

RESPONSIBLE SCIENCE

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VOLUME II



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Conduct of Research, National
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Responsible Science, Volume I: National Academy of Sciences, National Academy of Engineering, Institute of Medicine, Panel on Scientific Responsibility and the Conduct of Research, National Academy of Engineering, National Academy of Sciences, Institute of Medicine, 1992-01-01 Responsible Science is a comprehensive review of factors that influence the integrity of the research process Volume I examines reports on the incidence of misconduct in science and reviews institutional and governmental efforts to handle cases of misconduct The result of a two year study by a panel of experts convened by the National Academy of Sciences this book critically analyzes the impact of today s research environment on the traditional checks and balances that foster integrity in science Responsible Science is a provocative examination of the role of educational efforts research guidelines and the contributions of individual scientists mentors and institutional officials in encouraging responsible research practices *Responsible Science, Volume I* Panel on Scientific Responsibility and the Conduct of Research, National Academy of Sciences, National Academy of Engineering, Institute of Medicine, Institute of Medicine, National Academy of Sciences, National Academy of Engineering, 1992-01-15 Responsible Science is a comprehensive review of factors that influence the integrity of the research process Volume I examines reports on the incidence of misconduct in science and reviews institutional and governmental efforts to handle cases of misconduct The result of a two year study by a panel of experts convened by the National Academy of Sciences this book critically analyzes the impact of today s research environment on the traditional checks and balances that foster integrity in science Responsible Science is a provocative examination of the role of educational efforts research guidelines and the contributions of individual scientists mentors and institutional officials in encouraging responsible research practices **Responsible Science** Institute of Medicine, National Academy of Engineering, National Academy of Sciences, Committee on Science, Engineering, and Public Policy, Panel on Scientific Responsibility and the Conduct of Research, 1993-02-01 Volume II of Responsible Science includes background papers and selected institutional reports policies and procedures that were used to develop Volume I Topics discussed include traditions of mentorship in science data handling practices in the biological sciences academic policies and standards governing the conduct of research practices congressional interest in issues of misconduct and integrity in science the regulatory experience of human subjects research and the roles of scientific and engineering societies in fostering research integrity The panel also considers numerous institutional policy statements adopted by research universities and professional societies that address different aspects of misconduct or integrity in science These statements have been selected to convey the diverse approaches for addressing such matters within research institutions Responsible Science Panel on Scientific Responsibility and the Conduct of Research, 1992 Responsible Science is a comprehensive review of factors that influence the integrity of the research process Volume I examines reports on the incidence of misconduct in science and reviews institutional and governmental efforts to handle cases of misconduct

The result of a two year study by a panel of experts convened by the National Academy of Sciences this book critically analyzes the impact of today's research environment on the traditional checks and balances that foster integrity in science

Responsible Science is a provocative examination of the role of educational efforts research guidelines and the contributions of individual scientists mentors and institutional officials in encouraging responsible research practices *Responsible Science*, 1992 Responsible Science National Academy of Sciences. Committee on Science, Engineering and Public Policy, 1992 Responsible Science, 1992

Research Methods for Public Administrators Gary Rassel, Suzanne Leland, Zachary Mohr, Elizabethann O'Sullivan, 2020-12-29 *Research Methods for Public Administrators* contains a thorough overview of research methods and statistical applications for advanced undergraduate and graduate students and practitioners The material is based on established social science methods Concepts and applications are discussed and illustrated with examples from actual research The book covers research design methods of data collection instructions on formulating research plans measurement sampling procedures and statistical applications from basic statistics to more advance techniques The basics of conducting experiments survey research case studies and focus groups are discussed Data organization management and analysis are also covered as are data analysis and hypothesis testing Descriptive and inferential statistics are discussed and illustrated with examples The book also includes a chapter on obtaining and analyzing secondary data data already collected for other purposes and a chapter on reporting and presenting research results to a variety of audiences This is a general textbook written primarily for students of public administration and practitioners in public and not for profit organizations It includes materials shown to be useful in gathering and assessing information for making decisions and implementing policies The material is discussed at a level to be accessible and with enough detail to be useful New to the seventh edition Additional and expanded material on qualitative research big data metadata literature reviews and causal inference New material on experiments and experimental research New examples and case studies including those dealing with public policy Expanded material on using computers for data management Information on new NSF and NIH ethics and protection of human subjects requirements for researchers New data sets and Power Point slides for each chapter

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instructional assessment institutional and research cultures and development of guidance checklists for instructors and administrators Leading experts summarized and presented papers on current research knowledge in these areas This report presents the edited papers and a summary of the discussions at the workshop *The Baltimore Case* Daniel J. Kevles, 2016-03-10 You read with a rising sense of despair and outrage and you finish it as if awakening from a nightmare only Kafka could have conceived Christopher Lehmann Haupt New York Times David Baltimore won the Nobel Prize in medicine in 1975 Known as a wunderkind in the field of immunology he rose quickly through the ranks of the scientific community to become the president of the distinguished Rockefeller University Less than a year and a half later Baltimore resigned from his presidency citing the personal toll of fighting a long battle over an allegedly fraudulent paper he had collaborated on in 1986 while at MIT From the beginning the Baltimore case provided a moveable feast for those eager to hold science more accountable to the public that subsidizes its research Did Baltimore stonewall a legitimate government inquiry Or was he the victim of witch hunters The Baltimore Case tells the complete story of this complex affair reminding us how important the issues of government oversight and scientific integrity have become in a culture in which increasingly complicated technology widens the divide between scientists and society

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