from a fake or polite smile.

Haptics

Think of how touch has the power to comfort someone in a moment of sorrow when words alone cannot. This positive power of touch is countered by the potential for touch to be threatening because of its connection to sex and violence. To learn about the power of a touch, we turn to *haptics*, which refers to the study of communication by touch. We probably get more explicit advice and instruction on how to use touch than any other form of nonverbal communication. A lack of nonverbal communication competence related to touch could have negative communication consequences; for example, if we don't follow the advice we've been given about the importance of a firm handshake, a person might make negative judgments about our confidence or credibility. A lack of competence could have more dire negative consequences, including legal punishment if we touch someone inappropriately (intentionally or unintentionally). Touch is necessary for human social development, and it can be welcoming, threatening, or persuasive. Research projects have found that students evaluated a library and its staff more favorably if the librarian briefly touched the patron while returning his or her library card, that female restaurant servers received larger tips when they touched patrons, and that people were more likely to sign a petition when the petitioner touched them during their interaction.

There are several types of touch, including functional-professional, social-polite, friendship-warmth, love-intimacy, and sexual-arousal touch. At the functional-professional level, touch is related to a goal or part of a routine professional interaction, which makes it less threatening and more expected. For example, we let barbers, hairstylists, doctors, nurses, tattoo artists, and security screeners touch us in ways that would otherwise be seen as intimate or inappropriate if not in a professional context. At the social-polite level,

socially sanctioned touching behaviors help initiate interactions and show that others are included and respected. A handshake, a pat on the arm, and a pat on the shoulder are examples of social-polite touching. A handshake is actually an abbreviated hand-holding gesture, but we know that prolonged hand-holding would be considered too intimate and therefore inappropriate at the functional-professional or social-polite level. At the functional-professional and social-polite levels, touch still has communication implications. The touch, although professional and not intimate, between hair stylist and client, or between nurse and patient, has the potential to be therapeutic and comforting. In addition, a social-polite touch exchange plays into initial impression formation, which can have important implications for how interactions and relationships unfold.

Of course, touch is also important at more intimate levels. At the friendship-warmth level, touch is more important and more ambiguous than at the social-polite level. At this level, touch interactions are important because they serve a relational maintenance purpose and communicate closeness, liking, care, and concern. The types of touching at this level also vary greatly from more formal and ritualized to more intimate, which means friends must sometimes negotiate their own comfort level with various types of touch and may encounter some ambiguity if their preferences don't match up with their relational partner's. In a friendship, for example, too much touch can signal sexual or romantic interest, and too little touch can signal distance or unfriendliness. At the love-intimacy level, touch is more personal and is typically only exchanged between significant others, such as best friends, close family members, and romantic partners. Touching faces, holding hands, and full-frontal embraces are examples of touch at this level. Although this level of touch is not sexual, it does enhance feelings of closeness and intimacy and can lead to sexual-arousal touch, which is the most intimate form of touch, as it is intended to physically stimulate another person.

Touch is also used in many other contexts—for example, during play (e.g., arm wrestling), during physical conflict (e.g., slapping), and during conversations (e.g., to get someone's attention). We also inadvertently send messages through accidental touch (e.g., bumping into someone). One of my communication professors admitted that she enjoyed going to restaurants to observe "first-date behavior" and boasted that she could predict whether or not there was going to be a second date based on the couple's nonverbal

communication. What sort of touching behaviors would indicate a good or bad first date?

During a first date or less formal initial interactions, quick fleeting touches give an indication of interest. For example, a pat on the back is an abbreviated hug. In general, the presence or absence of touching cues us into people's emotions. So as the daters sit across from each other, one person may lightly tap the other's arm after he or she said something funny. If the daters are sitting side by side, one person may cross his or her legs and lean toward the other person so that each person's knees or feet occasionally touch. Touching behavior as a way to express feelings is often reciprocal. A light touch from one dater will be followed by a light touch from the other to indicate that the first touch was OK. While verbal communication could also be used to indicate romantic interest, many people feel too vulnerable at this early stage in a relationship to put something out there in words. If your date advances a touch and you are not interested, it is also unlikely that you will come right out and say, "Sorry, but I'm not really interested." Instead, due to common politeness rituals, you would be more likely to respond with other forms of nonverbal communication like scooting back, crossing your arms, or simply not acknowledging the touch.

