

## Arguing 32

Tennis fans argue about who's better, Venus or Serena. Political candidates argue that they have the most experience or best judgment. A toilet paper ad argues that you should "be kind to your behind." As you likely realize, we are surrounded by arguments, and much of the work you do as a college student requires you to read and write arguments. When you write a LITERARY ANALYSIS, for instance, you argue for a particular interpretation. In a PROPOSAL, you argue for a particular solution to a problem. Even a PROPILE argues that a subject should be seen in a certain way. This chapter offers advice on some of the key elements of making an argument, from developing an arguable thesis and identifying good reasons and evidence that supports those reasons to building common ground and dealing with viewpoints other than your own.

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### Reasons for Arguing

We argue for many reasons, and they often overlap: to convince others that our position on a subject is reasonable, to influence the way they think about a subject, to persuade them to change their point of view or to take some sort of action. In fact, many composition scholars and teachers believe that all writing makes an argument.

As a student, you'll be called upon to make arguments continually: when you participate in class discussions, when you take an essay exam, when you post a comment to a Listserv or a blog. In all these instances, you are adding your opinions to some larger conversation, arguing for what you believe—and why.

# Arguing Logically: Claims, Reasons, and Evidence

a strong logical argument. that supports those reasons. Using these building blocks, we can construct The basic building blocks of argument are claims, reasons, and evidence

not be argued: reasonable people may disagree about. Certain kinds of statements can-Good arguments are based on arguable claims—statements that

- Verifiable statements of fact. Most of the time, there's no point in arguing led to a change in the definition of planet, Pluto no longer qualified. that our solar system had nine planets, but when further discoveries argue about the basis of a fact. For example, until recently it was a fact tial opposition — and so no interest for an audience. However, you might ica's 41st president." Such statements contain no controversy, no potenabout facts like "The earth is round" or "George H. W. Bush is Amer-
- ple, whether or not the universe must have a cause. philosophy or religion course you may be asked to argue, for examafterlife, there's no way I can convince you otherwise. However, in a or refuted. If you believe in reincarnation or don't believe there is an Issues of faith or belief. By definition, matters of faith cannot be proven
- evidence from his performances. more than just your opinion—it's an assertion you can support with argued in an EVALUATION, where "Tom Cruise is a terrible actor" is ters of taste are based on identifiable criteria, though, they may be you won't convince your Beatles-loving parents to like her too. If matyou own every Beyoncé CD and think she's the greatest singer ever, ugly, no amount of arguing will convince you to think otherwise. If Matters of simple opinion or personal taste. If you think cargo pants are

sidered a claim—it needs to be made more reasonable and informed. To bike more dangerous, not less." As it stands, that statement can't be conas you do research and start to write. Your opinion or question should lead mets get injured more often than those who don't?"—that may be answered do that, you might reframe it as a question—"Do bike riders who wear hel-You may begin with an opinion: "I think wearing a helmet makes riding a





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you to an arguable claim, however, one that could be challenged by another thoughtful person. In this case, for example, your research might lead you to a focused, qualified claim: Contrary to common sense, wearing a helmet while riding a bicycle increases the chances of injury, at least to adult riders.

Qualifying a claim. According to an old saying, there are two sides to every story. Much of the time, though, arguments don't sort themselves neatly into two sides, pro and con. No matter what your topic, your argument will rarely be a simple matter of being for or against; in most cases, you'll want to qualify your claim—that it is true in certain circumstances, with certain conditions, with these limitations, and so on. Qualifying your claim shows that you're reasonable and also makes your topic more manageable by limiting it. The following questions can help you qualify your claim.

- Can it be true in some cases? For example, most high school students should be urged to graduate, but students who cannot succeed there should be allowed to drop out.
- Can it be true at some times or under certain circumstances? For instance, cell phones and computer monitors should be recycled, but only by licensed, domestic recyclers.
- Can it be true for some groups or individuals? For example, nearly everyone should follow a low-carb diet, but some people, such as diabetics, should avoid it.

