

Selected research ethics resources

NATIONAL - COURSES

1. "On Being a Scientist" National Academy of Sciences (NAS)
(http://www.nap.edu/catalog.php?record_id=12192#toc)
2. "ORI Introduction to RCR" Nicholas Steneck for the Office of Research Integrity (ORI), U.S. Department of Health and Human Services (HHS)
(http://ori.hhs.gov/publications/ori_intro_text.shtml)
3. "Responsible Conduct in Research Instruction" Eastern Michigan University
(<http://www.rcr.emich.edu>)
4. "Responsible Conduct of Research" Center on Materials and Devices for Information Technology Research (CMDITR) (<http://responsibleresearch.org>)
5. "Responsible Conduct of Research" (Columbia) (<http://ccnmtl.columbia.edu/projects/rcr>)
6. "Web Guide to Research for Undergraduates [WebGURU]" (Northeastern University)
(<http://www.webguru.neu.edu/index.php>)

NATIONAL – RESOURCE SITES

1. Clinical and Translational Science Awards (CTSAs) Clinical Research Ethics - Educational Materials Group - Materials and Methods Inventory
(<http://ctspedia.org/do/view/ResearchEthics/WebHome>)
2. Ethics in Science and Engineering National Clearinghouse (ESENCE)
(<http://www.ethicslibrary.org>)
3. Ethics Education Library, Illinois Institute of Technology (IIT) (<http://ethics.iit.edu/eelibrary>)
4. Ethics in Mental Health Research, St. Louis University (<http://www.emhr.net>)
5. EthicsShare, University of Minnesota (<https://www.ethicshare.org>)
6. Fostering Integrity in Research, Scholarship and Teaching (FIRST), University of Minnesota
(<http://www.research.umn.edu/ethics>)
7. Globethics.net Library - A Global Digital Library on Ethics (<https://www.ethicshare.org>)
8. Internet Research Ethics, University of Wisconsin Milwaukee (<http://internetresearchethics.org>)
9. Making the Right Moves, Howard Hughes Medical Institute
(<http://www.hhmi.org/resources/labmanagement/moves.html>)
10. Office of Research Integrity (http://ori.hhs.gov/education/products/rcr_general.shtml)

11. Online Ethics Center for Engineering and Research (<http://www.onlineethics.org>)
12. Project for Scholarly Integrity, Council of Graduate Schools (CGS) (<http://www.scholarlyintegrity.org>)
13. Resources for Research Ethics Education (<http://research-ethics.net>)
14. Responsible Conduct of Research (RCR) for Postdocs, National Postdoctoral Association (<http://www.nationalpostdoc.org/publications/rcr>)

RESEARCH ETHICS TEXT BOOKS

Macrina FL (2005): Scientific Integrity: An Introductory Text with Cases. 3rd edition, American Society for Microbiology Press, Washington, D.C.

Shamoo AE, Resnick DB (2002): Responsible Conduct of Research. Oxford University Press, New York.

Bulger RE, Heitman E, Reiser SJ (2002): The Ethical Dimensions of the Biological Sciences. Second edition, Cambridge University Press, NY.

Barnbaum DR, Byron M (2001): Research Ethics: Text and Readings. Prentice Hall, New Jersey.

Oliver, Paul (2003): The Student's Guide to Research Ethics. Open University Press, NY. (human subjects)

Israel M, Hay I (2006): Research Ethics for Social Scientists. Sage Publications, Thousand Oaks. (human subjects, with excellent cases)

Kovac, Jeffrey (2003): The Ethical Chemist: Professionalism and Ethics in Science. Prentice Hall. (chemistry)

Harris CE, Pritchard M, Rabins M (2008): Engineering Ethics: Concepts and Cases 4e. Wadsworth Publishing, Belmont CA. (engineering)

Penslar RL, ed. (1995): Research Ethics: Cases and Materials. Indiana University Press, Bloomington. (not recent, but multi-disciplinary with cases from biology, psychology and history)

FICTION AND NON-FICTION ABOUT RESEARCH ETHICS

NON-FICTION

Kevles DJ (2000): The Baltimore Case: A Trial of Politics, Science, and Character

Hixon JR (1975): The Patchwork Mouse

Reich ES (2009): Plastic Fantastic: How the Biggest Fraud in Physics Shook the Scientific World

Crewdson J (2003): Science Fictions: A Scientific Mystery, a Massive Cover-up and the Dark Legacy of Robert Gallo

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FICTION

Goodman A (2007): Intuition (2007)

Djerassi C (1991): Cantor's Dilemma

BLOGS

1. Adventures in Ethics and Science (<http://scienceblogs.com/ethicsandscience>)
2. The Research Ethics Blog (<http://www.researchethics.ca/blog>)