SELECTED READINGS ON SCIENCE, THE SCIENTIFIC PROCESS, ETHICS AND RESPONSIBILITY IN SCIENCE

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What is Science?


Animals in Research


Humans In Research


** Rothenberg, Albert The Emerging Goddess. The Creative Process In Art, Science, and Other Fields.

Scientific Freedom and Responsibility


*The Responsible Conduct of Research in the Health Sciences*, Institute of Medicine, National Academy Press, 1-97, 1989.


**Fraud In Science**

American Association for the Advancement of Sciences - American Bar Association National Conference of Lawyers and Scientists

1988 *Project on Scientific Fraud and Misconduct*, Workshop #1

1989 *Project on Scientific Fraud and Misconduct*, Workshop #2

1989 *Project on Scientific Fraud and Misconduct*, Workshop #3

All three were published by the AAAS, Washington, D.C.


Conflict of Interest/Conflict of Commitment


Conflict of Interest in Academic Health Centers, a Report by the AHC Task Force on Science Policy, Association of Academic Health Centers, 1990.


Crawford, Mark. MIT-Industry Links Draw Congressional Attention, Science 244: 1136.


Authorship


Ethics of Teaching and Learning


Communication in Science


Friedman, Sharon M., Dunwoody, Sharon, and Rogers, Carol L. Scientists and Journalists. Reporting Science as News. AAAS, Inc. 1986. (In particular see Chapter 4 by Jon D. Miller, Reaching the Attentive Public and Interested Publics for Science.)


Source Books and Bibliographies


Reiser, S. J., Dyck, A.J. and Curran, W. J. 


Other Things to Consider Including

Institutional Policies
1) Plagiarism/cheating
2) Honesty in Science
3) Animal Protocol Review Forms
4) Human Subjects Protocol Review Forms
5) Safety Manual
6) Other Materials from Your Institution

* Indicates use in courses in science at Florida State University.
** Indicates use in course on philosophical issues in science at the University of Texas Health Sciences Center at Houston.