I find hugging behavior particularly interesting, perhaps because of my experiences growing up in a very hug-friendly environment in the Southern United States and then living elsewhere where there are different norms. A hug can be obligatory, meaning that you do it because you feel like you have to, not because you want to. Even though you may think that this type of hug doesn't communicate emotions, it definitely does. A limp, weak, or retreating hug may communicate anger, ambivalence, or annoyance. Think of other types of hugs and how you hug different people. Some types of hugs are the crisscross hug, the neck-waist hug, and the engulfing hug. The crisscross hug is a rather typical hug where each person's arm is below or above the other person's arm. This hug is common among friends, romantic partners, and family members, and perhaps even coworkers. The neck-waist hug usually occurs in more intimate relationships as it involves one person's arms around the other's neck and the other person's arms around the other's waist. I think of this type of hug as the "slow-dance hug." The engulfing hug is similar to a bear hug in that one person completely wraps the arms around the other as

that person basically stands there. This hugging behavior usually occurs when someone is very excited and hugs the other person without warning.

Some other types of hugs are the "shake-first-then-tap hug" and the "back-slap hug." I observe that these hugs are most often between men. The shake-first-then-tap hug involves a modified hand-shake where the hands are joined more with the thumb and fingers than the palm and the elbows are bent so that the shake occurs between the two huggers' chests. The hug comes after the shake has been initiated with one arm going around the other person for usually just one tap, then a step back and release of the handshake. In this hugging behavior, the handshake that is maintained between the chests minimizes physical closeness and the intimacy that may be interpreted from the crisscross or engulfing hug where the majority of the huggers' torsos are touching. This move away from physical closeness likely stems from a US norm that restricts men's physical expression of affection due to homophobia or the worry of being perceived as gay. The slap hug is also a less physically intimate hug and involves a hug with one or both people slapping the other person's back repeatedly, often while talking to each other. I've seen this type of hug go on for many seconds and with varying degrees of force involved in the slap. When the slap is more of a tap, it is actually an indication that one person wants to let go. The video footage of then-president Bill Clinton hugging Monica Lewinsky that emerged as allegations that they had an affair were being investigated shows her holding on, while he was tapping from the beginning of the hug.

Vocalics

We learned earlier that paralanguage refers to the vocalized but nonverbal parts of a message. *Vocalics* is the study of paralanguage, which includes the vocal qualities that go along with verbal messages, such as pitch, volume, rate, vocal quality, and verbal fillers.

Pitch helps convey meaning, regulate conversational flow, and communicate the intensity of a message. Even babies recognize a sentence with a higher-pitched ending as a question. We also learn that greetings have a rising emphasis and farewells have falling emphasis. Of course, no one ever tells us these things explicitly; we learn them through observation and practice. We do not pick up on some more subtle and/or complex patterns of

paralanguage involving pitch until we are older. Children, for example, have a difficult time perceiving sarcasm, which is usually conveyed through paralinguistic characteristics like pitch and tone rather than the actual words being spoken. Adults with lower than average intelligence and children have difficulty reading sarcasm in another person's voice and instead may interpret literally what they say.

Paralanguage provides important context for the verbal content of speech. For example, volume helps communicate intensity. A louder voice is usually thought of as more intense, although a soft voice combined with a certain tone and facial expression can be just as intense. We typically adjust our volume based on our setting, the distance between people, and the relationship. In our age of computer-mediated communication, TYPING IN ALL CAPS is usually seen as offensive, as it is equated with yelling. A voice at a low volume or a whisper can be very appropriate when sending a covert message or flirting with a romantic partner, but it wouldn't enhance a person's credibility if used during a professional presentation.

Speaking rate refers to how fast or slow a person speaks and can lead others to form impressions about our emotional state, credibility, and intelligence. As with volume, variations in speaking rate can interfere with the ability of others to receive and understand verbal messages. A slow speaker could bore others and lead their attention to wander. A fast speaker may be difficult to follow, and fast delivery can actually distract from the message. Speaking a little faster than the normal 120–150 words a minute, however, can be beneficial, as people tend to find speakers whose rate is above average more credible and intelligent. When speaking at a faster-than-normal rate, it is important that a speaker is also clearly articulate and pronounces his or her words. Boomhauer, a character on the show King of the Hill, is an example of a speaker whose fast rate of speech combines with a lack of articulation and pronunciation to create a stream of words that only he can understand. A higher rate of speech combined with a pleasant tone of voice can also be beneficial for compliance gaining and can aid in persuasion.

