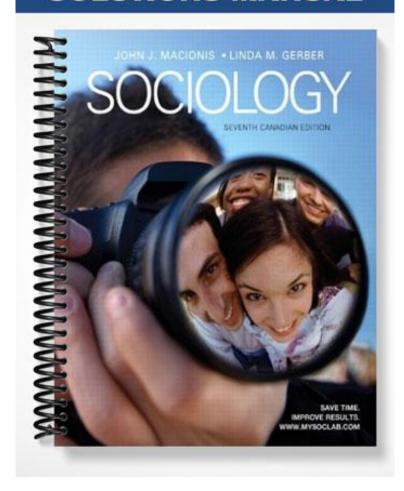
SOLUTIONS MANUAL



Chapter 2

Sociological Investigation

I. The Basics of Sociological Investigation.

- A. Sociological investigation begins with two key requirements:
 - 1. Apply the sociological perspective.
 - 2. Be curious and ask questions.
- B. Sociology is a type of **science**, a logical system that bases knowledge on direct, systematic observation. Science is one form of truth. Scientific knowledge is based on **empirical evidence**, or information we can verify with our senses.
- C. Scientific evidence sometimes contradicts common sense explanations of social behavior.

II. Three Ways to Do Sociology.

There are three ways to do research in sociology: *positivist sociology, interpretive sociology, and critical sociology.*

- A. Positivist Sociology.
 - 1. **Scientific sociology** is the study of society based on systematic observation of social behavior. The scientific orientation to knowing, called positivism, assumes that an objective reality exists.
 - 2. **Concepts** are mental constructs that represent some part of the world, inevitably in a simplified form.
 - 3. **Variables** are concepts whose value changes from case to case.
 - 4. **Measurement** is the procedure for determining the value of a variable in a specific case.
 - a. Statistical measures are frequently used to describe populations as a whole
 - b. This requires that researchers **operationalize variables**, which means *specifying exactly what is to be measured before assigning a value to a variable.*
 - 5. For a measurement to be useful, it must be reliable and valid.
 - a. **Reliability** refers to *consistency in measurement*.
 - b. **Validity** means precision in measuring exactly what one intends to measure.
 - 6. Relationships among variables.
 - a. **Cause and effect** is a relationship in which change in one variable causes change in another.
 - i. The **independent variable** is the variable that causes the change.
 - ii. The **dependent variable** is *the variable that changes*.
 - b. Cause-and-effect relationships allow us to predict how one pattern of behavior will produce another.

- c. **Correlation** exists when two (or more) variables change together.
 - i. **Spurious correlation** means an apparent, although false, association between two (or more) variables caused by some other variable.
 - ii. Spurious correlations can be discovered through scientific **control**, the ability to neutralize the effect of one variable in order to assess relationships among other variables.

FIGURE 2-1 CORRELATION AND CAUSE: AN EXAMPLE (p.30)

- 8. Sociologists strive for **objectivity**, *personal neutrality in conducting research*, whenever possible, following Max Weber's model of value-free research.
 - a. One way to limit distortion caused by personal values is through **replication**, or *repetition of research by others in order to assess its accuracy*.
- 9. Some limitations of scientific sociology.
 - a. Human behavior is too complex to allow sociologists to predict precisely any individual's actions.
 - b. Because humans respond to their surroundings, the mere presence of a researcher may affect the behavior being studied.
 - c. Social patterns change; what is true in one time or place may not hold true in another.
 - d. Because sociologists are part of the social world they study, being valuefree when conducting social research is difficult.

B. Interpretive Sociology.

- 1. Max Weber, who pioneered this framework, argued that the focus of sociology is interpretation. **Interpretive sociology** is *the study of society that focuses on the meanings people attach to their social world.*
- 2. The interpretive sociologist's job is not just to observe what people do but to share in their world of meaning and come to appreciate why they act as they do.

C. Critical Sociology.

- 1. Karl Marx, who founded critical sociology, rejected the idea that society exists as a "natural" system with a fixed order. **Critical sociology** is *the study of society that focuses on the need for social change*.
- 2. The point is not merely to study the world as it is, but to change it.
- D. Research is affected by **gender**, the personal traits and social positions that members of a society attach to being female and male, in five ways:
 - 1. Androcentricity, or approaching an issue from the male perspective only.
 - 2. Overgeneralizing, or using data drawn from studying only one sex to support conclusions about human behavior in general.
 - 3. Gender blindness, or not considering the variable of gender at all.
 - 4. Double standards.
 - 5. Interference because a subject reacts to the sex of the researcher.
- E. Feminist researchers focus on the condition of women in society and believe their research should be grounded in the assumption that women generally experience subordination.

