

## Research misconduct

This core area addresses the meaning of research misconduct and the regulations, policies, and guidelines that govern research misconduct in PHS-funded institutions. This includes topics such as fabrication, falsification, and plagiarism; error vs. intentional misconduct; institutional misconduct policies; identifying misconduct; procedures for reporting misconduct; protection of whistleblowers; and outcomes of investigations, including institutional and federal actions.

### **Publications on the topic:**

- Broad, W., & Wade, N. (1982). Deceit in the Halls of Science. New York: Simon and Schuster.
- Bulger, R. E., Heitman, E., & Reiser, S. J. (1993). The Ethical Dimensions of the Biological Sciences (Part IV, pp. 103-114). New York: Cambridge University Press.
- Commission on Research Integrity. (1995). Integrity and Misconduct in Research. Report of the Commission on Research Integrity to the Secretary of Health and Human Services, the House Committee on Commerce and the Senate Committee on Labor and Human Resources.
- Conduct in science. (1995). Science, 268, 1705-1718.
- Cournand, A. (1977). The code of the scientist and its relationship to ethics. Science, 198, 699-705.
- Engler, R. L. et al. (1987). Misrepresentation and responsibility in medical research. New England Journal of Medicine, 317, 1383-1389.
- Jasanoff, S. (1993). Innovation and integrity in biomedical research. Academy of Medicine, 68, S91-S95.
- Korn, A. (1986). False Prophets. Oxford, England: Blackwell Publishers.
- Macrina, F. L. (2000). Methods, manners, and mandates. In F. L. Macrina (Ed.), Scientific Integrity (2<sup>nd</sup> ed, pp. 1-16). Washington, DC: ASM Press.
- National Academy of Sciences, National Academy of Engineering, Institute of Medicine, Panel on Scientific Responsibility and the Conduct of Research. (1993). Responsible science: Ensuring the integrity of the research process (Vol. 1, pp. 80-97). Washington, DC: National Academy Press.
- National Academy of Sciences, National Academy of Engineering, Institute of Medicine, Panel on Scientific Responsibility and the Conduct of Research. (1993). Responsible science: Ensuring the integrity of the research process (Vol. 2, pp. 119-125). Washington, DC: National Academy Press.
- Schachman, H. K. (1993). What is misconduct in science? Science, 261, 148-149.

### **Online resources:**

- Office of Research Integrity: <http://ori.dhhs.gov/>