Our tone of voice can be controlled somewhat with pitch, volume, and emphasis, but each voice has a distinct quality known as a vocal signature. Voices vary in terms of resonance, pitch, and tone, and some voices are more pleasing than others. People typically find pleasing voices that employ vocal

variety and are not monotone, are lower-pitched (particularly for males) and do not exhibit particular regional accents. Many people perceive nasal voices negatively and assign negative personality characteristics to them. Think about people who have very distinct voices. Whether they are a public figure like President Bill Clinton, a celebrity like Snooki from the Jersey Shore, or a fictional character like Peter Griffin from Family Guy, some people's voices stick with us and make a favorable or unfavorable impression.

Proxemics

Proxemics refers to the study of how space and distance influence communication. We only need to look at the ways in which space shows up in common metaphors to see that space, communication, and relationships are closely related. For example, when we are content with and attracted to someone, we say we are "close" to him or her. When we lose connection with someone, we may say he or she is "distant." In general, space influences how people communicate and behave. Smaller spaces with a higher density of people often lead to breaches of our personal space bubbles. If this is a setting in which this type of density is expected beforehand, like at a crowded concert or on a train during rush hour, then we make various communicative adjustments to manage the space issue. Unexpected breaches of personal space can lead to negative reactions, especially if we feel someone has violated our space voluntarily, meaning that a crowding situation didn't force them into our space. Additionally, research has shown that crowding can lead to criminal or delinquent behavior, known as a "mob mentality." To better understand how proxemics functions in nonverbal communication, we will more closely examine the proxemic distances associated with personal space and the concept of territoriality.

Proxemic Distances

We all have varying definitions of what our "personal space" is, and these definitions are contextual and depend on the situation and the relationship. Although our bubbles are invisible, people are socialized into the norms of personal space within their cultural group. Scholars have identified four zones for US Americans, which are public, social, personal, and intimate distance. The zones are more elliptical than circular, taking up more space in

our front, where our line of sight is, than at our side or back where we can't monitor what people are doing. You can see how these zones relate to each other and to the individual in Figure 1.2 "Proxemic Zones of Personal Space". Even within a particular zone, interactions may differ depending on whether someone is in the outer or inner part of the zone.

Public Space (12 Feet or More)

Public and social zones refer to the space four or more feet away from our body, and the communication that typically occurs in these zones is formal and not intimate. Public space starts about twelve feet from a person and extends out from there. This is the least personal of the four zones and would typically be used when a person is engaging in a formal speech and is removed from the audience to allow the audience to see or when a high-profile or powerful person like a celebrity or executive maintains such a distance as a sign of power or for safety and security reasons. In terms of regular interaction, we are often not obligated or expected to acknowledge or interact with people who enter our public zone. It would be difficult to have a deep conversation with someone at this level because you have to speak louder and don't have the physical closeness that is often needed to promote emotional closeness and/or establish rapport.

Social Space (4–12 Feet)

Communication that occurs in the social zone, which is four to twelve feet away from our body, is typically in the context of professional or casual interaction, but not intimate or public. This distance is preferred in many professional settings because it reduces the suspicion of any impropriety. The expression "keep someone at an arm's length" means that someone is kept out of the personal space and kept in the social/professional space. If two people held up their arms and stood so just the tips of their fingers were touching, they would be around four feet away from each other, which is perceived as a safe distance because the possibility for intentional or unintentional touching doesn't exist. It is also possible to have people in the outer portion of our social zone but not feel obligated to interact with them, but when people come much closer than six feet to us than we often feel obligated to at least acknowledge their presence. In many typically sized classrooms, much of your audience for a speech will actually be in your

social zone rather than your public zone, which is actually beneficial because it helps you establish a better connection with them. Students in large lecture classes should consider sitting within the social zone of the professor, since students who sit within this zone are more likely to be remembered by the professor, be acknowledged in class, and retain more information because they are close enough to take in important nonverbal and visual cues. Students who talk to me after class typically stand about four to five feet away when they speak to me, which keeps them in the outer part of the social zone, typical for professional interactions. When students have more personal information to discuss, they will come closer, which brings them into the inner part of the social zone.

