Introduction

Why Write Research Projects?

- Writing With and For Academic Research: What is It?
- Research Writing With Computers and the Internet
- Approaching *The Process of Research Writing:* A Guide to Using this Book
    * Writing as a Process: A Brief Explanation and Map
    * Using this book

The title of this book is *The Process of Research Writing*, and in the nutshell, that is what the book is about. A lot of times, instructors and students tend to separate "thinking," "researching," and "writing" into different categories that aren't necessarily very well connected. First you think, then you research, and then you write.

The reality is though that the possibilities and process of research writing are more complicated and much richer than that. We *think* about what it is we want to research and write about, but at the same time, we learn *what* to think based on our research and our writing. The goal of this book is to guide you through this process of research writing by emphasizing a series of exercises that touch on different and related parts of the research process.

But before going any further, you need to be aware of two important points about this book:

- **This book is an *introduction* to academic writing and research, and chances are you will keep learning about academic writing and research after this class is over.** You may have to take other writing classes where you will learn different approaches to the writing process, perhaps one where you will learn more about research writing in your discipline. However, even if this is your one and only "writing class" in your college career, you will have to learn more about academic writing for every class and every new academic writing project. Learning how to write well is not something that ends when the class ends. Learning how to write is an on-going, life-long process.

- **Academic writing is not the only kind of writing worth learning about, and it is not the only potential use for this book or this class.** The focus of *The Process of Research Writing* is the important, common, and challenging sort of writing students in a variety of disciplines tend to do, projects that use research to inform an audience and make some sort of point; specifically, academic

research writing projects. But clearly, this is not the *only* kind of writing writers do.

Sometimes, students think introductory college writing courses are merely an extension of the writing courses they took in high school. This is true for some, but for the majority of new college students, the sort of writing required in college is different from the sort of writing required in high school. College writing tends to be based more on research than high school writing. Further, college-level instructors generally expect a more sophisticated and thoughtful interpretation of research from student writers. It is not enough to merely use more research in your writing; you also have to be able to think and write about the research you've done.

Besides helping you write different kinds of projects where you use research to support a point, the concepts about research you will learn from this course and*The Process of Research Writing* will help you become better ***consumers*** of information and research. And make no mistake about it: information that is (supposedly) backed up by research is everywhere in our day-to-day lives. News stories we see on television or read in magazines or newspapers are based on research. Legislators use research to argue for or against the passage of the laws that govern our society. Scientists use research to make progress in their work.

Even the most trivial information we all encounter is likely to be based on something that at least looks like research. Consider advertising: we are all familiar with "research-based" claims in advertising like "four out of five dentists agree" that a particular brand of toothpaste is the best, or that "studies show" that a specific type of deodorant keeps its wearers "fresh" longer. Advertisers use research like this in their advertisements for the same reason that scientists, news broadcasters, magazine writers, and just about anyone else trying to make a point uses research: it's persuasive and convinces consumers to buy a particular brand of toothpaste.

This is not to say that every time we buy toothpaste we carefully mull over the research we've heard mentioned in advertisements. However, using research to persuade an audience must work on some level because it is one of the most commonly employed devices in advertising.

One of the best ways to better understand how we are effected by the research we encounter in our lives is to learn more about the process of research by becoming better and more careful critical readers, writers, and researchers. Part

of that process will include the research-based writing you do in this course. In other words, this book will be useful in helping you deal with the practical and immediate concern of how to write essays and other writing projects for college classes, particularly ones that use research to support a point. But perhaps more significantly, these same skills can help you write and read research-based texts well beyond college.

Academic Research Writing: What Is It?

Writing That Isn't "Research Writing"

Not all useful and valuable writing automatically involves research or can be called "academic research writing."

- **While poets, playwrights, and novelists frequently do research and base their writings on that research, what they produce doesn't constitute academic research writing.** The film *Shakespeare in Love* incorporated facts about Shakespeare's life and work to tell a touching, entertaining, and interesting story, but it was nonetheless a work of fiction since the writers, director, and actors clearly took liberties with the facts in order to tell their story. If you were writing a research project for a literature class which focuses on Shakespeare, you would not want to use *Shakespeare in Love* as evidence about how Shakespeare wrote his plays.

- **Essay exams are usually not a form of research writing.** When an instructor gives an essay exam, she usually is asking students to write about what they learned from the class readings, discussions, and lecturers. While writing essay exams demand an understanding of the material, this isn't research writing because instructors aren't expecting students to do additional research on the topic.

- **All sorts of other kinds of writing we read and write all the time—letters, emails, journal entries, instructions, etc.—are not research writing.** Some writers include research in these and other forms of personal writing, and practicing some of these types of writing—particularly when you are trying to come up with an idea to write and research about in the first place—can be helpful in thinking through a research project. But when we set about to write a research project, most of us don't have these sorts of personal writing genres in mind.

So, what *is* "research writing"?

Research writing is writing that uses evidence (from journals, books, magazines, the Internet, experts, etc.) to persuade or inform an audience about a particular point.

Research writing exists in a variety of different forms. For example, academics, journalists, or other researchers write articles for journals or magazines; academics, professional writers and almost anyone create web pages that both use research to make some sort of point and that show readers how to find more research on a particular topic. All of these types of writing projects can be done by a single writer who seeks advice from others, or by a number of writers who collaborate on the project.

***Academic* research writing**—the specific focus of *The Process of Research Writing*and the sort of writing project you will probably need to write in this class—is a form of research writing. How is academic research writing different from other kinds of writing that involve research? The goal of this textbook is to answer that question, and academic research projects come in a variety of shapes and forms. (In fact, you may have noticed that *The Process of Research Writing*purposefully avoids the term "research paper" since this is only one of the many ways in which it is possible to present academic research). But in brief, academic research writing projects are a bit different from other kinds of research writing projects in three significant ways:

- ***Thesis:* Academic research projects are organized around a point or a "thesis" that members of the intended audience would not accept as "common sense**." What an audience accepts as "common sense" depends a great deal on the audience, which is one of the many reasons why what "counts" as academic research varies from field to field. But audiences want to learn something new either by being informed about something they knew nothing about before or by reading a unique interpretation on the issue or the evidence.

- ***Evidence:* Academic research projects rely almost exclusively on evidence in order to support this point.** Academic research writers use evidence in order to convince their audiences that the point they are making is right. Of course, all writing uses other means of persuasion—appeals to emotion, to logic, to the credibility of the author, and so forth. But the readers of academic research writing projects are likely to be more persuaded by good evidence than by anything else.

"Evidence," the information you use to support your point, includes readings you find in the library (journal and magazine articles, books, newspapers, and many other kinds of documents); materials from the Internet (web pages, information from databases, other Internet-based forums); and information you

might be able to gather in other ways (interviews, field research, experiments, and so forth).

- *Citation:* **Academic research projects use a detailed citation process in order to demonstrate to their readers where the evidence that supports the writer's point came from.** Unlike most types of "non-academic" research writing, academic research writers provide their readers with a great deal of detail about where they found the evidence they are using to support their point. This processes is called ***citation,*** or "citing" of evidence. It can sometimes seem intimidating and confusing to writers new to the process of academic research writing, but it is really nothing more than explaining to your reader where your evidence came from.

Research Writing with Computers and the Internet

There are good reasons for writing with computers. To name just a few, computers help writers:

- **Revise more easily,** since you don't need to retype an entire draft;
- **Share their writing with others,** either electronically (on disk or via email) or in "hard copy" since the writer only needs to print additional copies;
- **Store and organize files,** since papers that might get lost or take up a lot of room can all fit onto a computer hard drive or a floppy diskette; and
- **Make correct and "nice looking" drafts** with the use of features like spelling and grammar checkers, and with design features that allow you to select different fonts and layouts.

Chances are, you already know these things.

If you are *not* using computers or the Internet in your academic research writing process, you need to try and learn more about the possibilities. It can be intimidating and time consuming to begin effectively using a computer, but there are few things that will be as rewarding for your academic writing career.

The Process of Research Writing: A Guide to Understanding this Book

Writing as a Process: A Brief Explanation and Map

No essay, story, or book (including this one) simply "appeared" one day from the writer's brain; rather, all writings are made after the writer, with the help of others, works through the process of writing.

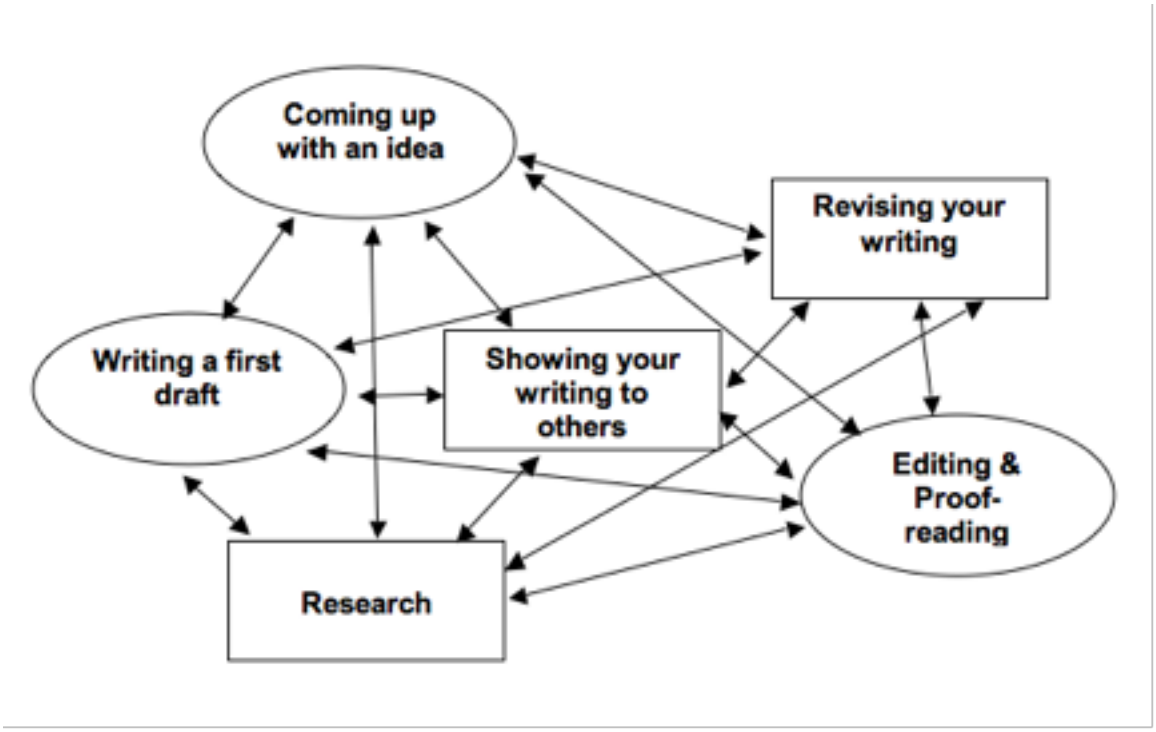
Generally speaking, the process of writing involves:

- **Coming up with an idea** (sometimes called brainstorming, invention or "pre-writing");
    - **Writing a rough draft of that idea**;
- **Showing that rough draft to others to get feedback** (peers, instructors, colleagues, etc.);
    - **Revising the draft** (sometimes many times); and
    - **Proof-reading and editing** to correct minor mistakes and errors.