SEEING SOCIOLOGY IN EVERYDAY LIFE – Feminist Research: Critical and Interpretive Examples (p.36)

III. Research Ethics

A. Like all researchers, sociologists must be aware that research can harm as well as help subjects or communities. For this reason, the American Sociological Association (ASA) and Canada's Social Sciences and Humanities Research Council (SSHRC) — the major professional associations of sociologists in North America—have established formal guidelines for conducting research (1997).

IV. Methods of Sociological Research.

A **research method** is *a systematic plan for doing research*. Four commonly used research methods are:

A. An **experiment** is a research method for investigating cause and effect under highly controlled conditions. Experimental research is explanatory, meaning that it asks not just what happens but why. Typically, researchers conduct experiments to test **hypotheses**, a statement of a possible relationship between two (or more) variables. Most experiments are conducted in laboratories and employ experimental and control groups.

THINKING ABOUT DIVERSITY: RACE, CLASS, AND GENDER BOX (p. 38)—Conducting Research with Aboriginal Peoples offers some tips about how outsiders can effectively and sensitively study Aboriginal communities.

- 1. The **Hawthorne effect** is a change in a subject's behavior caused by the awareness of being studied.
- 2. The Stanford County Prison study was an experiment conducted by Philip Zimbardo (1972) that supported the notion that the character of prison itself, and not the personalities of prisoners and guards, causes prison violence.
- B. A **survey** is a research method in which subjects respond to a series of statements or questions in a questionnaire or an interview. Survey research is usually descriptive rather than explanatory.
 - 1. Surveys are directed at **populations**, *the people who are the focus of research*. Usually we study a **sample**, *a part of a population that represents the whole*. Random sampling is commonly used to be sure that the sample is actually representative of the entire population.
 - 2. Surveys may involve **questionnaires**, *a series of written questions a researcher presents to subjects*. Questionnaires may be closed-ended or open-ended. Most surveys are self-administered and must be carefully pretested.
 - 3. Surveys may also take the form of **interviews**, a series of questions administered in person by a researcher to respondents.
 - 4. Sniderman used the data from an existing survey to study Anti-Semitism in Quebec. Sniderman's study provides an example of the use of random sampling, and the telephone administration of questionnaires.
- C. **Participant observation** is a method by which researchers systematically observe people while joining in their routine activities. Participant observation research is descriptive and often exploratory. It is normally qualitative research, inquiry based on subjective impressions.

1. William Whyte (1943) utilized this approach to study social life in a poor neighborhood in Boston. His research, published in the book *Street Corner Society*, illustrates the value of using a key informant in field research.

THINKING CRITICALLY – Reading Tables: Aboriginal Employment and Income in Canada (Census 2001) (p.44)

- D. Using available data: Existing sources.
 - 1. Sometimes, sociologists analyze existing sources, data collection by others.
- E. Content Analysis:
 - 1. A type of secondary analysis that entails the counting or coding of the content of written, aural, or visual materials such as television and radio programming, novels, magazines, and advertisements.
 - 2. The classic study by Znaniecki used content analysis in a study entitled "The Polish Peasant in Europe and North America. The study used diaries and letters by Polish immigrants to describe the adjustment process of new immigrants to America.
 - 3. Anglophone grade 1 readers in Montreal schools were used in a content analysis study aimed at identifying gender roles and gender stereotypes.
- E. The interplay of theory and method.
 - 1. **Inductive logical thought** is reasoning that builds specific observations into general theory.
 - 2. **Deductive logical thought** is reasoning that transforms general ideas into specific hypotheses suitable for scientific testing.
 - 3. Most sociological research uses both types of logical thought.
- F. Technology and Research new information technology has changed the practice of research

SOCIOLOGY AND THE MEDIA – From Card Punching to Cyberspace: Evolution in the Media of Research (p.46)

THINKING CRITICALLY—Can People Lie with Statistics? (p.48) The best way not to fall prey to statistical manipulation is to understand how people can mislead with statistics:

- 1. People select their data.
- 2. People interpret their data.
- 3. People use graphs to "spin" the truth.