Personal Space (1.5–4 Feet)

Personal and intimate zones refer to the space that starts at our physical body and extends four feet. These zones are reserved for friends, close acquaintances, and significant others. Much of our communication occurs in the personal zone, which is what we typically think of as our "personal space bubble" and extends from 1.5 feet to 4 feet away from our body. Even though we are getting closer to the physical body of another person, we may use verbal communication at this point to signal that our presence in this zone is friendly and not intimate. Even people who know each other could be uncomfortable spending too much time in this zone unnecessarily. This zone is broken up into two subzones, which helps us negotiate close interactions with people we may not be close to interpersonal. The outer-personal zone extends from 2.5 feet to 4 feet and is useful for conversations that need to be private but that occur between people who are not interpersonally close. This zone allows for relatively intimate communication but doesn't convey the intimacy that a closer distance would, which can be beneficial in professional settings. The inner-personal zone extends from 1.5 feet to 2.5 feet and is a space reserved for communication with people we are interpersonally close to or trying to get to know. In this subzone, we can easily touch the other person as we talk to them, briefly placing a hand on his or her arm or engaging in another light social touching that facilitates conversation, self-disclosure, and feelings of closeness.

Intimate Space

As we breach the invisible line that is 1.5 feet from our body, we enter the intimate zone, which is reserved for only the closest friends, family, and romantic/intimate partners. It is impossible to completely ignore people when they are in this space, even if we are trying to pretend that we're ignoring them. A breach of this space can be comforting in some contexts and annoying or frightening in others. We need regular human contact that isn't just verbal but also physical. We have already discussed the importance of touch in nonverbal communication, and for that much-needed touch to occur, people have to enter our intimate space. Being close to someone and feeling their physical presence can be very comforting when words fail. There are also social norms regarding the amount of this type of closeness that can be displayed in public, as some people get uncomfortable even seeing others interacting in the intimate zone. While some people are comfortable engaging in or watching others engage in PDAs (public displays of affection) others are not.

So what happens when our space is violated? Although these zones are well established in research for personal space preferences of US Americans, individuals vary in terms of their reactions to people entering certain zones, and determining what constitutes a "violation" of space is subjective and contextual. For example, another person's presence in our social or public zones doesn't typically arouse suspicion or negative physical or communicative reactions, but it could in some situations or with certain people. However, many situations lead to our personal and intimate space being breached by others against our will, and these breaches are more likely to be upsetting, even when they are expected. We've all had to get into a crowded elevator or wait in a long line. In such situations, we may rely on some verbal communication to reduce immediacy and indicate that we are not interested in closeness and are aware that a breach has occurred. People make comments about the crowd, saying, "We're really packed in here like sardines," or use humor to indicate that they are pleasant and well adjusted and uncomfortable with the breach like any "normal" person would be. Interestingly, as we will learn in our discussion of territoriality, we do not often use verbal communication to defend our personal space during regular interactions. Instead, we rely on more nonverbal communication like

moving, crossing our arms, or avoiding eye contact to deal with breaches of space.

Territoriality

Territoriality is an innate drive to take up and defend spaces. This drive is shared by many creatures and entities, ranging from packs of animals to individual humans to nations. Whether it's gang territory, a neighborhood claimed by a particular salesperson, your preferred place to sit in a restaurant, your usual desk in the classroom, or the seat you've marked to save while getting concessions at a sporting event, we claim certain spaces as our own. There are three main divisions for territory: primary, secondary, and public. Sometimes our claim to a space is official. These spaces are known as our primary territories because they are marked or understood to be exclusively ours and under our control. A person's house, yard, room, desk, side of the bed, or shelf in the medicine cabinet could be considered primary territories.

Secondary territories don't belong to us and aren't exclusively under our control, but they are associated with us, which may lead us to assume that the space will be open and available to us when we need it without us taking any further steps to reserve it. This happens in classrooms regularly. Students often sit in the same desk or at least the same general area as they did on the first day of class. There may be some small adjustments during the first couple of weeks, but by a month into the semester, I don't notice students moving much voluntarily. When someone else takes a student's regular desk, she or he is typically annoyed. I do classroom observations for the graduate teaching assistants I supervise, which means I come into the classroom toward the middle of the semester and take a seat in the back to evaluate the class session. Although I don't intend to take someone's seat, on more than one occasion, I've been met by the confused or even glaring eyes of a student whose routine is suddenly interrupted when they see me sitting in "their seat."

Public territories are open to all people. People are allowed to mark public territory and use it for a limited period of time, but space is often up for grabs, which makes public space difficult to manage for some people and can lead to conflict. To avoid this type of situation, people use a variety of objects that

are typically recognized by others as nonverbal cues that mark a place as temporarily reserved—for example, jackets, bags, papers, or a drink. There is some ambiguity in the use of markers, though. A half-empty cup of coffee may be seen as trash and thrown away, which would be an annoying surprise to a person who left it to mark his or her table while visiting the restroom. One scholar's informal observations revealed that a full drink sitting on a table could reserve a space in a university cafeteria for more than an hour, but a cup only half full usually only worked as a marker of territory for less than ten minutes. People have to decide how much value they want their marker to have. Obviously, leaving a laptop on a table indicates that the table is occupied, but it could also lead to the laptop getting stolen. A pencil, on the other hand, could just be moved out of the way and the space usurped.

