

# Ethics and the Responsible Conduct of Research

## Spring 2009 – REVISED April 3, 2009

BMS 214 / Neuroscience 214

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### TIME:

**10:00 – 11:30 AM; late arrivals will not be given credit for the session and will need to make up the session next year**

**You also MUST sign the sign-in sheet to get credit for the session!**

**\*\* If you plan to attend some sessions at a different campus\*\*** Please note the schedule for weeks 2 and 3. Due to speaker availability, the Data Management session will be on April 22 at Parnassus, but April 30 at Mission Bay. Likewise, Human Subjects will be on April 23 at Mission Bay, April 29 at Parnassus. Please plan accordingly – we apologize for the inconvenience.

**Week 1:            Wednesday, April 15, Parnassus N217**  
**Thursday, April 16, Mission Bay Genentech Hall Auditorium**

**Animals in Research : Animal Rights and Animal Welfare**  
**[Faculty Presenters: Philip Sabes, Cliff Roberts and Diana Bauer]**

Ethical issues in animal experimentation; The history and philosophical underpinnings of antivivisectionism; Current federal guidelines and UCSF practices concerning lab animal care and use: CAR review procedures, training and certification, pain minimization.

**Week 2:            Wednesday, April 22, Parnassus N217**  
**Scientific Record Keeping, Data Management**  
**[Faculty presenter: Joe DeRisi]**

Lab notebooks; Requirements and community standards for proper collection and recording of data; Ownership of data; Selection of data for publication and presentation

**Thursday, April 23, Mission Bay Genentech Hall Auditorium**

**Human Subjects in Research**  
**[Faculty Presenter: Don Ganem]**

History of Research with Human Subjects; Helsinki Declaration; Belmont Report; Current institutional practices and policies; Informed consent; Access to patient records/materials; Human studies committees and IRBs; Safety issues in handling of human tissues

**Week 3:            Wednesday, April 29, Parnassus N217**  
**Human Subjects in Research**

**[Faculty Presenter: Don Ganem]**  
History of Research with Human Subjects; Helsinki Declaration; Belmont Report; Current institutional practices and policies; Informed consent; Access to patient records/materials; Human studies committees and IRBs; Safety issues in handling of human tissues.

**Thursday, April 30, Mission Bay Genentech Hall Auditorium**  
**Scientific Record Keeping, Data Management**

**[Faculty presenter: Joe DeRisi]**

Lab notebooks; Requirements and community standards for proper collection and recording of data; Ownership of data; Selection of data for publication and presentation

**Week 4:** **Wednesday, May 6, Parnassus N217**

**Thursday, May 7, Mission Bay Genentech Hall Auditorium**

**Publication and Authorship -- Rules and Etiquette**

**[Faculty Presenters: Tony DeFranco (Parn); Louis Reichardt (MB)]**

Review process, journals and editorial boards; Uniform requirements for manuscripts submitted to biomedical journals (ICMJE); Responsible authorship issues; Copyright management; Community standards regarding confidentiality of reviewed materials

**Week 5:** **Wednesday, May 13, Parnassus N217**

**Thursday, May 14, Mission Bay Genentech Hall Auditorium**

**Research Funding**

**[Faculty Presenter: Keith Yamamoto]**

Background on public funding of science; NIH structure and function; Types of grants; Proposal evaluation procedures; Private foundations and corporate funding; conflicts of interest; fiscal responsibility.

**Week 6:** **Wednesday, May 20, Parnassus N217**

**Thursday, May 21, Mission Bay Genentech Hall Auditorium**

**Plagiarism, Falsification and Fabrication-Examples of Scientific Misconduct**

**[Faculty Presenters: Bruce Conklin and Bernie Lo]**

Case study: Lessons to be learned from the Korean Stem Cell Case and other examples of scientific misconduct.

**Week 7:** **Wednesday, May 27, Parnassus N217**

**Thursday, May 28, Mission Bay Genentech Hall Auditorium**

**Science Outside of the Academy and Conflicts of Interest and Ethics**

**[Faculty Presenter: Douglas Crawford]**

Conflict of interest, public responsibility, academic mission and corporate goals.