

# NONVERBAL COMMUNICATION ORIGINS

### LEARNING OBJECTIVES

#### After reading this chapter you will be able to do the following:

- Explain types of nonverbal primacy
- Compare models of communication
- Define nonverbal communication
- Understand the impact of channel on messaging

Mika wasn't thrilled about attending a friend's start-of-semester get-together, but his new roommate dragged him along to the location a few blocks from campus. Mika didn't know most of the attendees and wasn't particularly motivated to meet someone new, so he spent a lot of time looking at memes on his mobile device or pretending to take a few phone calls. After someone spilled a drink on his shoes for what must have been the third time, Mika decided to call it a night and head home. Just as he was headed toward the door, he locked eyes with the most attractive person he had ever seen. After feeling frozen for what seemed like an eternity, he nodded his head and gave a shy smile right as the other person started to turn away. Resigned to leave again, he suddenly saw a smile in response out of the corner of his eye. Mika decided to stick around and give the evening another chance as he switched his phone to airplane mode and ran his fingers through his hair.

From the first impressions that we form about one another to the lifelong social interactions that shape and guide our lives, communication is the primary social process. Without communication, it would prove nearly impossible to navigate our daily lives. Communication allows us to signal a variety of things to one another, from letting our caregivers know we are hungry to warning each other about dangerous predators. Indeed, most living creatures engage in some form of communication, from the ants

#### **GUIDING QUESTIONS**

What kinds of messages help form a first impression in a context like the one above? How do nonverbal signals impact our social experiences?

#### 4 Nonverbal Communication

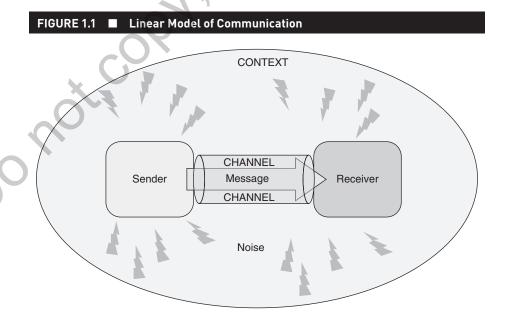
marking a trail toward a picnic basket, to the pride of lions using a sophisticated group hunting strategy to avoid starvation. Communication allows groups of creatures—both human and nonhuman—to navigate a complex environment that otherwise may be difficult to survive on one's own.<sup>2</sup> Human communication includes the most complicated forms of messaging, as humans use systems of established rule-driven strategies to send messages among themselves for a variety of reasons. Just as we read in the story of Mika above, messaging can be subtle; from indicating interest to avoiding interaction, a variety of verbal and nonverbal messages help us to move throughout our social world.

## MODELS OF COMMUNICATION

When considering how humans send messages to one another, it is first helpful to ensure that everyone has a similar shared understanding of the basic models of communication. In order to establish a shared vocabulary about the process of communication, we begin with the linear model of communication, which focuses on the transmission of messages to an audience. Then, we will expand that model to include a more transactional understanding of human interaction.

#### **Linear Model of Communication**

Over 70 years ago, scholars Shannon and Weaver came up with a model of communication messaging that is still one of the most widely known models of communication today.<sup>3</sup> As can be seen in Figure 1.1, this **linear model of communication** focuses on the transmission of a verbal or nonverbal **message** to another person or persons. Because of that focus on one-way transmissions, the linear



model starts with the person who originates the message, called the **sender**. The sender begins the process of **encoding**, converting his or her thoughts into a specific message that he or she hopes an audience will understand. By sending that message through one or more **channels**, or ways of transmitting a message like a phone call or a written document or even a gesture, he or she can convey that message directly to the target person, also known as the **receiver**. Once the receiver has heard or seen the message, he or she then begins **decoding** the meaning from the message and trying to understand the intent of the sender. When Cheance receives a text "*Starving! Must eat now LOL*" from her new girlfriend Annabelle, as the receiver she needs to decode the message in an attempt to try to understand what Annabelle's intent was; are they canceling their later reservation and eating separately on their own, or are they getting together earlier than they had previously planned?