IV. Putting it all together: Ten steps in sociological investigation:

- A. What is your topic?
- B. What have others already learned?
- C. What, exactly, are your questions?
- D. What will you need to carry out research?
- E. Are there ethical concerns?
- F. What method will you use?
- G. How will you record the data?
- H. What do the data tell you?
- I. What are your conclusions?
- J. How can you share what you've learned?

Chapter Objectives

- 1) Name the two requirements of sociological investigation.
- 2) Discuss the advantages of the scientific approach to knowing and examine how scientific evidence challenges our common sense.
- 3) Define concepts, variables, and measurement.
- 4) Distinguish between the concepts of reliability and validity.
- 5) Distinguish between independent and dependent variables.
- 6) Understand the distinction between a cause-and-effect relationship and a correlational relationship.
- 7) Understand the three conditions that must be satisfied in order to prove causality.
- 8) Examine the ideal of objectivity in sociological research and discuss ways that researchers can be as objective as possible.
- 9) Identify limitations of scientific sociology.
- 10) Summarize the three methodical approaches in sociology: scientific, interpretive, and critical.
- 11) Identify five ways in which genderbased issues may distort sociological research.
- 12) List ethical guidelines to follow in sociological research.

- 13) Understand the difference between deductive and inductive logic.
- 14) Summarize the four major methods by which sociologists conduct research and discuss the strengths and weaknesses of each method.
- 15) Understand the basic logic of experimental research.
- 16) Outline 10 steps in the process of carrying out sociological investigation.

Essay Topics

- 1) What are the advantages of choosing a scientific approach to understanding social reality? What are the disadvantages, if any?
- 2) The text discusses how sociologists operationalize the concept of social class. How would you operationalize such important concepts as intelligence, aggressiveness, masculinity or level of commitment to religion?
- 3) In what ways does interpretive sociology differ from scientific sociology?
- 4) What is the link between the three methodological approaches to sociology and the three theoretical approaches?
- 5) Suppose you are a sociologist studying alleged police brutality. Construct two arguments, one proposing that you ought to be as objective as possible in your work and the other suggesting that, while striving for accuracy, you should take a stand against any injustices that your research may uncover. Which position do you find more convincing? Why?

- 6) What are ways that gender can shape sociological research?
- 7) How are women's lives affected by a capitalist and patriarchal social order?
- 8) Explain the problems that may arise when a non-indigenous researcher studies Aboriginal communities.
- 9) What steps can researchers take to reduce the bias that results from the Hawthorne effect?
- 10) Do you think Zimbardo's Stanford County Prison experiment was ethical, or should he have been prevented from conducting this study? Defend your position.
- 11) Explain how you would develop a representative sample of students on your campus in order to conduct some survey research.
- 12) What are the advantages and disadvantages of both open-ended and closed-ended questions in survey research?
- 13) What are three steps in the ideal experiment?
- 14) Overall, which of the major sociological methods strikes you as being the most scientific? Why? Which is the least? Why?
- 15) Given the limitations associated with scientific sociology, "Is it possible to develop scientific sociological explanations of the social world?"

Using the ASA Journal *Teaching* Sociology in Your Classroom

Realistically, a small proportion of students who enroll in the introductory course will major in sociology. At the same time, one of the goals of any introductory sociology class is to help students to become "critical thinkers." Norma J. Shepelak, Anita Curry-Jackson, and Vernon L. Moore have engineered an interesting format for teaching critical thinking skills in the college classroom ("Critical Thinking in Introductory Sociology Classes: A Program of Implementation and Evaluation," Teaching Sociology, 20, January 1992: 18-The authors believe that the introductory sociology course should encourage students to "...respect divergent viewpoints, to review relevant evidence, and to value intellectual honesty. Because the student is a partner in the entire learning enterprise, he or she must have a 'spirit' and a willingness for acquiring, developing, and using critical reasoning skills." Shepelak and her coauthors discuss how they conceptualize critical thinking for the sociology curriculum and also offer a strategy for assessing students' developing abilities as "critical thinkers."

