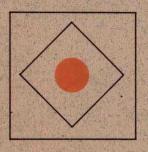
Research Metho Criminal Justice And Criminology

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Research Methods for Criminal Justice and Criminology

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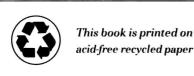
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Research Methods for Criminal Justice and Criminology

Dedication

Mary and Molly Maxfield Sheila Babbie

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Preface

One of my¹ most oddly rewarding teaching experiences took place not in the classroom but on the streets of downtown Indianapolis. On my way to a meeting with staff from the Indiana Department of Correction, I recognized a student from the previous semester's research methods class. Ryan was seated on a shaded bench, clipboard in hand, watching pedestrians make their way down the sidewalk. After we had exchanged greetings, I learned that Ryan had landed a summer internship with the city's planning department and was currently at work conducting a study of pedestrian traffic.

"Ha!" I exclaimed, recalling student complaints about how research methods are not relevant (what I have since referred to as "Ryan's lament"), "and you whined about how you were never going to use the stuff we talked about in class."

Ryan responded that the systematic study of pedestrians was very interesting and admitted that some course topics did in fact relate to his work as an intern. He also said something about not really knowing what actual research involved until he began his current project. Ryan remained attentive to people passing by while we chatted for a few minutes. I was very pleased to see that he

had become a careful observer, applying some of the skills he learned in my course only a few weeks after the semester's end.

Later, thinking more about the encounter, I recognized the need to change my approach to teaching the course. Ryan clearly enjoyed his experience in doing research but he had not recognized how much fun research could be until after he had left the classroom. As a result. I restructured the course to involve students more actively in the research process. I resolved to be more diligent in linking fundamental concepts of research methods to a broad spectrum of examples, and I became determined to show students how they, like Ryan, could apply systematic inquiry and observation techniques to a wide variety of situations in criminal justice and other policy areas.

In collaborating with Earl Babbie to produce this textbook, I joined a colleague whose writing embodied my efforts to engage students in the learning process. Earl's classic text, *The Practice of Social Research*, has always been an enviable model of clarity—generating student interest while still presenting a rigorous treatment of social science research methods.

Our text, Research Methods for Criminal Justice and Criminology, retains much of the raw material from Practice, revised and otherwise adapted for students in criminology

¹In this preface, first person singular is Maxfield while first person plural is Maxfield and Babbie.

and criminal justice. As has always been the case with *Practice*, our text illustrates principles of doing research with examples specifically selected to appeal to students. We have sought to convey something of the excitement in doing research that Ryan discovered for himself, observing pedestrians in downtown Indianapolis.

A Familiar, Comfortable Approach

As a result, this text has several distinctive features. Anyone who has taught with or learned from *The Practice of Social Research* will recognize much in our collaborative effort. This will enable instructors of criminal justice research methods to organize their course around a familiar approach, capitalizing on the strengths and popularity of Earl Babbie's superb text. At the same time, we have designed our book to address the particular needs of research methods for criminal justice and criminology.

Measurement

Many people believe that measurement presents the greatest challenge in doing social science research. I feel this is especially true for criminal justice. In my experience students frequently alternate from being shrewd skeptics about measurement to being uncritical consumers of media reports about crime, violence, drug use, or whatever havoc happens to be in fashion. Although one chapter is devoted to this topic (Chapter 5), throughout the text we remind students to be careful but creative when it comes to measurement.

Design Building Blocks

Research methods seems to be one of those courses where students feel driven to memorize the book, lectures, practice questions, last semester's notes purchased from a friend, or whatever. The strange vocabulary of the subject probably encourages this tendency,

which seems to be especially troublesome when teaching research design. All those Xs and Os must be faithfully recorded, memorized, and associated with the right label.

Although the XO diagrams in Chapter 6 will be familiar to many instructors, we encourage students to become engaged in learning research methods by describing how common research designs represent creative uses of design building blocks. In Chapter 6 and elsewhere we describe how the fundamentals of subject selection, making observations, and administering or withholding a treatment represent basic building blocks of design. Rather than trying to shoehorn a research problem into some pattern of Xs and Os that appears in their books, we urge students to learn what these building blocks represent and what different building blocks can be expected to accomplish.

Agency Records As Data Sources

Criminal justice, perhaps more than any other social science, commonly draws on a bewildering variety of information produced by public agencies. Reported crimes represent only the most well-known example. In my experience students too readily accept data produced by some government organization as reliable if not valid. Following our general maxim "be careful but be creative," Chapter 11 guides students through the promises and pitfalls of agency records. We describe some of the more common problems researchers encounter in using such data, common sources of those problems, how to detect them, and how to deal with them. Several examples illustrate the important lessons in Chapter 11.