Although perhaps not a comprehensive model thus far, we now have a working set of vocabulary terms about messaging, as well as a basic understanding of how people send messages to one another. Still, the Shannon and Weaver model goes a couple steps further than this general approach, including in the model the concepts of context and noise. Context is defined as the setting in which communication occurs, not only the physical location but also the time and social situation wherein messaging happens. This context influences both the creation and the transmission of a message for a variety of reasons (i.e., influencing the sender's mood and even restricting the channels that they find available to them.) For example, Evan may be interested in sending a particularly funny meme to his best friend when he's in church on Sunday morning, but may not do so, in part because of the emotional experience that he's having or because of his inability to get to his cell phone without offending the other congregants around him. As such, that funny text may have to wait until later that day. That being said, if he looks across his church congregation and sees Ryan in another pew, he might find himself making a funny face or at least trying to catch his best friend's eye, despite being situated in a context that would suggest other more reverent behaviors. The concept of noise, on the other hand, describes any barrier to hearing or understanding that detracts from the successful transmission of a message.<sup>4</sup> Noise might be as simple as a physical sound that stops you from perceiving a message (e.g., physical noise), to a mental state that distracts someone from correctly understanding a message (e.g., psychological noise). In addition, noise could also be a receiver's phys-

ical state like hunger or sleepiness that interrupt his or her ability to decode a message (e.g., physiological noise), or even may include a situation where individuals don't understand these symbols that are being used in the message due to specific words or pronunciations (semantic noise). The more noise present in a communication context, the more difficult it will be for a receiver to successfully decode the message that a sender has encoded. Take a look at an example of one possible effect of noise in this chapter's Apply feature, next.



Stock.com/FatCamer

# **BOX 1.1** APPLY

#### IMPACTS OF NOISE ON A HOMECOMING CONVERSATION

Clarice and Sarah had been fighting for a long time. Not only had their mutual friends noticed the lack of respect that they had shown to one another at a variety of social events over the past year, but they often commented upon the disrespectful eye rolls and sighs that each exhibited when the other walked into the room or tried to join the conversation. Finally, Clarice decided that "enough was enough." At the homecoming football game, Clarice finally decided that she and Sarah needed to have a conversation to talk over their issues with one another. Right before the halftime show on their way to order food, Clarice dragged Sarah away from their mutual group of friends over to a patch of grass away from the snack bar. She started a long monologue about their friendship and how they used to be close, taking responsibility for her own contribution to the deterioration of their relationship. As they both sat side by side watching the marching band on the field, Clarice suddenly realized that Sarah didn't even know that Clarice was talking. With all the distractions on the field, combined with the sounds and the sights of the homecoming festivities, Sarah was just enjoying the evening breeze, oblivious to the relational goals of Clarice. Discouraged, Clarice decided to stop talking and watch the halftime show herself, vowing to maybe try again some other time if she ever got an opportunity.

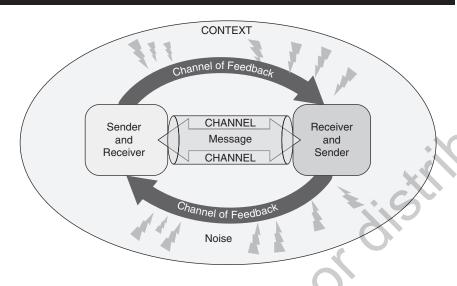
Even with the most detailed messaging plan, features of the context or of the relationship can impact our communication attempts. The ability of one person to effectively understand the message of another person is influenced by a variety of factors.

APPLY: Consider the features of the context in which Clarice and Sarah just interacted. What were all the individual types of noise that impacted the quality of this communication situation? What should Clarice try to avoid the next time that she wants to try to reach out to Sarah? How have you had noise disrupt your own attempts as messaging?