An added component in the writing process of research projects is, obviously, research. Rarely does research begin before at least some initial writing (even if it is nothing more than brainstorming or pre-writing exercises), and research is usually not completed until after the entire writing project is completed. Rather, research comes in to play at all parts of the process and can have a dramatic effect on the other parts of the process. Chances are you will need to do at least some simple research to develop an idea to write about in the first place. You might do the bulk of your research as you write your rough draft, though you will almost certainly have to do more research based on the revisions that you decide to make to your project.

There are two other things to think about within this simplified version of the process of writing. **First, the process of writing always takes place for some*reason or purpose* and within some *context* that potentially change the way you do these steps.** The process that you will go through in writing for this class will be different from the process you go through in responding to an essay question on a Sociology midterm or from sending an email to a friend. This is true in part because your purposes for writing these different kinds of texts are simply different.

Second, the process of writing isn't quite as linear and straight-forward as my list might suggest. Writers generally have to start by coming up with an idea, but writers often go back to their original idea and make changes in it after they write several drafts, do research, talk with others, and so on. The writing process might be more accurately represented like this:



Seem complicated? It is, or at least it can be.

So, instead of thinking of the writing process as an ordered list, you should think of it more as a "web" where different points can and do connect with each other in many different ways, and a process that changes according to the demands of each writing project. While you might write an essay where you follow the steps in the writing process in order (from coming up with an idea all the way to proofreading), writers also find themselves following the writing process out of order all the time. That's okay. The key thing to remember about the writing process is that it *is* a process made up of many different steps, and writers are rarely successful if they "just write."

Using this book

The Process of Research Writing is organized in a "step-by-step" fashion. Part I of the book, "The Elements of Research," offers advice on getting started with research in the library, about quoting, paraphrasing, and not plagiarizing your research, and about working with others in the research process. Part II, "Exercises in the Process of Research," presents five different writing exercises that will help you explore a research topic. Part III, "The Research Project," offers guidelines for writing a traditional research essay, suggestions for alternative ways to present your research, and guidelines for using Modern Language Association and American Psychological Association citation.

But you should think of *The Process of Research Writing* as being similar to a cookbook or an encyclopedia: you and don't have to read or use this book in this

particular order, and you and your teacher don't need to use all of this book in order to write successful research projects. On the other hand, like a cookbook or an encyclopedia, you should feel free to go back to passages you've read before. Remember: thinking through your research process should be systematic, but it isn't necessarily a linear one.

Chapter One
Thinking Critically About Research

- What is "Research" and Why Should I Use It?
- What's Different about Academic Research?
- Primary versus Secondary Research
- Scholarly versus Non-Scholarly Sources
- Sources that are Both Scholarly and Non-Scholarly?
- The Internet: The Researcher's Challenge
- Evaluating the Quality and Credibility of Your Research
- Complicating Factors in Evaluating the Credibility of Internet Research

What is "Research" and Why Should I Use It?

Research always begins with the goal of answering a question. In your quest to answer basic research questions, you turn to a variety of different sources for evidence: reference resources, people, evaluative and opinionated articles, and other sources. All along the way, you continually evaluate and re-evaluate the credibility of your sources.

For example, if you wanted to find out where you could buy the best computer within your budget, your question might be "what kind of computer should I buy and where should I buy it?" To answer your questions about computers, the first research tool you might use is the phone book, where you would look up "Computer retailers" in the yellow pages. You might also ask friends where they got their computers and what they thought were the best (and worst) stores to go to. You would probably also talk to your friends about the kind of computer they bought: a Windows-based PC versus a Macintosh computer, or a desktop versus a laptop computer, for example. You could go to a computer store and ask the salespeople for their advice, though you would perhaps be more critical of what they tell you since they are biased. After all, salespeople are trying to sell you a computer that they sell in their stores, not necessarily the "best" computer for the amount of money you want to spend. To get the opinions of computer experts, you might do research in computer magazines or web sites, looking for reviews and ratings of different models of computers in your price range.

Of course, you could skip this research process entirely. You could simply go to a store and buy the first computer in your budget based on nothing more than a "gut feeling" or based on some criteria that has little to do with the quality of the computer—the color, for example.

Who knows? By just guessing like this, you might actually end up with a computer as good as you would have ended up with after your research. After all, researchers can never be *certain* that the evidence they find to answer their research questions is entirely correct, and the fact that there are different kinds of computers available suggests it is possible for people to look at the research and reach different conclusions about what is the "best computer." Talk to loyal Macintosh computer owners and you will get a very different answer about "the best" kind of computer than you will from loyal Windows PC owners!

Nonetheless, the likelihood is quite high that the computer you bought after careful research is a better choice than the computer you would have bought after conducting no research at all. Most of us would agree that you have a better chance of being "right" about your choice of computer (and just about anything else) if that choice is informed by research.

Exercise 1.1

Working alone or collaboratively in small groups, answer the following questions:

- **What are some examples of some of the decisions you have made that were based on a research method similar to the one described here? What do you think would have been the result of your decision had you not done any research?**
- **Can you think of any decisions that you have made that were not based on research? Would these decisions have turned out more favorably had you conducted some basic research?**
- **What kinds of decisions do think are potentially best made without research?**

What's Different about Academic Research?

The reasons academics and scholars conduct research are essentially the same as the reasons someone does research on the right computer to buy: to find information and answers to questions with a method that has a greater chance of being accurate than a guess or a "gut feeling." College professors in a history department, physicians at a medical school, graduate students studying physics, college juniors in a literature class, students in an introductory research writing class—all of these people are members of the academic community, and they all

use research to find answers to their questions that have a greater chance of being "right" than making guesses or betting on feelings.

Students in an introductory research writing course are "academics," the same as college professors? **Generally speaking, yes.** You might not think of yourself as being a part of the same group as college professors or graduate students, but when you enter a college classroom, you are joining the academic community in the sense that you are expected to use your research to support your ideas and you are agreeing to the conventions of research within your discipline. Another way of looking at it: first-year college students and college professors more or less follow the same "rules" when it comes to making points supported by research and evidence.

A Student Profile:
Daniel Marvins, New to Academic Research

Daniel Marvins is a first year college student at a large public university in the Midwest. While he certainly wrote plenty of essays when he was in high school, Marvins thought that the kind of research writing his teacher was asking him to do for his writing class was different.

"In high school, we wrote more about stories and poems and newspaper articles we read," Marvins said. "We didn't do a lot of research, other than looking things up on the web."

Marvins was ready for the challenge of tackling the thinking and research that would be expected of him in college. But he still wasn't sure about being "an academic." "I never thought of it that way, because I didn't really see how the stuff I had to write for school made me anything like my teachers. But I guess I'm starting to see the connection."

Read Marvins' "Working Thesis Essay" in Chapter 5, "The Working Thesis Exercise."

Primary Research Versus Secondary Research

Before you begin to answer your questions, you'll need to know about two types of research: primary research and secondary research. And, you'll need to learn about the differences between them.

Primary research is usually the "raw stuff" of research—the materials that researchers gather on their own and then analyze in their writing. For example, primary research would include the following:

- The experiments done by chemists, physicists, biologists, and other scientists.
- Researcher-conducted interviews, surveys, polls, or observations.
- The particular documents or texts (novels, speeches, government documents, and so forth) studied by scholars in fields like English, history, or political science.

Secondary research is usually considered research from texts where one researcher is quoting someone else to make a point. For example, secondary research would include the following:

- An article in a scientific journal that reported on the results of someone else's experiment.
- A magazine or newspaper account of an interview, survey, or poll done by another researcher.
- An article in a scholarly journal or a book about a particular novel or speech.

When you quote from another article in your research project, your writing becomes an example of secondary research. When other researchers quote information from your research project in *their* research project, *your* research project is considered a secondary source for them. And if a researcher decides to write about you (a biography, for example) and if that researcher examines and quotes from some of the writings you did in college-- like the research project you are working on right now-- then your project would probably be considered a primary source.

Obviously, the divisions between primary and secondary research are not crystal-clear. But even though these differences between primary and secondary research are somewhat abstract, the differences are good ones to keep in mind as you consider what to research and as you conduct your research. For example, if you were writing a research project on the connection between pharmaceutical advertising and the high cost of prescription drugs, it would be useful and informative to consider the differences between primary research on the subject (an article where the researcher documents statistical connections) and the secondary research (an essay where another researcher summarizes a variety of studies done by others).

Of course, the term "secondary" research has nothing to do with the quality or value of the research; it just means that to answer the questions of your research project and to support your point, you are relying in great part on the observations and opinions of others.

Most research projects completed by students in writing classes are based almost exclusively in secondary research because most students in introductory writing classes don't have the time, resources, or expertise to conduct credible primary research. However, sometimes some modest primary research is a realistic option. For example, if you were writing about the dangers of Internet-based computer crime and someone on your campus was an expert in the subject and was available for an interview, your interview of her would be primary research. If you were writing about the problems of parking on your campus, you might conduct some primary research in the form of observations, surveys of the students that drive and try to park on campus, interviews of the campus officials in charge of parking, and so forth.