### SOME WORDS FOR QUALIFYING A CLAIM

sometimes	nearly	it seems/seemingly
rarely	usually	some
in some cases	more or less	perhaps
often	for the most part	possibly
routinely		

**Drafting a thesis statement.** Once your claim is focused and appropriately qualified, it can form the core of your essay's **THESIS STATEMENT**, which announces your position and forecasts the path your argument will



given to others. The author outlines the context of her argument and then the remains of Native Americans should be treated with the same respect utive director of the National Congress of American Indians arguing that follow. For example, here is the opening paragraph of an essay by the execpresents her thesis (here, in italics):

property of the United States and too few of the kind that protect us there are too many laws of the kind that make us the archeological is, for ordinary Americans. The problem for American Indians is that The ordinary American would say there ought to be a law—and there could not rest until their human remains were placed in a sacred area? otherwise studied? What if you believed that the spirits of the dead your dead relatives on display or keep them in boxes to be cut up and What if museums, universities and government agencies could put from such insults.

-Susan Shown Harjo, "Last Rites for Indian Dead: Treating Remains Like Artifacts Is Intolerable"

ence will accept. A reason can usually be linked to a claim with the word because: Reasons. Your claim must be supported by reasons that your audi-

harm society	MP3 players	CLAIM
		+
	because	BECAUSE
		+
from other people.	they isolate users	REASON

ence doesn't accept that principle, you may have to back it up with furunderlying reason is that isolation from other people is bad. If your audiunderlies the reason you link directly to your claim. In this argument, the Keep in mind that you likely have a further reason, a rule or principle that ther reasons or evidence

answering the question why? To come up with good reasons, start by stating your position and then

UNDERLYING REASON: Isolation from other people is bad. **REASON:** (Because) They isolate users from other people. Why? CLAIM: MP3 players harm society. Why?

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As you can see, this exercise can continue indefinitely as the underlying reasons grow more and more general and abstract. You can do the same with other positions:

CLAIM: Smoking should be banned. Why?

REASON: (Because) It is harmful to smokers and also to nonsmokers.

UNDERLYING REASON: People should be protected from harmful substances.

Evidence. Evidence to support your reasons can come from various sources. In fact, you may need to use several kinds of evidence to persuade your audience that your claim is true. Some of the most common types of evidence include facts, statistics, examples, authorities, anecdotes, scenarios, case studies, textual evidence, and visuals.

Facts are ideas that are proven to be true. Facts can include observations or scholarly research (your own or someone else's), but they need to be accepted as true. If your audience accepts the facts you present, they can be powerful means of persuasion. For example, an essay on junk email offers these facts to demonstrate the seasonal nature of spam:

The flow of spam is often seasonal. It slows in the spring, and then, in the month that technology specialists call "black September"—when hundreds of thousands of students return to college, many armed with new computers and access to fast Internet connections—the levels rise sharply.

— Michael Specter, "Damn Spam"

Specter offers this fact with only a general reference to its origin ("technology specialists"), but given what most people know—or think they know—about college students, it rings true. A citation from a study published by a "technology specialist" would offer even greater credibility.

**Statistics** are numerical data, usually produced through research, surveys, or polls. Statistics should be relevant to your argument, as current as possible, accurate, and from a reliable source. An argument advocating that Americans should eat less meat presents these data to support the writer's contention that we eat far too much of it:

of protein a day, virtually all of it from plant sources. be.) It's likely that most of us would do just fine on around 30 grams itself considered by many dietary experts to be higher than it needs to about 75 grams come from animal protein. (The recommended level is twice the federal government's recommended allowance; of that, We each consume something like 110 grams of protein a day, about nificant), an increase of 50 pounds per person from 50 years ago. per capita per year (dairy and eggs are separate, and hardly insig-Americans are downing close to 200 pounds of meat, poultry, and fish

— Mark Bittman, "Rethinking the Meat-Guzzler"

stark numeric terms protein our bodies require—and summarize the heart of his argument in tion of our diets that comes from meat, and, by comparison, how much increased their meat consumption over the last half-century, the propor-Bittman's statistics demonstrate the extent to which Americans have

demonstrate his point that three hundred years ago, night—without artificial lighting—was treacherous: book on life after dark in Europe, a historian offers several examples to Examples are specific instances that illustrate general statements. In a

shireman Arthur Jessop, returning from a neighbor's home on a cold through a churchyard and tumbling into a newly dug grave. The York-December evening, fell into a stone pit after losing his bearings. fifteen-year-old girl died in 1739 after straying from her customary path the land, stumbling into a ditch or off a precipice. In Aberdeenshire, a Even sure-footed natives on a dark night could misjudge the lay of