#### Transactional Model of Communication

The linear model of communication is a relatively decent way to think about how one person might send a message to someone else. That being said, most communication is perhaps not quite as one sided as this model may suggest. In most situations, people are sending messages at the same time to each other, with each person serving as both a sender and a receiver of messages throughout the interaction. The **transactional model of communication** better captures our understanding of that back-and-forth between people, as seen in Figure 1.2.<sup>5</sup> In this model, we are able to add in the concept of **feedback**, which is the verbal and nonverbal responses that someone gives in reaction to a message that they are receiving—a set of responses that influence future messaging. When Brooke and Adam were discussing restaurants in trying to decide where to have dinner, Adam's funny facial expressions helped her adapt her messaging on the fly; Adam's happy or sad faces each time that she suggested a different cuisine type or location helped her eventually decide that they should order some pizza and chill on the couch with a good movie.





Besides the addition of feedback, you'll notice that the transactional model of communication also goes beyond simple **unidirectional messaging**, or one-way messaging in which people take turns alternating between sender or receiver. Instead, this model highlights that people take on roles as both sender *and* receiver at the same time (e.g., **transactional messaging**), with messages and feedback being sent and received simultaneously throughout most communication interactions. When Derek got back from a campus retreat having decided that he wanted to pursue a calling to become a priest, he knew that it would involve some difficult conversations with people he cared about—most of all, his girlfriend Jae-Min. In the conversation, he tried to explain his reasons for breaking up with her, while at the same time expressing his love for her and managing the fact that he was causing her quite a bit of pain. For her own experience, Jae-Min was working hard to manage her own emotions about losing Derek, while also trying to keep alive the spark of hope that Derek seemed to express about his new ambitions. Both

Derek and Jae-Min sent verbal and nonverbal messages to one another, from their discussions of hope to their smiles, anger, and tears. As they have difficult conversations like these, couples are often able to manage and adapt their messaging to one another. The tone and manner of these messages can strongly impact how people interpret both nonverbal and verbal messages, as evidenced in the popular media highlighted in this chapter's Absorb feature.



iStock.com/slavemotion

# **BOX 1.2 ABSORB**

#### SARCASM ON POPULAR MEDIA

Jimmy Fallon is known for his character Sara on *The Tonight Show's* popular recurring bit, "Ew!" In the clip below, Sara's friend Addison (played by John Cena) drops by after a long absence, and the two friends reminisce and catch up about life.

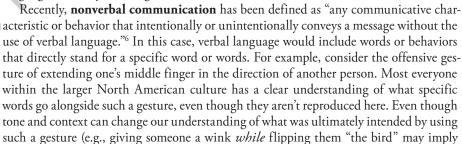
"'Ew!' with John Cena" from The Tonight Show with Jimmy Fallon. March 8, 2018. Running Time: 5:23. Available on YouTube.

Although ridiculous at times, the clip shows some great examples of how tone of voice and context can help clarify the meaning behind otherwise ambiguous phrases. Both Sara and Addison say the word "Ew!" quite frequently throughout the clip. A casual observer might first think that both Sara and Addison are exclaiming that everything is gross or disgusting, but after a while it becomes clear that Sara doesn't always have a negative view of everything that she says "Ew!" about.

ABSORB: How much does the meaning change for the word "Ew!" throughout the video clip? How many different meanings can you discover for the word as you watch the video? What are the different cues that you rely on to determine what Sara actually means, each time that she exclaims her trademark phrase?

# DEFINING NONVERBAL COMMUNICATION

The words that we use are very important. Indeed, the verbal content of the message (e.g., the **verbal communication**) can have critical impact on the people, places, and things with which we interact or engage. From a student ordering a burrito exactly how she wants, to an FBI agent negotiating a hostage situation, it is important to make sure the words that we use convey the messages that we hope they convey. At the same time, much of what we *don't* say is just as important; our gestures, facial expressions, tone of voice, and eye contact (among others) can all have a strong impact within an environment. In our example from the opening of the chapter, Mika didn't say a single word yet he knew that he had a chance to get to know an attractive party-goer, based on a series of unspoken messages. Those messages are considered nonverbal because they do not use language to convey meaning.



humor and friendship rather than animosity) the gesture itself is considered formal language (and is therefore verbal communication).