Exercise 1.2

Working alone or collaboratively in small groups, answer the following questions:

- **What other sorts of evidence do you think you would find that would count as "primary" research? What other sorts of evidence do you think would count as "secondary" research?**
- **Think about the kind of topics you are interested in researching and writing about. What sorts of "primary" research can you imagine examining that might be useful in your writing? What sorts of "secondary" research can you imagine examining that might be useful in your writing?**

Scholarly versus Non-Scholarly Sources

Before you begin to research you should be aware of the difference between "scholarly" and "non-scholarly" or popular sources.

Scholarly or academic publications are those where academics publish their research and opinions about topics of concern in their discipline. By and large, scholarly publications are highly specialized periodicals, as many of their titles suggest: *College Composition and Communication, Foodservice Research International,*or the *Journal of Analytic Social Work*. Scholarly periodicals tend to be published less frequently than popular sources, perhaps monthly, quarterly, or even less often. For the most part, the readers of scholarly journals are scholars themselves interested in the specific field of the publication—in other words, the articles in these publications are written for academics (both students

and teachers) interested in the field, not a "general audience." Because of the audience, the language of academic journals is often specialized and potentially difficult to understand for a reader not familiar with the field.

Scholarly or academic sources tend to be kind of bland in appearance: other than charts, graphs, and illustrations that appear predominantly in scientific publications, most academic journals include few color photos or flashy graphics. Most academic journals are not published in order to make a profit: while they frequently include some advertising, they usually only include a few ads to offset publication costs. Also, most academic journals are associated with academic organizations or institutions that subsidize and support their publication. Unless you are a subscriber, chances are the only place you will find most of these journals in your college or university library.

Usually, the articles that appear in academic journals indicate where the writer's evidence comes from with footnotes, end notes, or information in parentheses. Most academic articles end with a "bibliography" or a "works cited" page, which is a list of the research the writer used in his essay. This practice—generally called "citation"—is particularly important in scholarly writing because the main audience of these articles (other scholars) is keenly interested in knowing where the writers got their information. As a member of the academic community, you too will have to follow some system of citation in the research project you do for this and other classes.

Hyperlink: See "Chapter 12: Citing Your Researching Using MLA or APA Style."

Non-scholarly or popular sources tend to be written by journalists and writers who are not necessarily experts about the subject they are writing about. While there certainly are specialized popular sources, they tend to have names most of us have seen on the magazine racks of grocery and drug stores—*GQ, Cosmopolitan, Better Homes and Gardens, Sports Illustrated,* and so on—and even specialized popular sources tend to be written with a more general audience in mind. Writers of popular sources reach a general and broad audience by keeping the style of the writing in their articles approachable to people from a variety of different educational backgrounds—not necessarily members of the academic community.

Many popular periodicals are published weekly and almost all of them are published at least monthly. They tend to be visually appealing with lots of color photographs, graphics, and advertisements. Almost all popular sources are intended to make a profit, and some of the better known periodicals (*Time* or*Newsweek,* for example) sell millions of copies every week. Finally,

popular sources rarely provide citation information about where the writer got her information.

Generally speaking, academic and non-academic books have characteristics that are similar to academic and non-academic periodicals. Academic books tend to be written by and for academics, are usually somewhat bland in appearance, tend to be published by companies that are supported by academic institutions, and tend to be only available at academic libraries or specialized bookstores. Non-academic books tend to be written by journalists or other writers trying to reach a more general audience, they are more eye-catching in appearance, they are published by large and for profit publishing companies, and they are more readily available at public libraries and bookstores.

Scholarly versus Non-Scholarly or Popular Sources

Scholarly Sources	Non-Scholarly or Popular Sources
Usually titled according to their specialization (*College English, Journal of Analytic Social Work,* etc.)	Often titled in ways that have little to do with their focus (*Newsweek, Time, People,* etc.)
Contain articles written by and for academics with language that is highly specialized for academic readers	Contain articles written by journalists and in a language that is for a non-academic reader
Often published less frequently than monthly	Almost always published at least monthly, and often weekly
Usually fairly bland in appearance	Visually appealing and attractive in appearance
Generally not published "for profit" and usually supported by an academic organization or institution	Generally published "for profit," and many well-known popular publications are very profitable; often supported by very large corporations
Almost always available only through subscription or at an academic library	Almost always readily available at bookstores, grocery and convenience stores
Most publish fewer than 5,000 copies of an issue	Many publish tens of thousands of copies each issue
Its articles follow some sort of citation system (MLA or APA, for example) that allow its readers to know where the writer's research comes from	Very rarely contain any sort of citation information that allows readers to know where writers found their information

Sources that are Both Scholarly and Non-Scholarly?

While these differences between scholarly and non-scholarly sources might seem straight-forward, many publications are somewhere in between scholarly and non-scholarly. A journal like *College English* is clearly an academic source and a magazine like *People* is clearly a popular source. But categorizing magazines like *Ms., Harper's,* or *The Atlantic* is more difficult since these publications tend to publish articles that are in many ways similar to the articles published in more academic sources.

Another difficult to categorize source is corporate or "trade" journals. Most professions and industries have highly specialized publications about that particular business. For example, *Human Resource Executive* is targeted to professionals who work in Human Resources departments, *Accounting Today* is for and about the accounting business, and *Advertising Age* focuses on the advertising industry. While most of the writers and editors of trade journals do not have scholarly backgrounds, they tend to be highly focused and knowledgeable about their business. An article about hiring trends in *Human Resource Executive* will probably have more in common with an academic source than it will with a popular source.

A third "in between" type of research resource is newspapers. On the one hand, most newspapers would seem to share the characteristics of non-scholarly or popular sources: they are written for a general audience by writers who are not necessarily experts, they include many photographs and graphics, and so on. However, a number of publications like *The Chronicle of Higher Education* are quite different from most newspapers because they are written for a specialized audience, like college and community college teachers and administrators. Further, newspapers tend to be used by a wide variety of readers and writers-- including scholars-- as a source of basic and reliable information about day-to-day events.

In research writing courses, teachers will often insist students use only or mostly scholarly sources in their research projects because, as is discussed in some detail in the next section in this chapter, **scholarly sources tend to be more credible and reliable than non-scholarly sources.** This is not to say that popular sources aren't credible or reliable; clearly, most of them are, and in many cases, specialized popular sources can be very useful in academic research. A research project about computer crime may very well include relevant information from a popular source like *WIRED* or a trade publication written for people who work in the computer industry.

However, scholarly sources are generally considered *more* credible and reliable than popular sources. They tend to publish articles that go into more detail about their subjects, they are written for a more knowledgeable audience, and they are written by experts.

Exercise 1.3

Working alone or collaboratively in small groups, consider the following questions:

- **What sorts of scholarly sources are you and your classmates already familiar with? What sorts of non-scholarly sources of evidence are you already familiar with that might be useful for your research process?**

- **Think about the kind of topics you are interested in researching and writing about. Are you aware of any scholarly sources where you are likely to find research on your topic? What about popular or non-scholarly publications?**
- **If you are not yet familiar with specific titles of scholarly or popular sources that might be relevant for your topic, what kind of research would you conduct to find these sources?**

The Internet: The Researcher's Challenge

Along with the distinction between primary and secondary sources and the distinction between scholarly and non-scholarly publications, you now need to consider a relatively new type of research source as you gather your evidence: the Internet, particularly the World Wide Web. The Internet started up almost 30 years ago, and elements like electronic mail ("email") and bulletin board newsgroup discussions have been around for quite some time.

Widespread use of the Internet really took off in the early 1990s with the development of the World Wide Web and browser software like Mosaic, Netscape, and Internet Explorer. In fact, the Web has become such a powerful research resource that many beginning research writing students wonder why they should go to the library at all.

Hyperlink: See the section "What's 'a library?' & 'What's The Internet?'" in Chapter 2, "Understanding and Using the Library and the Internet for Research, pages xx-xx.

The Web has become such a powerful medium in part because it has such a far reach—literally, anyone anywhere in the world who is connected to the World Wide Web with the right computer and the right software can access almost any of the hundreds of millions of "pages" and other documents on the Web. But it also has grown so quickly because it is relatively easy to put documents on to the Web. In fact, you too might consider exploring some of the options through your school or through a commercial service for joining the World Wide Web community by publishing your research project on the Web.

Hyperlink: See the section "The Web-based Research Project" in Chapter 11, "Alternative Ways to Present Your Research."

Nowadays, the Web has become dominated by corporate and "mainstream" sites that are advertised on television and in traditional magazines and newspapers, which means that it is difficult for an individual's Web site to compete with the

Web sites of *The New York Times* or amazon.com. But individuals can still publish their own Web sites, and individually published Web sites can still attract a large and international audience.

Indeed, one of the great strengths of the World Wide Web is that just about anyone can put up "professional looking" Web pages that can reach a potential audience of millions. However, this strength of the Web is also its weakness, at least as far as being a good place to look for research because ***anyone*** can publish what appears to be a "professional" Web site, regardless of his or qualifications.

This fact means the Web is significantly different from more traditional sources of research. Most scholarly publications are closely scrutinized by editors and other scholars within a particular field. Further, the articles that appear in even the most non-scholarly of popular sources pass through a variety of different writers and editors before they make it to press.

The problem with many Web pages is that the review process and editors that we assume to be in place with traditional print sources are simply not there. For example, it would be easy for me to fabricate a Web site (complete with charts, graphs, and fake statistics) that argued that students and teachers who used this textbook became more fit, richer, and better-looking. Such inaccurate claims would never pass the review process of a scholarly journal or a popular magazine--with the possible exception of the sort of tabloid we all see at the grocery store check-out that reports on Elvis sightings. But on the Web, it is just another page which, if someone finds it "believable," could be included in someone's research writing.

The Dihydrogen Monoxide Research Division web site, <http://www.dhmo.org>, certainly *looks* like an official and reliable web site. What seems to make it a bit suspect? What exactly is Dihydrogen Monoxide, anyway?

More seriously, many deceptive and "professional" looking Web pages present*very* inaccurate and misleading information and they are not intended to be jokes. Some of these pages are the work of various hate groups—racists or Holocaust deniers, for example—and some of these sites seem to be the work of con artists. But when these sites are read uncritically, they can cause serious problems for academic researchers.