Chronemics

Chronemics refers to the study of how time affects communication. Time can be classified into several different categories, including biological, personal, physical, and cultural time. Biological time refers to the rhythms of living things. Humans follow a circadian rhythm, meaning that we are on a daily cycle that influences when we eat, sleep, and wake. When our natural rhythms are disturbed by all-nighters, jet lag, or other scheduling abnormalities, our physical and mental health and our communication competence and personal relationships can suffer. Keep biological time in mind as you communicate with others. Remember that early morning conversations and speeches may require more preparation to get yourself awake enough to communicate well and a more patient or energetic delivery to accommodate others who may still be getting warmed up for their day.

Personal time refers to the ways in which individuals experience time. The way we experience time varies based on our mood, our interest level, and other factors. Think about how quickly time passes when you are interested in and therefore engaged in something. I have taught fifty-minute classes that seemed to drag on forever and three-hour classes that zipped by. Individuals also vary based on whether or not they are future or past-oriented. People with past-time orientations may want to reminisce about the past, reunite with old friends, and put considerable time into preserving memories and keepsakes in scrapbooks and photo albums. People with future-time

orientations may spend the same amount of time making career and personal plans, writing out to-do lists or researching future vacations, potential retirement spots, or what book they're going to read next.

Physical time refers to the fixed cycles of days, years, and seasons. Physical time, especially seasons, can affect our mood and psychological states. Some people experience seasonal affective disorder that leads them to experience emotional distress and anxiety during the changes of seasons, primarily from warm and bright to dark and cold (summer to fall and winter).

Cultural time refers to how a large group of people views time. *Polychronic* people do not view time as a linear progression that needs to be divided into small units and scheduled in advance. Polychronic people keep more flexible schedules and may engage in several activities at once. *Monochronic* people tend to schedule their time more rigidly and do one thing at a time. A polychronic or monochronic orientation to time influences our social realities and how we interact with others.

Additionally, the way we use time depends in some ways on our status. For example, doctors can make their patients wait for extended periods, and executives and celebrities may run consistently behind schedule, making others wait for them. Promptness and the amount of time that is socially acceptable for lateness and waiting varies among individuals and contexts. Chronemics also covers the amount of time we spend talking. We've already learned that conversational turns and turn-taking patterns are influenced by social norms and help our conversations progress. We all know how annoying it can be when a person dominates a conversation or when we can't get a person to contribute anything.

Kinesics

The following guidelines may help you more effectively encode nonverbal messages sent using your hands, arms, body, and face.

Gestures

- Illustrators make our verbal communication more engaging. I recommend that people doing phone interviews or speaking on the

radio make an effort to gesture as they speak, even though people can't see the gestures, because it will make their words sound more engaging.
- Remember that adaptors can hurt your credibility in more formal or serious interactions. Figure out what your common adaptors are and monitor them so you can avoid creating unfavorable impressions.
- Gestures send messages about your emotional state. Since many gestures are spontaneous or subconscious, it is important to raise your awareness of them and monitor them. Be aware that clenched hands may signal aggression or anger, nail-biting or fidgeting may signal nervousness, and finger tapping may signal boredom.

Eye Contact

- Eye contact is useful for initiating and regulating conversations. To make sure someone is available for interaction and to avoid being perceived as rude, it is usually a good idea to "catch their eye" before you start talking to them.
- Avoiding eye contact or shifting your eye contact from place to place can lead others to think you are being deceptive or inattentive. Minimize distractions by moving a clock, closing a door, or closing window blinds to help minimize distractions that may lure your eye contact away.
- Although avoiding eye contact can be perceived as a sign of disinterest, low confidence, or negative emotionality, eye contact avoidance can be used positively as a face-saving strategy. The notion of civil inattention refers to a social norm that leads us to avoid making eye contact with people in situations that deviate from expected social norms, such as witnessing someone fall or being in close proximity to a stranger expressing negative emotions (like crying). We also use civil inattention when we avoid making eye contact with others in crowded spaces.