Another important point contained in the definition of nonverbal communication highlights the idea that nonverbal communication can be either intentional *or* unintentional, as shown in this chapter's Inspire feature. This is quite significant, because we are not always aware of our communicative behaviors when we send a message, oftentimes messaging others even when we don't intend to be doing so. Carl and Alysa were hanging out after class at the local campus coffee shop.



iStock.com/alvarez

When Alysa offered to pay for Carl's iced caramel macchiato, she had no idea that her shy smile was interpreted by Carl to be a form of flirting. At the end of the interaction, Alysa thought she had made a new platonic friend, while Carl had already begun picturing future romantic getaways together.

# **BOX 1.3 EXAMINE**

#### THE ETHICS OF UNINTENTIONAL COMMUNICATION

Have you ever accidentally hit reply-all to an e-mail when you meant to send a private message to just one person? Or have you responded to a text on a group chat when you meant to send a personal message to a friend? Sometimes, our messages reach a wider audience than we had originally intended.

That same type of accidental messaging occurs with nonverbal communication, but perhaps to an even greater extent. Maybe a crush was able to notice your blush at their accidental eye contact, or a parent saw the way you rolled their eyes when they didn't understand a technology that seems so simple to every single one of your peers. These messages can have a similar impact as those verbal messages at the start of this box. People may just as easily take note of the nonverbal messages that you hoped would never be seen.

Enrique loves his wife Kayla, and holds her in the highest regard. However, last week he caught

Kayla looking out the window at their neighbor Jake as he was doing some yard work shirtless. When Enrique called her out on it, Kayla joked that he shouldn't care if she ogled the neighbor, as he was too young for her anyway. Enrique noticed that she was trying to laugh it off, but she couldn't stop herself from blushing at being caught in her daydreams.

INSPIRE: What should people do when confronted with an unintended message? Do you think that you should be held responsible if one of your unintended nonverbal cues cause someone else to do something that gets them in trouble or hurts a relationship? We may want others to give us the benefit of the doubt when we express our feelings unintentionally through nonverbal cues; are we willing to do the same for those around us?

## WHY ISN'T ASL CONSIDERED NONVERBAL?

One common misconception about a class in nonverbal communication is that it is going to be a sign language class. Interestingly, sign languages in general—and American Sign Language (ASL) specifically—are actually considered verbal forms of communication.<sup>8</sup> ASL is a system of language that is communicated through gesture. Even though no words are audibly spoken, hand gestures and facial expressions combine to send specific and discrete language-based messages. Not all verbal messages are necessarily vocal/ auditory messages, as we can use verbal communication to visually send messages through the written word or through the interpretation of specific gestures used in sign language. These signs are considered verbal communication because each sign has a direct verbal meaning attached to the sign, one that is codified and made formal much in the same way that languages are formed and acquired throughout a culture. Indeed, when Sarah, who is deaf, tries to order food at a restaurant without using vocal sounds, she may try to point to items on the menu or mime certain types of food. If she is fortunate enough to find a restaurant that employs a server that uses ASL, she can simply sign the items that she wants, using for example the sign for taco—a chop of the blade of one hand into the folded palm of the other.