—A. Roger Ekirch, At Day's Close: Night in Times Past

two specific individuals' fates Ekirch illustrates his point and makes it come alive for readers by citing

credentials necessary for readers to take them seriously. When you cite EVALUATE any authorities you consult carefully to be sure they have the reputable, trustworthy, and qualified to address the subject. You should Authorities are experts on your subject. To be useful, authorities must be

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experts, you should clearly identify them and the origins of their authority in a **SIGNAL PHRASE**, as does the author of an argument that deforested land can be reclaimed:

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Reed Funk, professor of plant biology at Rutgers University, believes that the vast areas of deforested land can be used to grow millions of genetically improved trees for food, mostly nuts, and for fuel. Funk sees nuts used to supplement meat as a source of high-quality protein in developing-country diets.

— Lester R. Brown, Plan B 2.0: Rescuing a Planet under Stress and a Civilization in Trouble

Brown cites Funk, an expert on plant biology, to support his argument that humans need to rethink the global economy in order to create a sustainable world. Without the information on Funk's credentials, though, readers would have no reason to take his proposal seriously.

Anecdotes are brief NARRATIVES that your audience will find believable and that contribute directly to your argument. Anecdotes may come from your personal experience or the experiences of others. In a speech almost two years after Hurricane Katrina devastated New Orleans, then-presidential candidate Barack Obama used an anecdote to personalize his criticism of the assistance given to the city's poor:

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Yes, parts of New Orleans are coming back to life. But we also know that over 25,000 families are still living in small trailers; that thousands of homes sit empty and condemned; and that schools and hospitals and firehouses are shuttered. We know that even though the streetcars run, there are fewer passengers; that even though the parades sound their joyful noise, there is too much violence in the shadows.

To confront these challenges we have to understand that Katrina may have battered these shores — but it also exposed silent storms that have ravaged parts of this city and our country for far too long. The storms of poverty and joblessness; inequality and injustice.

When I was down in Houston visiting evacuees a few days after Katrina, I met a woman in the Reliant Center who had long known these storms in her life.

less than nothing." She told me, "We had nothing before the hurricane. Now we got

behind. And I wonder where she is today. ing. I think about her sometimes. I think about how America left her We had nothing before the hurricane. Now we got less than noth-

tragically—we are failing her for a third time. That needs to change on our television screens. We failed her again during Katrina. And rebuild trust with the people of New Orleans and the Gulf Coast. It's time for us to restore our trust with her; it's time for America to America failed that woman long before that failure showed up

—Barack Obama, "Rebuilding Trust with New Orleans"

increase employment more generally. lected its duty to rebuild New Orleans as well as to reduce poverty and to make specific and personal his claim that the federal government neg-Obama uses the anecdote about the woman he met at the Reliant Center

tongue-in-cheek argument that Christmas is (almost) pure magic: matician presents this light-hearted scenario about Santa Claus in a ways of looking at a particular state of affairs. For example, a mathe-Scenarios are hypothetical situations. Like anecdotes, "what if" scenarios can help you describe the possible effects of particular actions or offer new

age, at least one child of the 3.5 in each home meets that criterion.) only visits good children, but we can surely assume that, on an averily in the world is 3.5 children per household. Thus, Santa has to visit the number of children but the number of homes Santa has to visit. eyes of the law, that is, those under the age of 18. There are roughly 108,000,000 individual homes. (Of course, as everyone knows, Santa According to the most recent census data, the average size of a fam-15% of the total, namely 378 million. However, the crucial figure is not Buddhist children. That reduces his workload significantly to a mere issues, and as a result he doesn't handle Muslim, Hindu, Jewish and annual activities long before diversity and equal opportunity became billion such individuals in the world. However, Santa started his Let's assume that Santa only visits those who are children in the

— Keith Devlin, "The Mathematics of Christmas"



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Devlin uses this scenario, as part of his mathematical analysis of Santa's yearly task, to help demonstrate that Christmas is indeed magical — because if you do the math, it's clear that Santa's task is physically impossible.

