

Sources for responsible conduct of research (RCR)

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Responsible Conduct of Research includes the following areas:

Collaborative Science
Conflicts of Interest and Commitments
Data Acquisition, Management, Sharing and Ownership
Human Research Protections
Lab Animal Welfare
Mentoring
Peer Review
Publication Practices and Responsible Authorship
Research Misconduct

General sources:

1. The **Office of Research Integrity** website is a very useful guide to many areas for responsible conduct of research:

<https://ori.hhs.gov/>

Click on the tab 'Research Misconduct'

<https://ori.hhs.gov/handling-misconduct>

Guidelines for Responsible Conduct of Research, Office of Research Integrity, University of Pittsburgh, January 2011, available on line at

<http://www.provost.pitt.edu/documents/GUIDELINES%20FOR%20ETHICAL%20PRACTICES%20IN%20RESEARCH-FINALrevised2-March%202011.pdf>

2. National Academy Press

On Being A Scientist: Responsible Conduct In Research, National Academy Press, Third Edition 2009, available on line at

<https://www.nap.edu/read/4917/chapter/1>

for free download:

<https://www.nap.edu/catalog/12192/on-being-a-scientist-a-guide-to-responsible-conduct-in>

Integrity in Scientific Research: Creating an Environment that Promotes Responsible Conduct National Academy Press, 2002

<https://www.nap.edu/catalog/10430/integrity-in-scientific-research-creating-an-environment-that-promotes-responsible>

It identifies practices that characterize integrity in such areas as peer review and research on human subjects.

Responsible Science Vol I: Ensuring the Integrity of the Research Process, National Academy Press, 1992

<https://www.nap.edu/catalog/1864/responsible-science-volume-i-ensuring-the-integrity-of-the-research>

3. NSF: Resources for Responsible Conduct of Research

<https://www.nsf.gov/bfa/dias/policy/rcr.jsp>

Some sources of information on ethical research conduct for scientists and engineers
2011

https://www.nsf.gov/bfa/dias/policy/rcr/resources/ethics_oct11.pdf

4. NIH Resources for Responsible Conduct of Research

https://grants.nih.gov/policy/research_integrity/index.htm

5. *Responsible Conduct of Research, Training*

<https://oir.nih.gov/sourcebook/ethical-conduct/responsible-conduct-research-training>

online training courses:

<https://about.citiprogram.org/es/serie/responsible-conduct-of-research-rcr/>

6. Science Careers (AAAS):

Responsible research guidelines for the global scientist

<http://www.sciencemag.org/careers/2016/02/responsible-research-guidelines-global-scientist>

Responsible Conduct of Research for Junior Researchers

<http://www.sciencemag.org/careers/2010/11/responsible-conduct-research-junior-researchers>

Research Integrity: Making the Right Choices

<http://www.sciencemag.org/careers/2008/01/research-integrity-making-right-choices>

Dealing With Deception

<http://www.sciencemag.org/careers/2007/01/dealing-deception>

A Pressure Cooker for Postdocs?

<http://www.sciencemag.org/careers/2006/07/pressure-cooker-postdocs>

Scientific Integrity and Ethics: A Dilemma

<http://www.sciencemag.org/careers/2003/05/scientific-integrity-and-ethics-dilemma>

Learning and Teaching Scientific Ethics

<http://www.sciencemag.org/careers/2001/06/learning-and-teaching-scientific-ethics>

7. Some examples of university Rules and Guidelines regarding RCR

Johns Hopkins School of Medicine

http://www.hopkinsmedicine.org/som/faculty/policies/facultypolicies/responsible_conduct.html

East Tennessee State University

http://www.etsu.edu/research/documents/ETSU_Guidelines_on_the_Responsible_Conduct_of_Research.pdf

University of Michigan

<http://research-compliance.umich.edu/responsible-conduct-research-rcr-training>

Emory University

<http://policies.emory.edu/7.9>