Discussions on Scientific Integrity – BMS 700
1 credit (P/F)
Course Coordinators: Fred L. Minnear and Daniel Vasgird
Text: In library – Francis Macrina, Scientific Integrity, 4th Edition

Topic
Research Misconduct
Philosophy background, ethics and morals, definitions
Intellectual Prop & Data Ownership
Ownership, Patents, trademarks, copyright
Innovation and Entrepreneurship

Plagiarism
Definition, what constitutes
Confidentiality with Datasets
Use & protection of patient data, accessing health records
Conflict of Interest
Financial, time, personnel, students, Federal definitions
Collaborative Research
Where, when, what, how, who
Human Research Protections
Early public health cases
Ethical Issues in Clinical Investigation
Institutional Review Board (IRB)
Application process; practical issues – review cases Animal
Research Protections
Federal regulations, philosophy
Authorship & Peer Review
Reviewing papers, proposals; publishing and responsibilities
Wrap-up session