Of course, not *everything* you find on the Web is untrustworthy. Far from it. For one thing, the lines between what counts as an Internet source and a more traditional "print" source are beginning to blur. There are numerous online databases available in many libraries that have complete text versions of articles from academic and popular periodicals, and the articles from these databases are every bit as reliable as the traditional print sources.

Hyperlink: See the discussion about electronically available periodicals in the section "Journals, Magazines, and Newspapers" in Chapter 2, "Understanding and Using the Library and the Internet for Research."

Additionally, more and more traditional print sources are creating and maintaining Web sites. Almost all of the most popular news magazines, newspapers, and television networks have Web pages that either reproduce information available in more traditional formats or that publish articles

specifically for the Web. More and more scholarly publications are becoming available on the Web as well, and considering the international reach and low cost of publishing on the Web, it seems inevitable that more (maybe most) academic journals will eventually move from being traditional print journals to ones available only online.

Conversely, not everything you find in traditional print publications—either scholarly or non-scholarly—is always accurate and truthful. Despite the safeguards that most academic and popular publications follow to ensure they publish truthful and accurate articles, there are all sorts of examples of inaccuracies in print.

More common and therefore perhaps more problematic, small errors and misrepresentations appear in both academic and popular sources, evidence that the process of editorial review is not perfect. And what "counts" as true or accurate in many fields is a question of some debate and uncertainty, and this is frequently reflected in published articles of all sorts.

Here's my point: as I will discuss in the next section of this chapter, the best way to ensure that your evidence is reliable, regardless of where you found that evidence, is to seek out a variety of different types of evidence and to think critically about the quality and credibility of your sources. This is particularly true with Web-based research.

Exercise 1.4

Working alone or collaboratively in small groups, consider the following questions:

- **Think of a web site that you visit on a regular basis. What makes this site a useful and credible resource for you?**
- **Are there any Web sites that you have come across that you thought were not believable or credible? Why did you find this site not believable?**

Evaluating the quality and credibility of your research

Finding evidence that answers a question is only the first part of the research process. You also have to evaluate the quality and credibility of your research. Inevitably, as we've already seen in this chapter, you do this as you consider the origins of your research—primary versus secondary research,

scholarly versus popular sources, the Internet, and so forth. But evaluating the quality and credibility of your research is more subtle and complicated than just determining the source of the evidence. Consider again the example from the beginning of this chapter about deciding which computer to buy. One of the things you would have to weigh is the credibility of the information you received from your friends compared to the information you received from a salesperson at the computer store. You can probably count on your friends to be trustworthy and honest, but they might not know much about computers. Conversely, while a salesperson might know a lot about computers, you may be uncertain to what extent you can trust him to give you the best advice. The salesperson wants to sell you a computer, which means that his motivations might be consciously or unconsciously influencing the information he is providing you.

Who should you trust? We have all been in situations like this, and there is no easy way to answer that question. Chances are, you'll make your computer decision based on your interpretation of the evidence and based on what you perceive to be the reliability and credibility of your different sources. If someone else were faced with the same computer decision and the same evidence, they might make a different choice. That is why there are different kinds of computers on the market and that is why different people can do the same sort of research about "the best" computer and why they can arrive at different conclusions.

Academic research is not much different in the sense that different researchers, considering the same or similar evidence, often arrive at different conclusions. Academic research rarely provides clear answers in the sense of definitively knowing the "rights" and "wrongs" about some issue. Not all academics think that computer hacking is wrong (or right), that the solution to commercial over-fishing is strict international control, or that F. Scott Fitzgerald's novel *The Great Gatsby* depicts the connection between material goods and the American dream. Rather, there are debates about these issues, differences of interpretation and opinion that result from different researchers looking at the same evidence.

Furthermore, the debates about differences of opinion on how to interpret evidence are good and healthy because these discussions further our understanding of complex issues. If we all agreed that something was true, then there would be no point in conducting research and writing about it. Indeed, if we all agreed about everything and had all of our questions answered as well as we thought possible, there would be no point to education at all!

Ultimately, there is no easy formula for evaluating the credibility and reliability of research. But there are some basic questions you should ask about your all of your evidence to ensure it is reliable and credible:

- Who wrote it?
- What do you think motivated the writer?
- Where was it published?
- When was it written?

Who wrote or said it?

Is there an author named with the evidence?

If your evidence does not name the author, it might still be reliable, especially if you have confidence about where the evidence was published. However, most credible and reliable publications tell readers who wrote the articles they contain.

On Web pages and other Internet-based sources, it can sometimes be tricky to find the name of the Web page's author. Many web sites don't name an author, which, given the nature of the Web, should send up red flags for you as a researcher regarding the credibility of the evidence. But like print publications, more credible Web pages will include the name of the page's writer. Be sure to look for the writer's name throughout the particular page (including the bottom) and related pages within the Web site.

What are the qualifications of the author?

Does he or she seem to be an expert in the field?

Have he or she written about this topic before?

Are there other experiences that seem to uniquely qualify him or her as a reliable and credible source on this topic?

Many academic publications will give a lot of detail about their authors, including their degrees and academic training, the institution where they work (if they are a college professor or instructor), and other publications they have had in the past. Popular sources tend to include less information about their writers, though they too will often indicate in a byline (where the writer's name is listed in a magazine or newspaper article) if the writer is a reporter, contributing editor, or editor for a particular subject.

Credible web sources will also describe the qualifications of the source's author or authors. If you can find an author's name on a Web site but you can't find anything about their qualifications on their research subject, you should be suspicious about what that research has to say.

Have you come across the writer based on some of the other research you have done?

After you have conducted a bit of research on your topic, you might find yourself coming across the same authors writing similar articles in different publications. You might also find different publications referring to the author or her work, which would suggest that the author is indeed reliable and credible in her field. After all, if other articles and writers refer positively to a particular writer or her articles again and again, then it seems likely that the often-referred-to writer is credible.

Understanding and trusting the expertise of the author of your evidence is probably the most crucial test of credibility and reliability of that evidence.

Simply put, academics find evidence that comes from an author who is a credible expert to be much more persuasive than evidence that does not come from an expert.

For example, while my mom is a reliable source of information regarding many different topics, it would do you little good for me to interview her for an academic research project about the problems of over-fishing. Mind you, I value my mom's thoughts and wisdom, and she might have some things to say about the effects of decreased catches of fish that I find insightful. However, because my mom doesn't have any expertise about commercial fishing and because she doesn't know anything more (or less) about it than most people, most of the readers of my research project won't be persuaded by what she has to say.

On the other hand, my mother was a hopsice work for many years, working with terminally ill patients and their families. If I were conducting research about the advantages and disadvantages of hospice care for terminally ill patients, my mom might be a very interesting and credible source.

What do you think motivated the writer?

Is the writer identified with a particular organization or group that might have a specific interest in the subject of the writing?

This can often be the source of conscious or unconscious bias. An obvious example: a writer who is identified as a member of the National Riflemen's

Association, which represents a variety of Americans particularly interested in protecting the right to own guns, will certainly have a different view on gun ownership than a member of The Center to Prevent Handgun Violence, an organization working to enact gun control legislation.

You need to be particularly careful with Web-based sources of research when considering the writer's affiliation with different groups or organizations. There have been numerous incidents where Web page writers falsely claimed their Web pages were affiliated with particular groups or causes.

Does the writer identify himself or herself with an explicit political group or party?

Considering a writer's politics is particularly important when thinking about the credibility of a Web site. Besides the ease with which a writer can misrepresent themselves or others, the low cost and wide reach of the Web has also made it an attractive forum for hate groups, terrorists, and other "fringe" political movements. This doesn't automatically mean the information you find on reactionary or radical Web sites is wrong; however, writers with particularly strong and extreme politics frequently present information that is biased to the point of inaccuracy.

Of course, while it is important to consider why a writer wrote about her subject and to think about how her motivations impact how she wrote about his or her subject, having a particular bias or motivation doesn't automatically lead to a lack of credibility or reliability.

Where was it published?

Was the piece of writing published in an academic or non-academic source? A book, a journal, a magazine, etc.? I've already discussed this a great deal in this chapter; generally speaking, academic sources are considered more credible than non-academic sources, and print-based sources are generally considered more credible than web-based sources.

But there are some more subtle tests of credibility and reliability concerning where a piece of research was published. For example, single-authored or co-authored scholarly books on a particular subject might be more regarded as more credible than a scholarly journal article because books go into much greater detail on topics than journal articles.

Are you familiar with the publication? If you are a new researcher to a particular field of study this can be a difficult question to answer since you might not have heard of some of the more well-known and credible publications known in that field. But once you get to know the field better (which will inevitably be the case as you conduct more research on your topic), chances are you will begin to realize certain publications are seen by experts in the field as more credible than others.

When was it written?

Last, but far from least, the date of publication can dramatically effect the credibility of your research. Obviously, this is especially important for date-sensitive research topics. If you were writing a research project about the Internet and the World Wide Web, chances are any research older than about 1990 or so would be of limited use since the Web literally did not exist before 1990.

But other potentially less obvious topics of research have date sensitive components to them. For example, if you were doing research on cigarette smoking or drunk driving, you would have to be careful about evaluating the credibility of research from the 1970s or 1960s or earlier since cultural "norms" in the United States for both smoking and drinking have changed a great deal.

Knowing (or rather, *not* knowing) the date of publication of a piece of research is yet another thing to be worried about when evaluating the credibility of Web-based sources. Many Web sites do not include any information about the date of publication or the date when the page was last updated. This means that you have no way of knowing when the information on that dateless page was published.

The date of publication is a key piece of information, the sort of thing that is always included in more print sources. Again, just because the date of publication or update is missing from a Web site does not automatically discount it as a credible source; however, it should make you suspicious.

Exercise 1.5

Working alone or collaboratively in small groups, consider a variety of different types of research—articles from scholarly and non-scholarly sources, newspaper articles, books, web sites, and other types of evidence. Using the criteria discussed here, how would you rate the quality and credibility of your research? Which of your sources seems the most reliable? Are there any pieces of evidence that, upon closer examination, do not seem credible or reliable?

Evidence Quality and Credibility Checklist

Who wrote or said it?

- The writer's name
- Qualifications
- Expertise in the field
- Previous publications on the topic
- Unique experiences of the writer

Why did the source write or say it?