Facial Expressions

- You can use facial expressions to manage your expressions of emotions to intensify what you're feeling, to diminish what you're feeling, to

cover up what you're feeling, to express a different emotion than you're feeling, or to simulate an emotion that you're not feeling.
- Be aware of the power of emotional contagion, or the spread of emotion from one person to another. Since facial expressions are key for emotional communication, you may be able to strategically use your facial expressions to cheer someone up, lighten a mood, or create a more serious and somber tone.
- Smiles are especially powerful as an immediacy behavior and a rapport-building tool. Smiles can also help to disarm a potentially hostile person or deescalate conflict. When I have a problem or complain in a customer service situation, I always make sure to smile at the clerk, manager, or other people before I begin talking to help minimize my own annoyance and set a more positive tone for the interaction.

Haptics

The following guidelines may help you more effectively encode nonverbal signals using touch:

- Remember that culture, status, gender, age, and setting influence how we send and interpret touch messages.
- In professional and social settings, it is generally OK to touch others on the arm or shoulder. Although we touch others on the arm or shoulder with our hands, it is often too intimate to touch our hand to another person's hand in a professional or social/casual setting.

These are types of touch to avoid:

- Avoid touching strangers unless being introduced or offering assistance.
- Avoid hurtful touches and apologize if they occur, even if accidentally.
- Avoid startling/surprising another person with your touch.
- Avoid interrupting touches such as hugging someone while they are talking to someone else.
- Avoid moving people out of the way with only touch—pair your touch with a verbal message like "excuse me."
- Avoid overly aggressive touch, especially when disguised as playful touch (e.g., horseplay taken too far).

- Avoid combining touch with negative criticism; a hand on the shoulder during a critical statement can increase a person's defensiveness and seem condescending or aggressive.

Vocalics

The following guidelines may help you more effectively encode nonverbal signals using paralanguage.

- Verbal fillers are often used subconsciously and can negatively affect your credibility and reduce the clarity of your message when speaking in more formal situations. In fact, verbal fluency is one of the strongest predictors of persuasiveness. Becoming a higher self-monitor can help you notice your use of verbal fillers and begin to eliminate them. Beginner speakers can often reduce their use of verbal fillers noticeably over just a short period of time.
- Vocal variety increases listener and speaker engagement, understanding, information recall, and motivation. So having a more expressive voice that varies appropriately in terms of rate, pitch, and volume can help you achieve communication goals related to maintaining attention, effectively conveying information, and getting others to act in a particular way.

Proxemics

The following may help you more effectively encode nonverbal signals related to interpersonal distances.

- When breaches of personal space occur, it is a social norm to make nonverbal adjustments such as lowering our level of immediacy, changing our body orientations, and using objects to separate ourselves from others. To reduce immediacy, we engage in civil inattention and reduce the amount of eye contact we make with others. We also shift the front of our body away from others since it has most of our sensory inputs and also allows access to body parts that are considered vulnerable, such as the stomach, face, and genitals. When we can't shift our bodies, we often use coats, bags, books, or our hands to physically separate or block off the front of our bodies from others.

- Although pets and children are often granted more leeway to breach other people's space, since they are still learning social norms and rules, as a pet owner, parent, or temporary caretaker, be aware of this possibility and try to prevent such breaches or correct them when they occur.

Chronemics

The following guideline may help you more effectively encode nonverbal signals related to time.

- In terms of talk time and turn-taking, research shows that people who take a little longer with their turn, holding the floor slightly longer than normal, are actually seen as more credible than people who talk too much or too little.
- Our lateness or promptness can send messages about our professionalism, dependability, or other personality traits. Formal time usually applies to professional situations in which we are expected to be on time or even a few minutes early. You generally wouldn't want to be late for work, a job interview, a medical appointment, and so on. Informal time applies to casual and interpersonal situations in which there is much more variation in terms of expectations for promptness. For example, when I lived in a large city, people often arrived at dinner parties or other social gatherings about thirty minutes after the announced time, given the possibility of interference by heavy traffic or people's hectic schedules. Now that I live in a smaller town in the Midwest, I've learned that people are expected to arrive at or close to the announced time. For most social meetings with one other person or a small group, you can be five minutes late without having to offer much of an apology or explanation. For larger social gatherings you can usually be fifteen minutes late as long as your late arrival doesn't interfere with the host's plans or preparations.
- Quality time is an important part of interpersonal relationships, and sometimes time has to be budgeted so that it can be saved and spent with certain people or on certain occasions—like date nights for couples or family time for parents and children or other relatives.