Survey Research and Sampling

One of the strengths of *The Practice of Social Research* has always been a comprehensive but eminently readable treatment of sampling and survey methods. The current text

(in Chapters 8 and 9) retains Babbie's general approach, but it also points to some of the more specialized criminal justice applications. These range from victim and self-report surveys to specialized interviews with nonprobability samples. Again, our approach focuses on arming students with the principles of survey methods so that they can adapt these general tools to a variety of uses.

Applied Research and Policy Experiments

We have devoted a chapter to applied criminal justice research; Chapter 12 examines program evaluation and policy analysis. Additionally, we link policy and management applications to virtually every stage of the research process, from theory in Chapter 2 through data interpretation in Chapter 13. We feel this approach is crucial for two complementary reasons. First, students whose interests center on criminal justice policy must understand that applied research is as dependent on theory and reasoned expectations as is basic research. Second, basic research in criminology or criminal justice is usually conducted in some applied context, so the researcher interested in some causal proposition about, say, drug use and violence must recognize that these are not simply abstract constructs. Most measures of drug use and violence will be operationalized with legal or policy definitions of those constructs in mind.

Randomized field experiments have become the designs of choice for many applied studies. In our chapters on experimental and quasi-experimental designs (Chapter 6) and applied research (Chapter 12), we have much to say about the advantages of randomized designs. However, we take care to caution students that all designs have weaknesses and no design is well-suited for all research purposes. Unfortunately, the weaknesses of randomized experiments are some-

times overlooked by their champions and by many textbooks. Our treatment of this topic, encouraging students to think carefully and creatively, is more balanced and will enable students to better recognize appropriate and inappropriate uses of experiments.

Ethics

Among the social sciences, criminology and criminal justice probably present the widest array of questions about research ethics. Our treatment of this important topic (Chapter 7) again combines discussion of general principles with emphasis on the particular problems encountered by criminal justice researchers.

Statistics

Chapter 13 guides students through fundamental principles of descriptive and inferential statistics. Our coverage of this topic is conceptual and brief, reflecting our view that criminal justice research design, measurement, and data collection require the concerted attention of students for a full semester. Future producers and consumers of criminal justice research must understand how concepts become observations and how observations become data before they learn the details of data analysis.

Suggestions for Instructors

All instructors have their own preferences in teaching research methods—topics to emphasize, pedagogical styles, course requirements, and so forth. Here are a few tips on how to incorporate certain distinctive features of this text into different approaches to teaching the course.

An Example of the Case Method

Chapter 14 reflects my experience teaching in a public affairs program where I learned something of the case method, which is standard pedagogy in law schools and business schools. While the chapter is not a true case study, it represents a mirror image of much of the book. Other chapters center on concepts and principles, introducing examples to illustrate various points. Chapter 14 presents two examples in detail, referring readers to earlier chapters for conceptual treatment of points that are illustrated.

You may wish to use Chapter 14 as something of a model to develop your own extended examples (cases) that students can then consult throughout the course. In this way, cases can feed into course projects. They can also form the basis for exercises or exam questions at various points in the course. Or you can work up cases that more closely reflect your own substantive interests, perhaps even your own research.

In either case, we suggest that instructors read Chapter 14 carefully when planning the course. The examples may suggest other ways you can use case studies.

Appendixes

Many instructors in research methods courses have their students prepare a research design or a complete proposal as a term project. Chapters 4 and 14 provide general guidelines for preparing research proposals. Four of the appendixes will be especially valuable for such projects; you may wish to point them out early in the semester.

Appendix A includes examples and general information about evolving library and information technology. Depending on the availability of tools and resources on your campus, we suggest you supplement Appendix A with guides or manuals that document campus facilities and routines.

Appendix B describes the National Criminal Justice Reference Service (NCJRS), a specialized library and information tool for criminal justice research and policy development. Students might contact NCJRS to ob-

tain bibliographies or other publications. If so, you should have them read Appendix B early in the term.

Appendix C presents guidelines on writing research reports. If your course will require a proposal or research report, we recommend that students review this appendix early in the term. See also Chapters 4 and 14 for further information on proposals. You may wish to either supplement or modify our suggestions to reflect your own preferences.

Appendix D describes major sources of secondary data, most notably the Interuniversity Consortium for Political and Social Research (ICPSR) and the National Archive of Criminal Justice Data. Following one of the examples presented in Chapter 14, students might prepare a proposal that uses data obtained from ICPSR. It would also be useful to supplement Appendix D by having a copy of ICPSR and Criminal Justice Data Archive holdings available for students. Or, if suitable computing resources are accessible, students can retrieve information about ICPSR holdings through the Internet. We describe one way to do this in Appendix D.

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North River, New York September 1994

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