- Association with an organization or group
- The writer's stated or implied politics

Where (what source) was it published?

- Academic/scholarly source versus non-academic/popular source
- Prior knowledge of publication

When was it published or said?

And when it comes to evidence from the 'net and World Wide Web…

- It's still important to know **who** wrote it, **why** you think they wrote it, **where** you found it online, and **when** was it published.
- If you **don't know** the answers to the who/why/where/when questions, you should be skeptical of the evidence.
- Don't be fooled by Web sites that "look" real, because…
- **Anybody can publish information on the Web, no matter what that information is.** Unlike most scholarly and many non-scholarly publications, Web writers don't have to have the work reviewed by editors and publishers to reach an audience.
- **The Internet and the World Wide Web are still good places to find research.** You just have to be a bit more careful with them.

Chapter Ten

The Research Essay

- A "Research Essay" Instead of A "Research Paper"
- Getting Ready: Questions to Ask Yourself About Your Research Essay
- Creating and Revising a Formal Outline
- The Introduction
- Giving Your Readers Background Information

- Weaving in Evidence to Support Your Points
- Accounting for the Opposition: Antithetical Arguments
- Conclusions
- Works Cited/Bibliography

A "Research Essay" or a "Research Project" instead of a "Research Paper"

Throughout this book, I've purposefully avoided the term "research paper" for three reasons. First, while teachers assign and students write essays in college classes that are commonly called "research papers," there is no clear consensus on the definition of a research paper. This is because the definition of "research" differs from field to field, and even between instructors within the same discipline teaching the same course.

Second, while the papers we tend to call "research papers" do indeed include research, most other kinds of college writing require at least some research as well. All of the exercises outlined in Part Two of the book, " Exercises in the Process of Research" are examples of this: while none of these assignments are "research papers," all of them involve research in order to make a point.

A third reason has to do with the connotations of the word "paper" versus the word "essay." For me, "paper" suggests something static, concrete, routine, and uninteresting—think of the negative connotations of the term bureaucratic "paperwork," or the policing mechanism of "showing your papers" to the authorities. On the other hand, the word "essay" has more positive connotations: dynamic, flexible, unique, and creative. The definitions of essay in dictionaries I have examined include terms like "attempt," "endeavor," and "a try." As a writer, I would much rather work on something that was a dynamic and creative endeavor rather than a static and routine document. My hope is that you, as a student and a writer, feel the same way.

This chapter is about writing a research essay. While I cannot offer you *exact* guidelines of how to do this for each and every situation where you will be asked to write such a paper or essay, I can provide you with the general guidelines and advice you'll need to successfully complete these sorts of writing assignments. In the next chapter, I'll describe a few alternatives to presenting your research in a conventional essay.

Getting Ready: Questions to Ask Yourself About Your Research Essay

If you are coming to this chapter after working through some of the writing exercises in Part Two, "Exercises in the Process of Research," then you are ready to dive into your research essay. By this point, you probably have done some combination of the following things:

- Thought about different kinds of evidence to support your research;
- Been to the library and the internet to gather evidence;
- Developed an annotated bibliography for your evidence;
- Written and revised a working thesis for your research;
- Critically analyzed and written about key pieces of your evidence;
- Considered the reasons for disagreeing and questioning the premise of your working thesis; and
- Categorized and evaluated your evidence.

In other words, you already have been working on your research essay through the process of research writing.

But before diving into writing a research essay, you need to take a moment to ask yourself, your colleagues, and your teacher some important questions about the nature of your project.

- **What is the specific assignment?**

It is crucial to consider the teacher's directions and assignment for your research essay. The teacher's specific directions will in large part determine what you are required to do to successfully complete your essay, just as they did with the exercises you completed in part two of this book.

If you have been given the option to choose your own research topic, the assignment for the research essay itself might be open-ended. For example:

Write a research essay about the working thesis that you have been working on with the previous writing assignments. Your essay should be about ten pages long, it should include ample evidence to support your point, and it should follow MLA style.

Some research writing assignments are more specific than this, of course. For example, here is a research writing assignment for a poetry class:
Write a seven to ten page research essay about one of the poets discussed in the last five chapters of our textbook and his or her poems. Besides your analysis and interpretation of the poems, be sure to cite scholarly research that

supports your points. You should also include research on the cultural and historic contexts the poet was working within. Be sure to use MLA documentation style throughout your essay.

Obviously, you probably wouldn't be able to write a research project about the problems of advertising prescription drugs on television in a History class that focused on the American Revolution.

- **What is the main purpose of your research essay?**

Has the goal of your essay been to answer specific questions based on assigned reading material and your research? Or has the purpose of your research been more open-ended and abstract, perhaps to learn more about issues and topics to share with a wider audience? In other words, is your research essay supposed to answer questions that indicate that you have learned about a set and defined subject matter (usually a subject matter which your teacher already more or less understands), or is your essay supposed to discover and discuss an issue that is potentially unknown to your audience, including your teacher.

The "demonstrating knowledge about a defined subject matter" purpose for research is quite common in academic writing. For example, a political science professor might ask students to write a research project about the Bill of Rights in order to help her students learn about the Bill of Rights and to demonstrate an understanding of these important amendments to the U.S. Constitution. But presumably, the professor already knows a fair amount the Bill of Rights, which means she is probably more concerned with finding out if you can demonstrate that you have learned and have formed an opinion about the Bill of Rights based on your research and study.

"Discovering and discussing an issue that is potentially unknown to your audience" is also a very common assignment, particularly in composition courses. As the examples included throughout *The Process of Research Writing* suggest, the subject matter for research essays that are designed to inform your audience about something new is almost unlimited.

Hyperlink: See "Chapter 5: The Working Thesis Exercise" and the guidelines for "Working With Assigned Topics" and "Coming Up With a Topic of Your Own Idea."

Even if all of your classmates have been researching a similar research idea, chances are your particular take on that idea has gone in a different

direction. For example, you and some of your classmates might have begun your research by studying the effect on children of violence on television, either because that was a topic assigned by the teacher or because you simply shared an interest in the general topic. But as you have focused and refined this initially broad topic, you and your classmates will inevitably go into different directions, perhaps focusing on different genres (violence in cartoons versus live-action shows), on different age groups (the effect of violent television on pre-schoolers versus the effect on teen-agers), or on different conclusions about the effect of television violence in the first place (it is harmful versus there is no real effect).

- **Who is the main audience for your research writing project?**

Besides your teacher and your classmates, who are you trying to reach with your research? Who are you trying to convince as a result of the research you have done? What do you think is fair to assume that this audience knows or doesn't know about the topic of your research project? Purpose and audience are obviously closely related because the reason for writing something has a lot to do with who you are writing it for, and who you are writing something for certainly has a lot to do with your purposes in writing in the first place.

In composition classes, it is usually presumed that your audience includes your teacher and your classmates. After all, one of the most important reasons you are working on this research project in the first place is to meet the requirements of this class, and your teacher and your classmates have been with you as an audience every step of the way.

Contemplating an audience beyond your peers and teachers can sometimes be difficult, but if you have worked through the exercises in Part Two of *The Process of Research Writing*, you probably have at least some sense of an audience beyond the confines of your class. For example, one of the purposes "Critique Exercise" in Chapter 7 is to explain to your readers why they might be interested in reading the text that you are critiquing. The goal of the "Antithesis Exercise" in Chapter 8 is to consider the position of those who would disagree with the position you are taking. So directly and indirectly, you've probably been thinking about your readers for a while now.

Still, it might be useful for you to try to be even more specific about your audience as you begin your research essay. Do you know any "real people" (friends, neighbors, relatives, etc.) who might be an ideal reader for your research essay? Can you at least imagine what an ideal reader might want to get out of reading your research essay?

I'm not trying to suggest that you ought to ignore your teacher and your classmates as your primary audience. But research essays, like most forms of writing, are strongest when they are intended for a more specific audience, either someone the writer knows or someone the writer can imagine. Teachers and classmates are certainly part of this audience, but trying to reach an audience of potential readers beyond the classroom and the assignment will make for a stronger essay.

- **What sort of "voice" or "authority" do you think is appropriate for your research project?**

Do you want to take on a personal and more casual tone in your writing, or do you want to present a less personal and less casual tone? Do you want to use first person, the "I" pronoun, or do you want to avoid it?

My students are often surprised to learn that it is perfectly acceptable in many types of research and academic writing for writers to use the first person pronoun, "I." It is the tone I've taken with this textbook, and it is an approach that is very common in many fields, particularly those that tend to be grouped under the term "the humanities.

For example, consider this paragraph from Kelly Ritter's essay "The Economics of Authorship: Online Paper Mills, Student Writers, and First-Year Composition," which appeared in June 2005 issue of one of the leading journals in the field of composition and rhetoric, *College Composition and Communication*:

When considering whether, when, and how often to purchase an academic paper from an online paper-mill site, first-year composition students therefore work with two factors that **I** wish to investigate here in pursuit of answering the questions posed above: the negligible desire to do one's own writing, or to be an author, with all that entails in this era of faceless authorship vis-á-vis the Internet; and the ever-shifting concept of "integrity," or responsibility when purchasing work, particularly in the anonymous arena of online consumerism. (603, emphasis added)

Throughout her thoughtful and well-researched essay, Ritter uses first person pronouns ("I" and "my," for example) when it is appropriate: "I think," "I believe," "my experiences," etc.

This sort of use of the personal pronoun is not limited to publications in English studies. This example comes from the journal *Law and Society Review* (Volume 39,

Issue 2, 2005), which is an interdisciplinary journal concerned with the connections between society and the law. The article is titled "Preparing to Be Colonized: Land Tenure and Legal Strategy in Nineteenth-Century Hawaii" and it was written by law professor Stuart Banner:

The story of Hawaii complicates the conventional account of colonial land tenure reform. Why did the land tenure reform movement of the late nineteenth and early twentieth centuries receive its earliest implementation in, of all places, Hawaii? Why did the Hawaiians do this to themselves? What did they hope to gain from it? This article attempts to answer these questions. At the end, **I** briefly suggest why the answers may shed some light on the process of colonization in other times and places, and thus why the answers may be of interest to people who are not historians of Hawaii. (275, emphasis added)

Banner uses both "I" and "my" throughout the article, again when it's appropriate.

