

1. Record Nr.	UNINA9910828818503321
Autore	Staff National Academy of Sciences
Titolo	Responsible Science Vol. I [[electronic resource]] : The Ensuring Integrity of the Research Process
Pubbl/distr/stampa	Washington, : National Academies Press, 1992
ISBN	1-280-21157-1 9786610211579 0-309-58451-5
Descrizione fisica	1 online resource (223 p.)
Altri autori (Persone)	StaffInstitute of Medicine StaffNational Research Council
Disciplina	174
Soggetti	Electronic books. -- local Research -- Moral and ethical aspects Responsibility
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	""Responsible Science""; ""Copyright""; ""Preface""; ""Acknowledgments""; ""Sponsors""; ""Contents""; ""Executive Summary""; ""INTRODUCTION""; ""The Problem of Misconduct in Science""; ""Acting to Ensure Integrity in Research""; ""PURPOSE AND SCOPE OF THIS STUDY""; ""Charge to the Panel""; ""Approach, Scope, and Audience""; ""Defining Termsa€?Articulating a Framework for Fostering Responsible Research Conduct""; ""Misconduct in Science""; ""Questionable Research Practices""; ""Other Misconduct""; ""FINDINGS AND CONCLUSIONS""; ""Scientists and Research Institutions"" ""The Changing Research Enterprise"" ""Misconduct in Sciencea€? Incidence and Significance""; ""Handling Allegations of Misconduct in Sciencea€?Institutional Responses and Experience""; ""University-Government Approaches""; ""Need for Explicit Procedural Elements""; ""Current Situation""; ""Balancing Accountability and the Need for Intellectual Freedom""; ""Steps to Encourage Responsible Research Practices""; ""RECOMMENDATIONS""; ""Acting to Define and Strengthen Basic Principles and Practices""; ""Recommendation One""; ""Recommendation Two""; ""Recommendation Three""

""Dealing with Misconducta€?Institutional Roles""""Recommendation Four""; ""Recommendation Five""; ""Recommendation Six""; ""Recommendation Seven""; ""Recommendation Eight""; ""Recommendation Nine""; ""Taking Additional Steps""; ""Recommendation Ten""; ""Recommendation Eleven""; ""Recommendation Twelve""; ""NOTES""; ""1 Introduction ""; ""THE U.S. RESEARCH ENTERPRISE""; ""The Traditions of Science""; ""Changing Circumstances and Expectations""; ""The Problem of Misconduct in Science""; ""ENSURING INTEGRITY IN THE RESEARCH PROCESS""; ""Acknowledging the Range of Concerns"" ""Taking Constructive Action""""PURPOSE AND SCOPE OF THIS STUDY""; ""Charge to the Panel""; ""Approach, Audience, Content""; ""METHODS, DEFINITIONS, AND BASIC ASSUMPTIONS""; ""Evaluating Available Data""; ""Defining Termsa€?Articulating a Framework for Fostering Responsible Research Conduct""; ""Misconduct in Science""; ""Questionable Research Practices""; ""Other Misconduct""; ""Understanding Causes and Evaluating Cures""; ""Starting from Logical Assumptions""; ""NOTES""; ""2 Scientific Principles and Research Practices ""; ""FACTORS AFFECTING THE DEVELOPMENT OF RESEARCH PRACTICES"" ""Norms of Science""""Individual Scientific Disciplines""; ""The Role of Individual Scientists and Research Teams""; ""Institutional Policies""; ""Government Regulations and Policies""; ""Social Attitudes and Expectations""; ""RESEARCH PRACTICES""; ""Data Handling""; ""Acquisition and Management""; ""Storage""; ""Issues Related to Advances in Information Technology""; ""Communication and Publication""; ""Authorship""; ""Editors""; ""Peer Review""; ""Correction of Errors""; ""Research Training and Mentorship""; ""Positive Aspects of Mentorship""; ""Difficulties Associated with Mentorship"" ""Making Mentorship Better""
