

Resources

[Responsible Conduct of Research](#), National Science Foundation

August 2009 document stating that all applications for funding from NSF need to “describe a plan to provide appropriate training and oversight in the responsible and ethical conduct of research to undergraduate students, graduate students, and postdoctoral researchers participating in the proposed research project.”

[Grant General Conditions](#), National Science Foundation

Article Subject 18 of GCG (January 4, 2010) describes the responsible conduct of research requirements.

[Office of Inspector General](#), National Science Foundation

Includes many links to conferences and studies, as well as briefings for administrators and students, and case studies (located at the bottom of the website).

["On Being a Scientist"](#), National Academy of Sciences

National Academies Press, Washington, D. C., 1995. This book can be viewed online.

[Online Ethics Center for Engineering and Research](#), National Academy of Engineering

Contains course work, scenarios, and links to a number of ethics websites from various professional research societies.

[Ethics Education and Scientific and Engineering Research](#), National Academy of Engineering

Published summary of workshop held in 2009. Book is available for purchase or free online.

[Office of Research Integrity](#), U.S. Department of Health and Human Services

Includes links to conferences on ethics.

[Ethics and Values Statements](#), American Physical Society

APS policy statements on-line.

[“Ethics and the Welfare of the Physics Profession”](#), American Physical Society

*Response to a 2004 survey by an APS task force on ethics. Full citation of article is K. Kirby, F.A. Houle, “Ethics and the Welfare of the Physics Profession,” *Physics Today* 57 (11) 42-49, 2004.*

[Workshop on Scientific Misconduct and the Role of Physics Journals in its Investigation and Prevention](#), International Union of Pure and Applied Physics

Proceedings from a 2003 workshop and online resources provided by IUPAP.

[“The Responsible Researcher: Paths & Pitfalls”](#), Sigma Xi

The current link brings you to Sigma Xi's ethics page. The titled 1999 document above can be downloaded online through a link on this page.

[“Ethical Challenges and Practical Solutions for Managers in Research”](#), Sigma Xi

Publication that can be purchased.

[“Honor in Science”](#), Sigma Xi

Publication that can be purchased.

[Comparing Research Ethics](#)

A collection of various professional societies' ethics statements.

[Responsible Conduct in Research Instruction](#), Eastern Michigan University

Contains multiple ethics topics (modules) and scenarios. The course can be taken online or incorporated into an ethics class. Downloadable files are available. A certificate of completion is provided after completing each module of the online course.

[Ethical Issues in Physics Informational Site](#), Eastern Michigan University

Contains the proceedings of two ethical workshops and other resources.

[Ethics in Science](#), Virginia Polytechnic Institute and State University

This site has listings of recent misconduct cases, science ethics resources, and selected essays on ethics in science.

[Responsible Conduct of Research](#), University of California at San Diego

Links to UCSD's scientific ethics course.

[Chemical Ethics](#), Duke University

Article on teaching chemical ethics.

[Research Ethics in the Life Sciences](#), University of Illinois at Urbana-Champaign

Links to University of Illinois at Urbana-Champaign's ethics course

[Professional Ethics and Responsible Conduct of Research](#), University of Minnesota