Student Exercises

- Here is an interesting site for you to check out. Go to the Web Center for Social Research Methods at http://www.socialresearchmethods.net/ and click on "Selecting Statistics." Click on the concept on each page that corresponds to the type of variable or statistics you are interested in for your research. We hope you find this site useful.
- 2. An even more intriguing website is found at http://www.mcli.dist.maricopa.edu/proj/res_meth/. Click through the site to enter the

- "Lab" and have some fun learning about five different research methods used in the social and behavioral science.
- 3. Locate a copy of the book *More Damned Lies and Statistics* by Joel Best. The author of this book argues that all statistics are "social product" and that one cannot understand a statistic unless something is known about the process through which it was constructed. Pick one of the book's chapters —"Magic Numbers," "Confusing Numbers," "Scary Numbers" etc. and write a two page summary of the examples and insights found therein.
- 4. Learn about SPSS (Statistical Package for Social Sciences) at http://www.ats.ucla.edu/STAT/spss/.
- 5. Find a recent issue of *MacLean's magazine* and locate a graph or figure in one of the articles that you can analyze using the information presented in the "Controversy and Debate" box entitled "Can People Lie with Statistics?" Make a copy of the figure or graph and bring it to class to discuss in a small group of students who have also brought in a graph or figure. Have a group member summarize for the class what you discovered.
- 6. Do a statistical analysis of your friends on Facebook. Take a sample of your friends and determine the mean and median for two of the following variables: number of albums, number of pictures, number of groups, number of wall posts on a given day, and number of friends whose Facebook profile picture is not of her or himself. How different are the mean and median from each other? Another idea is to do "content analysis" of the lists of favorite movies, books, and quotes for your friends on Facebook. Compare the patterns you find for male friends and for female friends. Or. compare friends who are freshmen to those who are seniors, or friends who have graduated from college and those who are still attending college.

- 7. The war in Iraq is obviously a very important social issue. In a group of three-to-five people, construct a five-question questionnaire using Likert-type response options (strongly-agree to strongly-disagree). Compare your group's questionnaire to that of other groups in the class and discuss the relative strengths and weaknesses of each group's questionnaire.
- 8. What are the guidelines for doing research with human subjects at your college or university? Find a copy (perhaps on your college or university's website) of the formal Institutional Review Board's guidelines. Write a two-page paper summarizing the basic process involved in doing research with human subjects.
- 9. In his book *The Culture of Fear*, Barry Glasner raises some intriguing points, and provides very compelling statistics, that suggest Americans are afraid of the wrong things. Select a chapter in this book, perhaps the one on fear of flying or the one concerning the fear of black men, and write a two-page summary of the data and conclusions drawn by the author. Can you find other "existing sources" of information in support of the author's claims? Can you find evidence that contradicts his claims?
- 10. Go to the website of the American Sociological Association at http://www.asanet.org and click on the "Ethics" button in the left-hand column on the screen. Select one of the "General Principles" (A-E) and write a reflection on how you interpret what that principle means. In class, get together with other students who selected the same principle and compare your reflections. Report to the class what your group discovered.
- 11. Develop a ten-question survey questionnaire concerning some specific topic regarding family life (discipline practices used by parents, amount and type of contact with extended family members, gender roles in

the home, etc.) Next, get together with three other students in the class and select one of the questionnaires to work on further. Spend one hour as a group refining the questionnaire. Submit this questionnaire along with the first questionnaire each of you did to your professor.

Supplemental Lecture Material The Gap Between the Rich and Poor

It is often said that the gap between the rich and poor is widening – or "the poor get poorer and the rich get richer." Nonetheless, if income distribution is measured in terms of the proportion of income going to the lowest and highest quintiles, one detects minimal change over the period from 1951 to 1996. As shown in Table 11-1 of your text (p. 271), throughout that 45-year period, about 6 percent of the total family income in Canada went to those in the lowest quintile (i.e. the lowest 20 per cent of family income earners), while about 40 percent of income went to the top quintile of family income earners. In other words, despite the proliferation of social welfare programs in the interim, the basic distribution appears to have remained essentially unchanged.

If, on the other hand, one looks at average family income of the bottom 10 percent compared to that of the top 10 percent, it appears that the gap between rich and poor is indeed increasing. Note that the measure is different (average income instead of percent of income) and that we are looking at more extreme ends of the income distribution (top and bottom 10 percent instead of 20 percent). In addition, the Statistics Canada data considered here refer only to families with children under 18 years of age and the historical period is shorter (1973 to 1996, or 23 years). Nonetheless, one can see that average family income for the bottom tenth went from \$12,913 in 1973,

up to \$15,819 in 1993, and down to \$13,522 in 1996 (in constant 1996 dollars). In other words, income at the lower end increased for 20 years and then slipped again. Among the top 10 percent, average family income (in constant 1996 dollars) rose from \$109,260 in 1973 to a high of \$145,356 in 1989 – before dipping to \$132,107 in 1992 and climbing back up to \$138,157 in 1996. In 1973, the richest tenth of families earned 8.5 times the income of the poorest: in 1996, it was 10.2 times. Despite increases and decreases in incomes at both ends of the scale over the 23-year period, it is clear that - when measured as outlined here - the gap between rich and poor was greater in 1996 than in 1973 (Philp, 1998).