# NONVERBAL COMMUNICATION PRIMACY

One of the key reasons why nonverbal communication is so important to human interaction is that it has represented many important firsts for individuals, for interpersonal interactions, and even for the species as a whole. For this reason, we often describe nonverbal communication as having **primacy**. We typically pay attention to nonverbal messages first and foremost in an interaction. Juanito and Marieta are celebrating their fifth anniversary as a couple. After a great dinner and evening of salsa dancing, Juanito pulled a gift out of his jacket pocket, and presented it with a great flourish. Marieta's eyes lit up, and she smiled coyly as she said, "I thought we decided not to give each other gifts this year! You're terrible." After opening the envelope and discovering two tickets to a show by



her favorite musician, Marieta squealed and gave Juanito a kiss squarely on the lips. "I can't believe you did this, you monster!" she whispered, drawing him in for another kiss. Even though all of Marieta's words *should* have made Juanito think his gift was unwelcome, he knew he had made the right decision because he was paying attention to her nonverbal behaviors. The surprise and delight on her face, coupled with some passionate kissing for good measure, made it clear that Juanito had made this an anniversary to remember.

#### **Primacy of Species**

Over the course of human history, researchers have discovered that humans' early ancestors were not able to use verbal language. In fact, verbal language likely began with *homo sapiens*, although some scholars have noted that bone structures in Neanderthal may have allowed for complex sound to be vocalized. However, primates of all sorts are able to live in community and share the division of labor, including caring for children and sharing food that has been hunted or gathered. How did such interactions occur if verbal language wasn't a part of the lives of our early ancestors? Nonverbal communication like grunts or slight vocalizations were likely the early auditory forms of communication, and facial expressions or gestures may have been able to indicate important things like danger or submission or even the presence of spoiled meat. The idea that nonverbal communication came first over the course of our species' evolution is known as **phylogenetic primacy**, highlighting that our nonhuman ancestors had likely figured out social signaling before humans existed in our current form.

#### Primacy of Individual

Not only is nonverbal communication the earliest type of communication for our species, but also it's the earliest form of communication for each individual member of our species across the lifespan. The idea that nonverbal communication comes before any other form of communication in each individual experience is known as **ontogenetic primacy**. It's a pretty complicated phrase to describe a very simple concept: from the moment of birth, infants have to communicate with other humans nonverbally because they haven't yet acquired a verbal language system. Starting with those early moments of life, most infants can communicate their needs through crying and receive help from a caretaker in return. These infants receive love and affection without understanding or using formal language, and they are still able to communicate basic emotions (like contentedness) during those early interactions. Even the earliest experience of nursing allows for nonverbal communication to occur far before a verbal language system is required. For example, consider a child crying to indicate hunger to his mother. Assuming that child is being breast-fed, the mother will pick up the child and hold to her chest, the two will make eye contact,

and then even the grasping and kneading behaviors of the child are an early form of touch expression. Think about that one interaction and all that it entails: sound, touching, being touched, eye contact, and other forms of auditory communication and affection. Indeed, small children are often given positive affirmations for those early attempts at communicating despite not having learned a formal language.

To be sure, the vast majority of children do eventually develop a verbal communication system.<sup>13</sup> From learning what to ask for—or in some cases what



iStock.com/hadyny

to demand—children quickly learn that verbal language allows for greater specificity in achieving their goals. That being said, most young parents will acknowledge the greater urgency that is conveyed by nonverbal forms of expression like crying or a tantrum. Why does ontogenetic primacy matter within the human experience? It is, at its most basic, each person's earliest form of communication in their own lifespan. Whether you had a good upbringing or an unhappy early life, nonverbal communication is the way that you communicated throughout those earliest interactions.

#### Primacy of Interaction

Our ancestors used nonverbal messaging to communicate long before modern humans were around, and each individual human on this planet has explored their social world through nonverbal messaging long before any understanding of a verbal language system is developed. In addition to those forms of primacy, each time we interact with someone we exhibit a common form of primacy as we pay attention to their nonverbal behaviors before we consider any words that they might be using. This type of primacy is known as **interactional primacy**, and it highlights that our first impressions are often based on nonverbal characteristics and behaviors of another person. Consider the first day of an in-person class, perhaps your favorite class from high school (or even the class that you are in right now). From the moment your instructor walked into the room, you began to make decisions about them based solely upon the way they looked or acted, and also based on how it seemed that they treated the people around them. 14,15 Did you think they were going to be a difficult teacher, or relatively simple? Did they seem easy-going or harsh and severe? Did you think that the instructor was going to be a good one, or were you worried that it might be smarter to enroll in a section with a different instructor? Is the instructor likely to be funny, to be cranky, or to be serious? You probably paid attention to a wide variety of personal characteristics of the instructor in order to determine how you might best engage them over the course of the semester before they even had a chance to say a single word. In this chapter's Measure feature, we look at how this interactional primacy may influence our subsequent perceptions of a person.

