BIM 209  Scientific Ethics and Integrity  Spring 2009

University of California, Davis
Department of Biomedical Engineering

Course Content: Scientific integrity and ethics for biomedical engineers, with emphasis and discussion on mentoring, authorship and peer review, use of humans and animals in biomedical research, conflict of interest, intellectual property, genetic technology and scientific record keeping. Biomedical Engineering majors only.

Schedule:  W 2:10 – 4:00 pm GBSF 2202

Organizer:  Scott Simon
Department of Biomedical Engineering
3313 GBSF Building
(530) 752-0299 (office)
Email: sisimon@ucdavis.edu

Textbook:
Scientific Integrity: An Introductory Text with Cases by F.L. Macrina (2nd or 3rd ed, ASM Press)

Grading:  Pass/Fail based on
       Class attendance
       Class participation
       Final Exam- a mock trial on final day of class.

Schedule of Classes:

April 1st  INTRODUCTION / AUTHORSHIP AND PEER REVIEW (CHAPTER 4)
       ✓ Scott Simon

April 8th  USE OF HUMANS IN BIOMEDICAL RESEARCH (CHAPTER 5)
       ✓ Connie Koog

April 15th USE OF ANIMALS IN BIOMEDICAL RESEARCH (CHAPTER 6)
       ✓ Leah Krubitzer

April 22nd MENTORING (CHAPTER 3)
       ✓ Angie Louie

April 29rd MANAGING COMPETING INTERESTS (CHAPTER 7)
       ✓ Kathleen MacColl
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<tr>
<th>Date</th>
<th>Topic</th>
<th>Presenter</th>
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<tr>
<td>May 6th</td>
<td>COLLABORATIVE RESEARCH (CHAPTER 8)</td>
<td>Kent Leach</td>
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<td>May 13th</td>
<td>GENETIC TECHNOLOGY AND SCIENTIFIC INTEGRITY (CHAPTER 10)</td>
<td>Soichiro Yamada</td>
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<td>May 20th</td>
<td>OWNERSHIP OF DATA &amp; INTELLECTUAL PROPERTY (CHAPTER 9)</td>
<td>Tonya Kuhl</td>
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<td>May 27th</td>
<td>PREPARATION FOR MOCK TRIAL</td>
<td>SCOTT SIMON</td>
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<td>June 3rd</td>
<td><strong>Final Mock Trial</strong></td>
<td>Scott Simon</td>
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