Even this cursory examination of the sort of writing academic writers publish in scholarly journals will demonstrate my point: academic journals *routinely* publish articles that make use of the first person pronoun. Writers in academic fields that tend to be called "the sciences" (chemistry, biology, physics, and so forth, but also more "soft" sciences like sociology or psychology) are more likely to avoid the personal pronoun or to refer to themselves as "the researcher," "the author," or something similar. But even in these fields, "I" does frequently appear.

The point is this: using "I" is not inherently *wrong* for your research essay or for any other type of academic essay. However, you need to be aware of your choice of first person versus third person and your role as a writer in your research project.

Generally speaking, the use of the first person "I" pronoun creates a greater closeness and informality in your text, which can create a greater sense of intimacy between the writer and the reader. This is the main reason I've used "I" in *The Process of Research Writing:* using the first person pronoun in a textbook like this lessens the distance between us (you as student/reader and me as writer), and I think it makes for easier reading of this material.

If you do decide to use a first person voice in your essay, make sure that the focus stays on your research and does not shift to you the writer. When teachers say "don't use I," what they are really cautioning against is the *overuse* of the word "I" such that the focus of the essay shifts from the research to "you" the writer. While mixing autobiography and research writing can be interesting (as I

will touch on in the next chapter on alternatives to the research essay), it is not the approach you want to take in a traditional academic research essay.

The third person pronoun (and avoidance of the use of "I") tends to have the opposite effect of the first person pronoun: it creates a sense of distance between writer and reader, and it lends a greater formality to the text. This can be useful in research writing because it tends to emphasize research and evidence in order to persuade an audience.

(I should note that much of this textbook is presented in what is called second person voice, using the "you" pronoun. Second person is very effective for writing instructions, but generally speaking, I would discourage you from taking this approach in your research project.)

In other words, "first person" and "third person" are both potentially acceptable choices, depending on the assignment, the main purpose of your assignment, and the audience you are trying to reach. Just be sure to consistent—don't switch between third person and first person in the same essay.

- **What is your working thesis and how has it changed and evolved up to this point?**

If you've worked through some of the exercises in part two of *The Process of Research Writing,* you already know how important it is to have an evolving working thesis. If you haven't read this part of the textbook, you might want to do so before getting too far along with your research project. Chapter Five, "The Working Thesis Exercise," is an especially important chapter to read and review.

Remember: a ***working*** thesis is one that changes and evolves as you write and research. It is perfectly acceptable to change your thesis in the writing process based on your research.

Exercise 10.1

Working alone or in small groups, answer these questions about your research essay before you begin writing it:

- What is the specific research writing assignment? Do you have written instructions from the teacher for this assignment? Are there any details regarding page length, arrangement, or the amount of support evidence that you need to address? In your own words, restate the assignment for the research essay.

- What is the purpose of the research writing assignment? Is the main purpose of your research essay to address specific questions, to provide new information to your audience, or some combination of the two?
- Who is the audience for your research writing assignment? Besides your teacher and classmates, who else might be interested in reading your research essay?
- What sort of voice are you going to use in your research essay? What do you think would be more appropriate for your project, first person or third person?
- What is your working thesis? Think back to the ways you began developing your working thesis in the exercises in part two of *The Process of Research Writing.* In what ways has your working thesis changed?

If you are working with a small group of classmates, do each of you agree with the basic answers to these questions? Do the answers to these questions spark other questions that you have and need to have answered by your classmates and your teacher before you begin your research writing project?

Once you have some working answers to these basic questions, it's time to start thinking about actually writing the research essay itself. For most research essay projects, you will have to consider at least most of these components in the process:

- The Formal Outline
- The Introduction
- Background Information
- Evidence to Support Your Points
- Antithetical Arguments and Answers
- The Conclusion
- Works Cited or Reference Information

The rest of this chapter explains these parts of the research essay and it concludes with an example that brings these elements together.

Creating and Revising a Formal Outline

Frequently, research essay assignments will also require you to include a formal outline, usually before the essay begins following the cover page. Formal outlines are sort of table of contents for your essay: they give the reader a summary of the main points and sub-points of what they are about to read.

The standard format for an outline looks something like this:

```
I.    First Major Point

    A.    First sub-point of the first major point

        1.    First sub-point of the first sub-point

        2.    Second sub-point of the first sub-point

    B.    Second sub-point of the first major point

II.    Second Major point
```

And so on. Alternatively, you may also be able to use a decimal outline to note the different points. For example:

```
1.    First Major point

    1.1.    First sub-point of the first major point

        1.1.1    First sub-point of the first sub-

point

        1.1.2    Second sub-point of the first sub-

point

    1.2.    Second sub-point of the first major point

2.    Second Major point
```

Sometimes, teachers ask student writers to include a "thesis statement" for their essay at the beginning of the outline.

Generally speaking, if you have one "point," be it a major point or a sub-point, or sub-point of a sub-point (perhaps a sub-sub-point!), you need to have at least a second similar point. In other words, if you have a sub-point you are labeling "A.," you should have one labeled "B." The best rule of thumb I can offer in terms of the grammar and syntax of your various points is to keep them short and consistent.

Now, while the formal outline is generally the first thing in your research essay after the title page, writing one is usually the **last** step in the writing process. Don't start writing your research essay by writing a formal outline first because it might limit the changes you can make to your essay during the writing process.

Of course, a ***formal*** outline is quite different from a ***working*** outline, one where you are more informally writing down ideas and "sketching" out plans for your research essay before or as you write. There are no specific rules or methods for making a working outline-- it could be a simple list of points, it could include details and reminders for the writer, or anything in-between.

Making a working outline is a good idea, particularly if your research essay will be a relatively long and complex one. Just be sure to not confuse these two very different outlining tools.

If you're having trouble starting to write your research essay, revisit some of the tips I suggest in the "Brainstorming for Ideas" section of Chapter Five, "The Working Thesis Exercise."

Exercise 10.2

- Working alone or in small groups, make a formal outline of an already completed essay. You can work with any of the sample essays in previous chapters in *The Process of Research Writing* or any other brief sample. **Don't** work with the sample research essay at the end of this chapter, though-- there is a sample formal outline included with it.

- If you and your classmates made a formal outline of the same essay, compare your outlines. Were there any significant differences in your approaches to making an outline? What were they?

The Introduction

Research essays have to begin somewhere, and this somewhere is called the "introduction." By "beginning," I don't necessarily mean *only* the first paragraph—introductions in traditional research essays are frequently several paragraphs long. Generally speaking though, the introduction is about 25 percent or less of the total essay; in other words, in a ten-page, traditional research essay, the introduction would rarely be longer than two and a half pages.
Introductions have two basic jobs to perform:

- To get the reader's attention; and
- To briefly explain what the rest of the essay will be about.

What is appropriate or what works to get the reader's attention depends on the audience you have in mind for your research essay and the sort of voice or authority you want to have with your essay. Frequently, it is a good idea to include some background material on the issue being discussed or a brief summary of the different sides of an argument. If you have an anecdote from either your own experience or your research that you think is relevant to the rest of your project or will be interesting to your readers, you might want to consider beginning with that story. Generally speaking, you should avoid mundane or clichéd beginnings like "This research essay is about…" or "In society today…"

The second job of an introduction in a traditional research essay is to explain to the reader what the rest of the essay is going to be about. This is frequently done by stating your "thesis statement," which is more or less where your working thesis has ended up after its inevitable changes and revisions.

A thesis statement can work in a lot of different places in the introduction, not only as the last sentence at the end of the first paragraph. It is also possible to let your readers know what your thesis is without ever directly stating it in a single sentence. This approach is common in a variety of different types of writing that use research, though traditionally, most academic research essays have a specific and identifiable thesis statement.

Let's take a look at this example of a **WEAK** introductory paragraph:

In our world today, there are many health problems, such as heart disease and cancer. Another serious problem that affects many people in this country is diabetes, particularly Type II diabetes. Diabetes is a disease where the body does not produce enough insulin, and the body needs insulin to process sugars and starches. It is a serious disease that effects millions of people, many of whom don't even know they have the disease. In this essay, I will discuss how eating sensibly and getting plenty

of exercise are the most important factors in preventing Type 2 Diabetes.

The first two sentences of this introduction don't have much to do with the topic of diabetes, and the following sentences are rather vague. Also, this introduction doesn't offer much information about what the rest of the essay will be about, and it certainly doesn't capture the reader's attention.

Now, consider this revised and **BETTER** introductory paragraph:

Diabetes is a disease where the body does not produce enough of insulin to process starches and sugars effectively. According to the American Diabetes Association web site, over 18 million Americans have diabetes, and as many as 5.2 million of these people are unaware that they have it. Perhaps even more striking is that the most common form of diabetes, Type 2 Diabetes, is largely preventable with a sensible diet and exercise.

This introduction is much more specific and to the point, and because of that, it does a better job of getting the reader's attention. Also, because it is very specific, this introduction gives a better sense to the reader where the rest of the essay will be leading.

While the introduction is of course the first thing your readers will see, **make sure it is one of the last things you decide to revise in the process of writing your research essay.** You will probably start writing your essay by writing an introduction—after all, you've got to start somewhere. But it is nearly impossible to write a very effective introduction if the rest of the essay hasn't been written yet, which is why you will certainly want to return to the introduction to do some revision work after you've written your essay.

Exercise 10.3

- Working alone or in small groups, revise one of the following "bad" introductions, being sure to get the reader's attention, to make clear what the essay being introduced would be about, and to eliminate unneeded words and clichés. Of course, since you don't have the entire essay, so you may have to take certain liberties with these passages. But the goal is to improve these "bad beginnings" without changing their meaning.

Example #1:

In society today, there are many problems with television shows. A lot of them are not very entertaining at all. Others are completely inappropriate for

children. It's hard to believe that these things are on TV at all. In fact, because of a lot of the bad things that have been on television in recent years, broadcasters have had to censor more and more shows. They have done some of this voluntarily, but they have also been required to do this by irate advertisers and viewers as well. For example, consider Janet Jackson's famous "wardrobe malfunction" at the 2004 Super Bowl. I contend that Jackson's performance in the 2004 Super Bowl, accident or not, has lead to more censorship on television.