# **BOX 1.4 MEASURE**

SELF-ASSESSMENTS AND FIRST IMPRESSIONS

Our briefest interactions with others often influence how we feel about them. At the slightest observation of someone else's behavior, we can make correct and incorrect guesses about a wide range of other personal characteristics.

Scholars have figured out some relationships between our initial perceptions of other people and the attitudes toward those people that result from our perceptions.<sup>16</sup> The following is a shortened and modified list of questions inspired by

some early research on first impressions and have not interacted significantly—perhaps the attitude formation. barista at the coffee shop on the corner or a new neighbor. Then, write the number (e.g., Instructions: Think carefully about someone 1 through 7) that best corresponds with your you just recently met, someone with whom you attitudes toward each statement Strongly Disagree Somewhat Undecided Somewhat Agree Disagree Disagree Agree is 6, while the highest score is 42. The higher 1. This person seems considerate of others. your score, the more likely your first impression of that person was influenced by an impression 2. I imagine that this person is of interpersonal warmth, or a belief that the highly intelligent. person would be pleasant and likely to be a good 3. I don't think this person friend. The lower your score, the more likely you evaluated that person as cold or unpleasant. seems humorless. 4. I would expect that this MEASURE: Are you surprised by your score of that person will do very well in life. other person? Was your impression of this relatively new person warmer or colder overall? Think about 5. I can't imagine it is likely that the things that person did or the ways that they this person is easily irritated. behaved that may have impacted your evaluation of 6. This person is probably quite them as a person. If your scoring of the other person popular. is low, what kinds of observed behaviors might you avoid in your own life? If your scoring of the other Add up your score and see what you get. The person is high, what positive characteristics do you lowest score you can receive on this assessment hope you incorporate into new interactions?

# NONVERBAL COMMUNICATION CHANNELS

These first impressions are made based upon a variety of different things that each person observes and evaluates. Indeed, nonverbal messages can come through almost any of our senses, from seeing a co-worker's facial expressions, feeling the affectionate touch of a best friend, smelling the cologne or perfume of a romantic partner, or hearing the heartbeat of a child during a long embrace. (Taste is the only sense through which we don't directly have a nonverbal code, and even then burgeoning research is looking at the area of how food and communication are intermixed. As such, some scholars even highlight taste as a way of communicating!) And to be sure, these are only the face-to-face channels of communication, not counting the range of nonverbal messages that can still be expressed in mediated ways.



Nonverbal communication also occurs across a variety of mediated channels, like phone conversations, text messages, e-mails, television and film, radio, Skype or FaceTime; the list is as long as the number of communication technologies that exist. In the written word through messaging like text messages and e-mails, emoticons and emojis—text-based images or graphics that replicate facial expressions or other visual cues—serve as proxies for nonverbal communication. On phone

conversations or on the radio, the vocal characteristics of the speaker, including the pauses between speaking. serve as nonverbal indicators which may contain information about the speaker's emotional state. Television and film contexts provide for a rich expression of nonverbal messages, but lose some of the interactivity of actual interaction. Skype, FaceTime, or other real-time video messaging services allow for a variety of real-time interactive nonverbal messages to be shared, but some scholars argue that they lack some of the important features of messages allowed through face-to-face interactions. <sup>18</sup> We explore the impact of channel selection in this chapter's Engage feature.