Case studies and observations feature detailed reporting about a subject. Case studies are in-depth, systematic examinations of an occasion, a person, or a group. For example, in arguing that class differences exist in the United States, sociologist Gregory Mantsios presents studies of three "typical" Americans to show "enormous class differences" in their lifestyles.

Observations offer detailed descriptions of a subject. Here's an observation of the emergence of a desert stream that flows only at night:

At about 5:30 water came out of the ground. It did not spew up, but slowly escaped into the surrounding sand and small rocks. The wet circle grew until water became visible. Then it bubbled out like a small fountain and the creek began.

—Craig Childs, The Secret Knowledge of Water

Childs presents this and other observations in a book that argues (among other things) that even in harsh, arid deserts, water exists, and knowing where to find it can mean the difference between life and death.

Textual evidence includes quotations, paraphrases, and summaries. Usually, the relevance of textual evidence must be stated directly, as excerpts from a text may carry several potential meanings. For example, here is an excerpt from a student essay analyzing the function of the raft in Huckleberry Finn as "a platform on which the resolution of conflicts is made possible":

[T]he scenes where Jim and Huck are in consensus on the raft contain the moments in which they are most relaxed. For instance, in chapter twelve of the novel, Huck, after escaping capture from Jackson's Island, calls the rafting life "solemn" and articulates their experience as living "pretty high" (Twain 75-76). Likewise, subsequent to escaping the unresolved feud between the Grangerfords and Shepherdsons in chapter eighteen, Huck is unquestionably at ease on the raft: "I was 408-19

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powerful glad to get away from the feuds. . . . We said there warn't no home like a raft, after all. Other places do seem so cramped up and smothery, but a raft don't. You feel mighty free and easy and comfortable on a raft" (Twain 134).

— Dave Nichols, "'Less All Be Friends': Rafts as Negotiating Platforms in Twain's *Huckleberry Finn*"

Huck's own words support Nichols's claim that he can relax on a raft. Nichols strengthens his claim by quoting evidence from two separate pages, suggesting that Huck's opinion of rafts pervades the novel.

Visuals can be a useful way of presenting evidence. Remember, though, that charts, graphs, photos, drawings, and other VISUAL TEXTS seldom speak for themselves and thus must be explained in your text. Below, for example, is a photograph of a poster carried by demonstrators at the 2008 Beijing Summer Olympics, protesting China's treatment of Tibetans. If you were to use this photo in an essay, you would need to explain that the poster combines the image of a protester standing before a tank during the 1989 Tiananmen Square uprising with the Olympic logo, making clear to your readers that the protesters are likening China's treatment of Tibetans to its brutal actions in the past.



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Choosing appropriate evidence. The kinds of evidence you provide to support your argument depends on your RHETORICAL SITUATION. If your purpose is, for example, to convince readers to accept the need for a proposed solution, you'd be likely to include facts, statistics, and anecdotes. If you're writing for an academic audience, you'd be less likely to rely on anecdotes, preferring authorities, textual evidence, statistics, and case studies instead. And even within academic communities different disciplines and genres may focus primarily on different kinds of evidence. If you're not sure what counts as appropriate evidence, ask your instructor for guidance.

### Convincing Readers You're Trustworthy

For your argument to be convincing, you need to establish your own credibility with readers—to demonstrate your knowledge about your topic, to show that you and your readers share some common ground, and to show yourself to be evenhanded in the way you present your argument.

Building common ground. One important element of gaining readers' trust is to identify some common ground, some values you and your audience share. For example, to introduce a book arguing for the compatibility of science and religion, author Chet Raymo offers some common memories:

Like most children, I was raised on miracles. Cows that jump over the moon; a jolly fat man that visits every house in the world in a single night; mice and ducks that talk; little engines that huff and puff and say, "I think I can"; geese that lay golden eggs. This lively exercise of credulity on the part of children is good practice for what follows—for believing in the miracle stories of traditional religion, yes, but also for the practice of poetry or science.

— Chet Raymo, Skeptics and True Believers: The Exhilarating Connection between Science and Religion

Raymo presents childhood stories and myths that are part of many people's shared experiences to help readers find a connection between two realms that are often seen as opposed.



