

Responsible Conduct of Research

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Ethical Concerns in Research

- Plagiarism
- Misuse of privileged information
- Data
 - Integrity of data
 - Use and misuse of data/misconduct
 - Ownership of and access to data
 - Storage and retention of data



Authorship and Other Publication Issues

- Criteria for authorship
- Order of authors
- Self-citations
- Duplicate publication
- Accessibility of publications
- Early release of information about to be published



Other Ethical Issues

- Interference
- Obligation to report
- Curriculum vitae
- Conflict of interest



Human Subjects Research



- Responsibilities of research investigator
- Collaborative research

Historical Background

- Nuremberg NAZI Doctors Trial (46-47)
- Led to the Nuremberg Code
- Declaration of Helsinki (World Medical Association), 1964



Tuskegee Study and Other Unethical Studies



- **National Commission Reports (DHEW)**
- **Belmont Report, 1979**
 - Justice
 - Respect for persons
 - Beneficence

Institutional Review Board (IRB)

- **Institutional Policies**
- **Protection of Vulnerable Human Subjects**
 - Pregnant women, fetuses
 - Prisoners
 - Children



Definition of Research

- Research means a systematic investigation involving a human subject (living individual), including research development, testing, and evaluation, designed to develop or contribute to generalizable knowledge



Exempt Research-Determined By Individual Institution

- Quality improvement exercises
- Typical educational practices
- Educational tests, surveys, interview, or observation of public behavior

- Would advice to check with your IRB
- Consider whether or not you want to publish results

Expedited Review

- Involves no more than minimal risk
- Determined by the IRB office



Full Board Review

- Forms are determined by the institution
- Includes both scientific and ethical review