# **BOX 1.5 ENGAGE**

DIVERSE CHANNELS, DIVERSE CHOICES

Across the diversity of a modern society, it is very common to have regular interactions among people from different backgrounds who have new perspectives based on their everyday life. Brandi was excited to move to a university located deep in a city center, as her main life experiences before that point occurred in a suburban setting where everyone appeared relatively similar at first glance. Upon arriving for her second year of college after a summer working at a regional camp, Brandi reflected on the many different ways that she knew how to make friends and meet new people. While she was probably pretty popular at camp that summer—she didn't like to braq—Brandi had

a lot of difficulty getting to know her neighbors she encountered in the hall in her new downtown apartment building. She regularly tried to look people in the eye directly and extend her arm for a handshake, but she often found that she had been "left hanging" by her neighbors, whether intentionally or not.

Although Brandi quickly learned that not all of her neighbors relied primarily on face-to-face channels to navigate their daily lives, she did find it strange that so many of her neighbors had their faces buried in their phones or tablets and took little to no interest in her at all. After a conversation with one friendly long-term resident helped her realize that people valued privacy in

such a densely populated environment, Brandi realized that her own way of doing things was not always the most common—or even most desired—in every environment.

**ENGAGE:** What things might Brandi do that her classmates and new neighbors find to be

strange? Do you think Brandi will end up behaving similarly to those around her in a few years, or will she keep up her outgoing "suburban" ways? How have you managed your relationships across a variety of channels as you transitioned to college life?

#### **Channel Reliance**

Many scholars have even looked at characteristics of these channels more intentionally, trying to determine which channels are most important for communicating a full range of messages. Indeed, humans have a form of **channel reliance** in which we tend to rely on specific channels (like vocal or visual cues, for example) for specific types of messages (e.g., paying the most attention to vocal cues when receiving a deceptive message).<sup>19, 20</sup> This channel reliance will be discussed across multiple chapters in this book where appropriate. Significantly, the interactivity of a variety of channel types may impact our ability to receive an intended message, as the degree to which we can engage the message sender may influence what nonverbal characteristics we pay attention to.<sup>21</sup>

# A Summary of Nonverbal Communication Origins

Although the transactional model of communication is the preferred way of thinking about the basic elements of human communication, most all models highlight the complexities of messaging. Whether you prefer to use the linear model or the transactional model of communication, it is difficult to ignore the variety of ways that we send to the people in our lives through both verbal and nonverbal messaging. Nonverbal communication includes a specific set of characteristics or behaviors that send messages to our friends, family, coworkers, romantic partners, and any other individuals that we engage with throughout our lives. Because nonverbal communication has come first throughout our existence, humans tend to rely on nonverbal messages much more than any verbal forms of communication. Just like verbal messaging, these nonverbal messages are sent by an individual using a specific channel; often, that same individual is receiving messages simultaneously, trying to decode the intended message despite many noise and features of the context that may impede the successful transmission of the message. With so many different nonverbal and verbal messages present in our daily lives, it is not surprising that we grow increasingly reliant upon certain types of messages over the course of our life span, influenced in part by the interactivity of the channel through which we received that message. Throughout the rest of the book, we will explore specific features and contexts of the nonverbal messages in our daily lives.

# **Closing Questions**

Knowing the impact of first impressions, how will you manage your nonverbal self to make sure that your messages fit your goals?

In what way do you expect to use nonverbal communication to influence your close relationships in the future?

# **Key Terms**

channels 5 channel reliance 15 context 5

decoding 5 emojis 14 emoticons 14 encoding 5 feedback 6

interactional primacy 12

linear model of communication 4

message 4 noise 5

nonverbal communication 8 ontogenetic primacy 11

phylogenetic primacy 11 physical noise 5 physiological noise 5

primacy 10

psychological noise 5 receiver 5

semantic noise 5 sender 5

transactional messaging 7 transactional model of communication 6

unidirectional messaging 7

verbal communication 8 vocal/auditory messages 10