Source

Philp, Margaret, 1998. "Gap between Canada's rich and poor increasing, report says." *The Globe and Mail*, Oct. 22: A11.

Discussion Questions

- 1) What is your impression of the fate of the poor relative to the rich?
- 2) On what grounds do you base your opinion?
- 3) What factors might contribute to the increasing gap between rich and poor?

Supplemental Lecture Material The False God of Numbers

Many articles have been written about how statistics can be misused in order to accomplish various political goals. In other words, numbers may be employed to support oversimplified conclusions. For example, consider this statement:

"New air quality standards must be enacted because they will prevent precisely 15,000 deaths a year from respiration ailments." Sounds simple, doesn't it? Yet the problem is a thorny one. One might ask whether all those respiratory deaths are due only to air pollution. And what about the cost of new standards to industry? How will these affect the economy in the long run?

Here are a few other examples begging alternate explanations or further exploration:

U.S. quality of life is diminishing since, according to a 1996 study, the average one-way commute now takes 40 seconds longer than it did in 1986.

High divorce rates attribute to the breakdown of the family and poorer conditions for children.

Because corporations seek to save money by laying off full-time employees, the number of people working part-time or on a contract basis has increased.

All in all, these questions are complex and multidimensional. It is not likely that one answer alone is sufficient. Yet politicians and the media often make it sound simple and straightforward.

Source

"Keeping Score: Big Social Changes Revive the False God of Numbers." *The New York Times* (August 17, 1997):1 and 4.

Discussion Questions

- 1) What various elements of science are these statements violating?
- 2) Why would politicians be tempted to simplify statistics? How should social scientists handle statistics differently? In what way does their responsibility to society differ from that of politicians?

3) Name several alternative conclusions that might be drawn from the numbers quoted above.

Activity: Look through several newspapers for the statistics quoted there. Analyze them using scientific standards. Keep in mind such issues as the difference between cause and effect and correlation, sample size and population, and the way the study was conducted. Also consider interpretations of the data.

Supplemental Lecture Material The Day America Told the Truth

Public opinion polls have become increasingly common in recent decades. A 1991 best-selling book entitled *The Day America Told the Truth* is packed with examples of the tantalizing bits of information that can be uncovered using this research procedure. The authors, James Patterson and Peter Kim, both executives at the J. Walter Thompson advertising agency, found, among other things:

- "New Englanders lead the country in cheating on their spouses, spying on their neighbors, and giving to charity."
- "Ninety-five percent of Americans believe in capital punishment; one in three would volunteer to pull the switch for the electric chair."
- "Twenty-two percent of males and seven percent of females say they had lost their virginity by the age of thirteen."
- "The profession Americans trust most is that of firefighter."

- "Fifteen percent of adult Americans would rather watch television than have sex."
- "One-third of surveyed married men and women confess to having had at least one affair."
- "One in seven people reports being sexually abused in childhood."
- "Sixty percent, six hundred percent more than official estimates, say they have been victims of a major crime."
- "Twenty percent of the women in the survey report having been raped by their dates."
- "More than seventy percent say they did not have even one hero."

The survey was given to "....a random sample of 2,000 people, quizzed in 50 different locations over the period of a week. A shorter, mail-in version was sent to 3,500 people." Respondents were guaranteed total anonymity and repeatedly urged to be completely honest.

The findings reported in *The Day America Told the Truth* are fascinating and could provide the impetus for more theoretically based research efforts by academic sociologists. These findings also suggest that the common suspicion that people answering questionnaires often fail to report unconventional attitudes and odd behavior may not be true — one of Patterson and Kim's respondents even admitted that he "...made out with two girls and a dog while immersed in hot wax and Jell-O."

Source

Gelman, David. "The Moral Minority." *Newsweek* (May 6, 1991): 63.

Discussion Questions

- 1) Are you always completely honest when you answer questionnaires?
- 2) How can researchers increase the chances that their respondents will not withhold or distort information?

Supplemental Lecture Material Separating the Wheat and the Chaff: Spurious Correlations

Researchers commonly encounter behaviors that seem to be related to one another in some way. In the case of the number of miles a car is driven and its gas consumption, there is an obvious and genuine connection. But simply because two behaviors share a significant statistical correlation does not always prove that there is a real relationship between the two variables.