Example #2:

There are a lot of challenges to being a college student. We all know that studying and working hard will pay off in the end. A lot of college students also enjoy to cheer for their college teams. A lot of colleges and universities will do whatever it takes to have winning teams. In fact, some colleges and universities are even willing to allow in students with bad test scores and very low high school grades as long as they are great athletes and can make the team better. All of this leads to a difficult to deny observation: college sports, especially Division I football, is full of corruption and it is damaging the academic integrity of some of our best universities.

Background Information (or Helping Your Reader Find a Context)

It is always important to explain, contextualize, and orientate your readers within any piece of writing. Your research essay is no different in that you need to include background information on your topic in order to create the right context for the project.

In one sense, you're giving your reader important background information every time you fully introduce and explain a piece of evidence or an argument you are making. But often times, research essays include some background information about the overall topic near the beginning of the essay. Sometimes, this is done briefly as part of the introduction section of the essay; at other times, this is best accomplished with a more detailed section after the introduction and near the beginning of the essay.

How much background information you need to provide and how much context you need to establish depends a great deal on how you answer the "Getting

Ready" questions at the beginning of this chapter, particularly the questions in which you are asked to consider you ***purpose*** and your ***audience.*** If one of the purposes of your essay is to convince a primary audience of readers who know little about your topic or your argument, you will have to provide more background information than you would if the main purpose of your essay was to convince a primary audience that knows a lot about your topic. **But even if you can assume your audience is as familiar with the topic of your essay as you, it's still important to provide at least some background on your specific approach to the issue in your essay.**

It's almost always better to give your readers "too much" background information than "too little." In my experience, students too often assume too much about what their readers (the teacher included!) knows about their research essay. There are several reasons why this is the case; perhaps it is because students so involved in their research forget that their readers haven't been doing the same kind of research. The result is that sometimes students "cut corners" in terms of helping their audience through their essay. I think that the best way to avoid these kinds of misunderstandings is for you to always remember that your readers don't know as much about your specific essay as you do, and part of your job as a writer is to guide your reader through the text.

In Casey Copeman's research essay at the end of this chapter, the context and background information for the subject matter after the introduction; for example:

```
The problems surrounding corruption in university athletics
have been around ever since sports have been considered
important in American culture. People have emphasized the
importance of sports and the significance of winning for a
long time. According to Jerome Cramer in a special report
published in Phi Delta Kappan, "Sports are a powerful
experience, and America somehow took this belief of the
ennobling nature of sports and transformed it into a quasi-
religion" (Cramer K1).
```

Casey's subject matter, college athletics, was one that she assumed most of her primary audience of fellow college students and classmates were familiar with. Nonetheless, she does provide some basic information about the importance of sports team in society and in universities in particular.

Weaving in Evidence to Support Your Point

Throughout your research essay, you need to include evidence that supports your points. There is no firm rule as to "how much" research you will want or

need to include in your research essay. Like so many other things with research writing, it depends on your purpose, the audience, the assignment, and so forth. **But generally speaking, you need to have a piece of evidence in the form of a direct quote or paraphrase every time you make a claim that you cannot assume your audience "just knows."**

Hyperlink: See "Chapter 3: "Quoting, Paraphrasing, and Avoiding Plagiarism" for more details on how to effectively introduce quotes and paraphrases into your research writing.

Stringing together a series of quotes and paraphrases from different sources might show that you have done a lot of research on a particular topic, but your audience wants to know your ***interpretation*** of these quotes and paraphrases, and your reader wants and needs to be guided through your research. To do this, you need to work at explaining the significance of your evidence throughout your essay.

For example, this passage does a **BAD** job of introducing and weaving in evidence to support a point.

```
In America today, the desire to have a winning team drives
universities to admit academically unqualified
students.  "At many universities, the tradition of athletic
success requires coaches to produce not only competitive by
championship-winning teams" (Duderstadt 191).
```

The connection between the sentence and the evidence is not as clear as it could be. Further, the quotation is simply "dropped in" with no explanation. Now, compare it with this revised and **BETTER** example:

```
The desire to always have a winning team has driven many
universities to admit academically unqualified student
athletes to their school just to improve their sports
teams. According to James Duderstadt, former president of
the University of Michigan, the corruption of university
athletics usually begins with the process of recruiting and
admitting student athletes. He states that, "At many
universities, the tradition of athletic success requires
coaches to produce not only competitive but championship-
winning teams" (Duderstadt 191).
```

Remember: the point of using research in writing (be it a traditional research essay or any other form of research writing) is not merely to offer your audience

a bunch of evidence on a topic. Rather, the point of research writing is to interpret your research in order to persuade an audience.

Antithetical Arguments and Answers

Most research essays anticipate and answer antithetical arguments, the ways in which a reader might disagree with your point. Besides demonstrating your knowledge of the different sides of the issue, acknowledging and answering the antithetical arguments in your research essay will go a long way toward convincing some of your readers that the point you are making is correct.

Hyperlink: See "Chapter 8: "The Antithesis Exercise," which offers strategies for researching, developing, and answering antithetical arguments in your research writing.

Antithetical arguments can be placed almost anywhere within a research essay, including the introduction or the conclusion. However, you want to be sure that the antithetical arguments are accompanied by "answering" evidence and arguments. After all, the point of presenting antithetical arguments is to explain why the point you are supporting with research is the correct one.

In the essay at the end of this chapter, Casey brings up antithetical points at several points in her essay. For example:

```
To be fair, being a student-athlete isn't easy.  They are
faced with difficult situations when having to juggle their
athletic life and their academic life at school. As
Duderstadt said, "Excelling in academics is challenging
enough without the additional pressures of participating in
highly competitive athletic programs" (Duderstadt 190). So
I can see why some athletes might experience trouble
fitting all of the studying and coursework into their busy
schedules.
```

The Conclusion

As research essays have a beginning, so do they have an ending, generally called a conclusion. While the main purpose of an introduction is to get the reader's attention and to explain what the essay will be about, the goal of a conclusion is to bring the reader to a satisfying point of closure. In other words, a good conclusion does not merely "end" an essay; it wraps things up.

It is usually a good idea to make a connection in the conclusion of your essay with the introduction, particularly if you began your essay with something like a relevant anecdote or a rhetorical question. You may want to restate your thesis, though you don't necessarily have to restate your thesis in exactly the same words you used in your introduction. It is also usually not a good idea to end your essay with obvious concluding cues or clichéd phrases like "in conclusion."

Conclusions are similar to introductions on a number of different levels. First, like introductions, they are important since they leave definite "impressions" on the reader—in this case, the important "last" impression. Second, conclusions are almost as difficult to write and revise as introductions. Because of this, be sure to take extra time and care to revise your conclusion.

Here's the conclusion of Casey Copeman's essay, which is included at the end of this chapter:

As James Moore and Sherry Watt say in their essay "Who Are Student Athletes?", the "marriage between higher education and intercollegiate athletics has been turbulent, and always will be" (7). The NCAA has tried to make scholarly success at least as important as athletic success with requirements like Proposition 48 and Proposition 16. But there are still too many cases where under-prepared students are admitted to college because they can play a sport, and there are too still too many instances where universities let their athletes get away with being poor students because they are a sport superstar. I like cheering for my college team as much as anyone else, but I would rather cheer for college players who were students who worried about learning and success in the classroom, too.

Exercise 10.4

- If you worked with the examples in Exercise 10.3 on page xxx, take another look at the revised introductions your wrote. Based on the work you did in that exercise, write a fitting conclusion. Once again, since you don't have the entire essay, you'll have to take some liberties with what you decide to include in your conclusion.

"Works Cited" or "Reference" Information

If I were to give you one and only one "firm and definite" rule about research essay writing, it would be that you **must** have a section following the conclusion of your essay that explains to the reader where the evidence you cite comes from. This information is especially important in academic essays since academic readers are keenly interested in the evidence that supports your point.

If you're following the Modern Language Association rules for citing evidence, this last section is called "Works Cited." If you're following the American Psychological Association rules, it's called "References." In either case, this is the place where you list the full citation of all the evidence you quote or paraphrase in your research essay. **Note that for both MLA and APA style, research you read but didn't actually use in your research essay is not included.** Your teacher might want you to provide a "bibliography" with your research essay that does include this information, but this is not the same thing.

Hyperlink: For guidelines for properly citing your evidence and compiling "Works Cited" or "Reference" pages, see "Chapter 12: Citing Your Research Using MLA or APA Style."

Frankly, one of the most difficult aspects of this part of the research essay is the formatting—alphabetizing, getting the spacing right, underlining titles or putting them in quotes, periods here, commas there, and so forth. Again, see the appendix for information on how to do this. But if you have been keeping and adding to an annotated bibliography as you have progressed through the process of research (as discussed in chapter six), this part of the essay can actually be merely a matter of checking your sources and "copying" the citation information from the word processing file where you have saved your annotated bibliography and "pasting" it into the word processing file where you are saving your research essay.

Hyperlink: See the assignment for constructing an annotated bibliography in "Chapter 6: The Annotated Bibliography Exercise."

A Student Example:
"The Corruption Surrounding University Athletics" by Casey K. Copeman

The assignment that Casey Copeman followed to write this research essay is similar to the assignment described earlier in this chapter:

Write a research essay about the working thesis that you have been working on with the previous writing assignments. Your essay should be about ten pages long, it should include ample evidence to support your point, and it should follow MLA style.

Of course, it's also important to remember that Casey's work on this project began long before she wrote this essay with the exercises she worked through to develop her working thesis, to gather evidence, and to evaluate and categorize it.

The Corruption Surrounding University Athletics

By Casey Copeman

Outline

I. Introduction

II. Origins and description of the problem

A. The significance of sports in our society

B. The drive and pressure for universities to win leads to admitting academically unqualified student athletes

III. The Eligibility Rules Proposition 48 and Proposition 16

A. Proposition 48 explained

B. Proposition 16 explained

C. Proposition 16 challenged but upheld in the courts

D. Academic eligibility rules still broken

IV. Rules Broken At School

A. The pressures faced by athletes and universities

1. The pressures of being a student athlete

2. The pressures put on universities to recruit "good players"

B. “Athletics” emphasized over studies indirectly and directly

1. The indirect message is about sports above academics

2. Occasionally, the message to emphasize sports is direct

3. Student-athletes often steered into “easy” classes

C. Good student athletes, mostly in sports other than football and men’s basketball, get a bad name

V. Conclusion

Most young people who are trying to get into college have to spend a lot of time studying and worrying. They study to get good grades in high school and to get good test scores, and they worry about whether or not all of the studying will be enough to get them into the college of their choice. But there is one group of college students who don’t have to study and worry as much, as long as they are outstanding football or basketball players: student athletes.