Incorporating other viewpoints. To show that you have carefully considered the viewpoints of others, including those who may agree or disagree with you, you should incorporate those viewpoints into your argument by acknowledging, accommodating, or refuting them.

Acknowledging other viewpoints. One essential part of establishing your credibility is to acknowledge that there are viewpoints different from yours and to represent them fairly and accurately. Rather than weakening your argument, acknowledging possible objections to your position shows that you've thought about and researched your topic thoroughly. For example, in an essay about his experience growing up homosexual, writer Andrew Sullivan acknowledges that not every young gay man or woman has the same experience:

I should add that many young lesbians and homosexuals seem to have had a much easier time of it. For many, the question of sexual identity was not a critical factor in their life choices or vocation, or even a factor at all.

- Andrew Sullivan, "What Is a Homosexual?"

Thus does Sullivan qualify his assertions, making his own stance appear to be reasonable.

Accommodating other viewpoints. You may be tempted to ignore views you don't agree with, but in fact it's important to acknowledge those views, to demonstrate that you are aware of them and have considered them carefully. You may find yourfself conceding that opposing views have some merit and qualifying your claim or even making them part of your own argument. See, for example, how a philosopher arguing that torture is sometimes "not merely permissible but morally mandatory" addresses a major objection to his position:

The most powerful argument against using torture as a punishment or to secure confessions is that such practices disregard the rights of the individual. Well, if the individual is all that important—and he is—it is correspondingly important to protect the rights of individuals



threatened by terrorists. If life is so valuable that it must never be taken, the lives of the innocents must be saved even at the price of hurting the one who endangers them.

- Michael Levin, "The Case for Torture"

Levin folds his critics' argument into his own by acknowledging that the individual is indeed important and then asserting that if the life of one person is important, the lives of many people must be even more important.

**Refuting other arguments.** Often you may need to refute other arguments and make a case for why you believe they are wrong. Are the values underlying the argument questionable? Is the reasoning flawed? Is the evidence inadequate or faulty? For example, an essay arguing for the elimination of college athletics scholarships includes this refutation:

Some argue that eliminating athletics scholarships would deny opportunity and limit access for many students, most notably black athletes. The question is, access to what? The fields of competition or an opportunity to earn a meaningful degree? With the six-year graduation rates of black basketball players hovering in the high 30-percent range, and black football players in the high 40-percent range, despite years of "academic reform," earning an athletics scholarship under the current system is little more than a chance to play sports.

— John R. Gerdy, "For True Reform, Athletics Scholarships Must Go"

Gerdy bases his refutation on statistics showing that for more than half of African American college athletes, the opportunity to earn a degree by playing a sport is an illusion.

When you incorporate differing viewpoints, be careful to avoid the **FALLACIES** of attacking the person making the argument or refuting a competing position that no one seriously entertains. It is also important that you not distort or exaggerate opposing viewpoints. If your argument is to be persuasive, other arguments should be represented fairly.

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### Appealing to Readers' Emotions

Logic and facts, even when presented by someone reasonable and trustworthy, may not be enough to persuade readers. Many successful arguments include an emotional component that appeals to readers' hearts as well as to their minds. Advertising often works by appealing to its audience's emotions, as in this paragraph from a Volvo ad:

Choosing a car is about the comfort and safety of your passengers, most especially your children. That's why we ensure Volvo's safety research examines how we can make our cars safer for everyone who travels in them—from adults to teenagers, children to babies. Even those who aren't even born yet.

—Volvo.com

This ad plays on the fear that children—or a pregnant mother—may be injured or killed in an automobile accident.

Keep in mind that emotional appeals can make readers feel as though they are being manipulated and, consequently, less likely to accept an argument. For most kinds of academic writing, use emotional appeals sparingly.

