

1. Record Nr.	UNINA9910953151603321
Titolo	On being a scientist : a guide to responsible conduct in research / / Committee on Science, Engineering, and Public Policy, National Academy of Science, National Academy of Engineering, and Institute of Medicine of the National Academies
Pubbl/distr/stampa	Washington, D.C., : National Academies Press, 2009
ISBN	9780309141352 0309141354 9780309119719 0309119715
Edizione	[3rd ed.]
Descrizione fisica	1 online resource (83 p.)
Disciplina	174/.95
Soggetti	Research Research - Vocational guidance Science - Vocational guidance Ethics, Research Science - ethics Conflict of Interest Research Personnel - ethics Scientific Misconduct United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	""Preface""; ""Acknowledgments""; ""A Note on Using ""On Being a Scientist""""; ""Contents""; ""Introduction to the Responsible Conduct of Research""; ""Advising and Mentoring""; ""The Treatment of Data""; ""Mistakes and Negligence""; ""Research Misconduct""; ""Responding to Suspected Violations of Professional Standards""; ""Human Participants and Animal Subjects in Research""; ""Laboratory Safety in Research""; ""Sharing of Research Results""; ""Authorship and the Allocation of Credit""; ""Intellectual Property""; ""Competing Interests, Commitments, and Values""

Sommario/riassunto

The scientific research enterprise is built on a foundation of trust. Scientists trust that the results reported by others are valid. Society trusts that the results of research reflect an honest attempt by scientists to describe the world accurately and without bias. But this trust will endure only if the scientific community devotes itself to exemplifying and transmitting the values associated with ethical scientific conduct. *On Being a Scientist* was designed to supplement the informal lessons in ethics provided by research supervisors and mentors. The book describes the ethical foundations of scientific practices and some of the personal and professional issues that researchers encounter in their work. It applies to all forms of research-whether in academic, industrial, or governmental settings-and to all scientific disciplines. This third edition of *On Being a Scientist* reflects developments since the publication of the original edition in 1989 and a second edition in 1995. A continuing feature of this edition is the inclusion of a number of hypothetical scenarios offering guidance in thinking about and discussing these scenarios. *On Being a Scientist* is aimed primarily at graduate students and beginning researchers, but its lessons apply to all scientists at all stages of their scientific careers.