Issues involving student athletes with unsatisfactory test scores, extremely low grade point averages, special privileges given to them by the schools, and issues concerning their coaches' influence on them academically, have all been causes of concern with university athletics. The result is a pattern where athletics at the university level are full of corruption surrounding the academic standards and admittance policy that are placed upon some university athletes. In this essay, I will explain what I see as the source of this corruption and the ways in which academic standards are compromised in the name of winning.

The problems surrounding corruption in university athletics have been around ever since sports have been

considered important in American culture. People have emphasized the importance of sports and the significance of winning for a long time. According to Jerome Cramer in a special report published in Phi Delta Kappan, "Sports are a powerful experience, and America somehow took this belief of the ennobling nature of sports and transformed it into a quasi-religion" (Cramer K1). Cramer also says, "The original sin of sports in United States society seems to have been committed when we allowed our games to assume too much of our lives. It was as if we could measure our moral fiber by the won/lost record of our local team. Once schools began to organize sports, winning became a serious institutional consideration. Our innocence vanished when we refused to accept losing" (Cramer K1).
This importance of sports and winning in the United States today is what has led to this corruption that we now see in our top universities when it comes to athletes and how they are treated by their schools.

The desire to always have a winning team has driven many universities to admit academically unqualified student athletes to their school just to improve their sports teams. According to James Duderstadt, former president of the University of Michigan, the corruption of university athletics usually begins with the process of recruiting and admitting student athletes. He states that, "At many universities, the tradition of athletic success requires coaches to produce not only competitive but championship-winning teams" (Duderstadt 191). This, in turn, "puts enormous pressure to recruit the most outstanding high school athletes each year, since this has become the key

determinant of competitive success in major college sports"(Duderstadt 192).

According to Duderstadt, "Coaches and admissions officers have long known that the pool of students who excel at academics and athletics is simply too small to fill their rosters with players who meet the usual admissions criteria" (Duderstadt 193). This pressure put on coaches to recruit the best athletes "leads them to recruit athletes who are clearly unprepared for college work or who have little interest in a college education" (Duderstadt 193). This obviously leads to a problem because although most universities have standards that must be met for students to be admitted, "in all too many cases, recruited athletes fail to meet even these minimum standards" (Duderstadt 193).

The National Collegiate Athletic Association (NCAA) set some minimum standards for admission in January of 1986. They had decided that "the time had come to make sure that college athletes were not only athletically qualified, but that they also were academically competent to represent schools of higher learning" (Cramer K4). Proposition 48 required that "all entering athletes score a minimum of 700 on their Scholastic Aptitude Test (SAT) and achieve a minimum high school grade point average in core academic courses of 2.0, or sit out their first year" (Duderstadt 194). This seemed like a fairly reasonable rule to most universities around the country, and some even thought, "a kid who can not score a combined 700 and keep a C average in high school should not be in college in the first place" (Cramer K4).

In 1992, the NCAA changed these requirements slightly with the introduction of proposition 16. According to the document “Who Can Play? An Examination of NCAA’s Proposition 16,” which was published on the National Center for Educational Statistics in August 1995, Proposition 16 requirements are “more strict than the current Proposition 48 requirements. The new criteria are based on a combination of high school grade point average (GPA) in 13 core courses and specified SAT (or ACT) scores.”

Some coaches and college athletes have argued against proposition 48 and proposition 16 because they claim that they unfairly discriminate against African-American students. According to Robert Fullinwider’s web-based article “Academic Standards and the NCAA,” some “black coaches were so incensed that they toyed with the idea of boycotting NCAA events.” Fullinwider goes on:
John Thompson, then-coach of Georgetown University’s basketball team, complained that poor minority kids were at a disadvantage taking the "mainstream-oriented" SAT. "Certain kids," he noted just after the federal court’s decision, "require individual assessment. Some urban schools cater to poor kids, low-income kids, black and white. To put everybody on the same playing field [i.e., to treat them the same in testing] is just crazy."

Fullinwider writes that the legality of Proposition 16 was challenged in March 1999 on the basis that it was discriminatory to African-American student athletes. However, in its summary of the case Cureton v. NCAA, the Marquette University Law School <u>You Make the Call</u> web site explains that the federal courts ultimately

decided that Proposition 16 was not a violation of students' civil rights and could be enforced by the NCAA.

With rules like Proposition 48 and Proposition 16, "the old practice of recruiting athletes who are clearly unqualified for admission with the hope that their contributions on the field will be sufficient before their inadequacy in the classroom, slowed somewhat" (Duderstadt 195). However, as facts show today, it seems as if these rules are harder to enforce in some universities than the NCAA originally thought.

There have been many documented instances of athletes being admitted to a university without even coming close to meeting the minimum requirements for academic eligibility set by the NCAA. One such instance happened just one year after Proposition 48 was enacted. North Carolina State University signed Chris Washburn, "one of the most highly recruited high school seniors in the nation" (Cramer K4). Although Washburn proved to be valuable to the team, it was later found out that "his combined score on the SAT was a whopping 470," and that he had "an abysmal academic record in high school" (Cramer K4). Both his SAT score and his poor grades in high school all fell much lower than the standards set by the NCAA.

According to Art Padilla, former vice president for academic affairs at the University of North Carolina System, student athletes like Chris Washburn are not uncommon at most universities (Cramer K5). He states, "Every major college sports institution has kids with that kind of academic record, and if they deny it, they are lying" (Cramer K5).

The admitting of unqualified students is not the only place where colleges seem to step out of bounds though. Once the athlete has been admitted and signed with the university, for some, a long list of corruption from the university is still to follow when it comes to dealing with their academics.

Furthermore, many universities face a lot of pressure to recruit good players to their schools regardless of their academic skills. Debra Blum reported in 1996 about the case of a star basketball player who wanted to attend Vanderbilt University. As Blum writes, “Vanderbilt denied him (basketball player Ron Mercer) admission, describing his academic record as not up to snuff. So he enrolled at Kentucky, where he helped his team to a national championship last season” (A51). The case of Vanderbilt losing Mercer caused a lot of “soul searching” at Vanderbilt, in part because there was a lot of pressure from “other university constituents, particularly many alumni ... to do what it takes to field more-competitive teams, especially in football and men’s basketball” (A51).

But these pressures are also the point where school officials are tempted to break the rules. As John Gerdy wrote in his article "A Suggestion For College Coaches: Teach By Example,” in universities where the purpose of recruiting a great athlete is to improve the team, they often claim, "intercollegiate athletics are about education, but it is obvious that they are increasingly about entertainment, money, and winning" (28).

Mixed messages are sent when some student-athletes "are referred to as "players" and "athletes" rather than

"students" and "student-athletes" (Gerdy 28). It is clear that these student-athletes are sometimes only wanted for their athletic ability, and it is also clear that there are sometimes many pressures to recruit such students. As Austin C. Wherwein said, many student athletes "are given little incentive to be scholars and few persons care how the student athlete performs academically, including some of the athletes themselves" (Quoted in Thelin 183).

In some cases, coaches directly encourage students to emphasize their athletic career instead of their studies. One such instance, reported in Sports Illustrated by Austin Murphy, involves an Ohio State tailback, Robert Smith, who quit the football team "saying that coaches had told him he was spending too much time on academics" (Murphy 9). Smith claims that offensive coordinator Elliot Uzelac "encouraged him to skip a summer-school chemistry class because it was causing Smith, who was a pre-med student, to miss football practice" (Murphy 9). Smith did not think this was right so he walked off the team (Murphy 9). Supposedly, "the university expressed support for Uzelac, who denied Smith's allegations" (Murphy 9).

Another way some universities sometimes manage the academic success of their student-athletes is to enroll them in easier classes, particularly those set up specifically for student-athletes. The curriculum for some of these courses is said to be "less than intellectually demanding"(Cramer K2). Jan Kemp, a remedial English professor at the University of Georgia who taught a class with just football players for students, was "troubled by

the fact that many of her students seemed incapable of graduating from college" (Cramer K2). This seems surprising, but in fact some athletes from the University of Georgia "were described as being given more than four chances to pass developmental studies classes" without ever being successful (Cramer K2). Also, "school records show that in an effort to keep athletes playing, several were placed in the regular academic curriculum without having passed even the watered-down classes" (Cramer K2). Although this particular story comes from the University of Georgia, it is not just unique to that school. Many universities have been guilty of doing such things for their athletes just so they could continue to play on the team.

Of course, not all student-athletes are bad students. Many student-athletes actually do well in school and excel both athletically and academically. But although these true "student-athletes" do exist, they are often overshadowed by those negative images of athletes who do not do as well in school. And while all sorts of different sports have had academic problems with their athletes, the majority of corruption at the university level exists in football and basketball teams (Cramer K3). According to Duderstadt, "football and basketball are not holding their own when it comes to student academic honors" (Duderstadt 190). He says "Football and basketball have developed cultures with low expectations for academic performance. For many student-athletes in these sports, athletics are clearly regarded as a higher priority than their academic goals" (Duderstadt 191). So although this label of the bad student-athlete does not even come close to applying to all athletes, some

universities are still considered, as John Thelin wrote in his book Games Colleges Play, "academically corrupt and athletically sound" (199).

As James Moore and Sherry Watt say in their essay “Who Are Student Athletes?”, the “marriage between higher education and intercollegiate athletics has been turbulent, and always will be" (7). The NCAA has tried to make scholarly success at least as important as athletic success with requirements like Proposition 48 and Proposition 16. But there are still too many cases where under-prepared students are admitted to college because they can play a sport, and there are too still too many instances where universities let their athletes get away with being poor students because they are a sport superstar. I like cheering for my college team as much as anyone else, but I would rather cheer for college players who were students who worried about learning and success in the classroom, too.

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