### Checking for Fallacies

Fallacies are arguments that involve faulty reasoning. It's important to avoid fallacies in your writing because they often seem plausible but are usually unfair or inaccurate and make reasonable discussion difficult. Here are some of the most common fallacies:

Ad hominem arguments attack someone's character rather than
addressing the issues. (Ad hominem is Latin for "to the man.") It is an
especially common fallacy in political discourse and elsewhere: "Jack
Turner has no business talking about the way we run things in this
city. He's lived here only five years and is just another flaky liberal."
The length of time Turner has lived in the city has no bearing on the



- worth of his argument; neither does his political stance, which his opponent characterizes unfairly.
- Bandwagon appeals argue that because others think or do something, we should, too. For example, an advertisement for a rifle association suggests that "67 percent of voters support laws permitting concealed weapons. You should, too." It assumes that readers want to be part of the group and implies that an opinion that is popular must be correct.
- Begging the question is a circular argument. It assumes as a given what
  is trying to be proved, essentially supporting an assertion with the
  assertion itself. Consider this statement: "Affirmative action can never
  be fair or just because you cannot remedy one injustice by committing another." This statement begs the question because to prove that
  affirmative action is unjust, it assumes that it is an injustice.
- Either-or arguments, also called false dilemmas, are oversimplifications. Either-or arguments assert that there can be only two possible positions on a complex issue. For example, "Those who oppose our actions in this war are enemies of freedom" inaccurately assumes that if someone opposes the war in question, he or she opposes freedom. In fact, people might have many other reasons for opposing the war.
- False analogies compare things that resemble each other in some ways
  but not in the most important respects. For example: "Trees pollute
  the air just as much as cars and trucks do." Although it's true that
  plants emit hydrocarbons, and hydrocarbons are a component of
  smog, they also produce oxygen, whereas motor vehicles emit gases
  that combine with hydrocarbons to form smog. Vehicles pollute the
  air; trees provide the air that vehicles' emissions pollute.
- Faulty causality, also known as post hoc, ergo propter hoc (Latin for "after this, therefore because of this"), assumes that because one event followed another, the first event caused the second—for example, "Legalizing same-sex marriage in Sweden led to an increase in the number of children born to unwed mothers." The statement contains no evidence to show that the first event caused the second. The birth rate could have been affected by many factors, and same-sex marriage may not even be among them.

- much greater percentage of Brooklyn's population. To be able to generalize, the researcher would have had to survey a is far too small a group from which to draw meaningful conclusions. New York City with a population of over two million, twenty residents of Brooklyn residents find tagging offensive." In Brooklyn, a part of said yes, five said no, and one had no opinion. Therefore, 70 percent York, were asked whether they found graffiti tags offensive; fourteen good example: "Twenty randomly chosen residents of Brooklyn, New Hasty generalizations are conclusions based on insufficient or inappropriately qualified evidence. This summary of a research study is a
- states and leave thousands unemployed." According to this argument, scenario, given the size of the proposed increase if taxes are raised, the state's economy will be ruined—not a likely won't be long before all the corporations in the state move to other example: "If the state legislature passes this 2 percent tax increase, it such a chain of causes and effects will in fact take place. Here's an another, often cataclysmic event without presenting evidence that Slippery slope arguments assert that one event will inevitably lead to

# Considering the Rhetorical Situation

To argue effectively, you need to think about the message that you want

and the larger context you are writing in. to articulate, the audience you want to persuade, the effect of your stance,

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native views? To accept your position as plausible? To thing? To act? To change their minds? To consider alteryou? Why? What common ground can you find with them? To what extent are they likely to agree or disagree with and believe about your topic? How personal is it for them? Who is your intended audience? What do they likely know researched it appropriately? see that you have thought carefully about an issue and What do you want your audience to do? To think some-

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How will you incorporate other positions? What kind of evidence are they likely to accept?

GENRE What genre will help you achieve your purpose? A posi-

tion paper? An evaluation? A review? A proposal? An

analysis?

STANCE How do you want your audience to perceive you? As an

authority on your topic? As someone much like them? As calm? Reasonable? Impassioned or angry? Something else? What's your attitude toward your topic, and why? What argument strategies will help you to convey that

stance?

MEDIA / DESIGN What media will you use, and how do your media affect

your argument? If you're writing on paper, does your argument call for photos or charts? If you're giving an oral presentation, should you put your reasons and support on slides? If you're writing on the Web, should you add links to sites representing other positions or containing evi-

dence that supports your position?

### SECOND EDITION

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Richard Bullock WRIGHT STATE UNIVERSITY

Francine Weinberg



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