With complex systems, it may be difficult to determine if a statistical correlation is genuine or completely coincidental and spurious. While the continental drift of the West Coast of North America may be highly correlated with the growth of the federal deficit in recent decades, it is unlikely that there is a meaningful connection between the two. Apparently, there is also a strong negative correlation between the number of PhDs and the number of mules in a state. As one commentator remarked. "Are the PhDs created when mules die?" Similarly, a positive correlation exists between ice cream sales and deaths by drowning. The same researcher humorously asked if "people buy more ice cream when they hear of a drowning?" Even when a connection exists, it may be trivial or misleading. In the end, correlation is worthless without interpretation, and that interpretation should be as well-grounded as possible. Consider the following examples:

- My favorite spurious correlation is between shoe size and the ability to solve mathematical equations (or any other task requiring schooling). The students usually express a lot of puzzlement over that one, until you point out that children's feet tend to grow as they go through school. (Wuensch, p. 3)
- One . . . [example of a spurious connection] is the strong positive correlation between places of worship in a locale and the number of bars in the same vicinity. The explanation is obvious: Religion drives people to drink. (Beins, p. 3)

In most research problems, however, the spurious nature of the correlation may immediately requiring not be clear. information careful additional and interpretation to establish the real nature of the connection between the variables. Indeed, important issues may be riding on correctly evaluating and understanding the correlation.

[A] story I sometimes use is based on a *Nova* television show from a few years back. Chinese medical researchers had found a correlation between incidence of human esophageal cancer and the incidence of tumors in chickens. Were the chickens the source of the human cancers? Were the humans giving the chickens their tumors? What they eventually found was that regional preferences for a fermented cabbage dish and minerals in the soil in which the cabbage was grown gave both the humans, who ate the cabbage, and the

chickens, who ate the scraps, their tumors. (Street, p. 3)

Source

Staff. 1993. "Examples of Spuriousness," in *Teaching Methods*. Fall (2).

Discussion Questions

- 1) What steps can individual researchers adopt to prevent spurious correlations? What can the community of researchers do?
- 2) What spurious correlations have you come across in your own thinking?
- 3) Can you think of spurious correlations that have had important effects upon history?

Supplemental Lecture Material: Rank, Age and Salary in Anthropology and Sociology

Neil Guppy of the University of British Columbia analyzed basic data on rank, age, salary and sex of Canadian anthropologists and sociologists (for the academic year of 1985-86). The data come from the annual census of universities administered by Statistics Canada. There are a number of interesting patterns:

First: sociologists outnumber anthropologists 2.5 to 1 in universities.

Second: anthropologists hold proportionately more senior ranks (35 percent as compared to 28 percent at the full professor rank) than sociologists.

Third: whether this is due to the greater productivity, greater age, or greater "acceptance" of anthropology in the university (or some other explanation) is debatable and requires further research.

Fourth: the majority of both male and female sociologists and anthropologists are at or above the associate level.

Fifth: whereas women comprised 17 percent of all faculty in 1985-86, they comprised 24.1 percent and 21 percent of the positions in anthropology and sociology respectively.

Sixth: women are over-represented at the lower ranks, in both disciplines.

Seventh: women anthropologists and sociologists at the two most senior ranks (associate and full professor) tend to be younger than women in other disciplines. Thus, there is greater upward mobility for women in sociology and anthropology.

Eighth: relative to colleagues in other parts of the university, both anthropologists and sociologists are paid less in all comparisons across rank and sex (with one exception).

Ninth: the salaries of male professors are higher than those of female professors in the university at large and in sociology and anthropology in general. In 1985-86, women's salaries in anthropology were 87 percent of the salaries of men. Women in sociology earned 85 percent of the salaries of men.

Source

Neil Guppy. "Rank, Age, and Salary in Anthropology and Sociology." *Society*, vol. 13, no. 2, 1989, pp. 14-7.

Discussion Questions

- Do the lower average salaries of sociology and anthropology faculty reflect the low stature of these disciplines in Canadian universities? What else might they reflect?
- 2) There is a preponderance of senior faculty in both disciplines. This implies less renewal in sociology and

- anthropology compared to other disciplines. Why is there less renewal amongst faculty in sociology and anthropology than in other disciplines?
- 3) What is the status of sociology in your university? Why?
- 4) What is the status of anthropology in your university? Why?