

CONJ 650: THE PRACTICE AND ETHICS OF SCIENCE (2010)

Directors: Bruce Schnapp (*Cell & Developmental Biology L215; 4-8994; schnappb@ohsu.edu*)
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All sessions are in the Vollum Auditorium, M1441, on Tuesdays 4:00-5:00 PM followed, on Oct.5–Nov. 30, by small group discussions in rooms M1441, M1443, M1446, MRB634, and MRB735, 5:00-6:00 PM

Each Discussion group will be assigned a pair of faculty “leaders” who will facilitate an open discussion related to the topic of that day’s lecture. Further information on the Discussion section can be found on the course Sakai site, but you must be on the roster (as Instructor or student) to access that site.

I. Sept. 28 — Introduction to the course

Bruce Schnapp, Robert Duvoisin
(no small group discussion)

II. Oct. 5 — Scientific integrity and misconduct I (overview)

Chris Cunningham, Professor, Behavioral Neuroscience
Ethical Issues: Data handling, falsification, fabrication, plagiarism, consequences of misconduct

III. Oct 12 — Scientific integrity and misconduct II (publication & authorship)

Gary Westbrook, Senior Scientist, Vollum Institute & Previous Editor-in-Chief, *Journal of Neuroscience*
Ethical issues associated with authorship, writing (e.g., plagiarism), and data handling and representation

IV. Oct. 19 — Scientific integrity III (data handling and record keeping)

Bruce Schnapp, Professor, Cell & Developmental Biology
Data handling and record keeping with special emphasis on imaging data (gels, IF, etc)

V. Oct. 26 — Managing stress, anxiety and depression

Donald Rosen, M.D. Associate Professor of Psychiatry, Residency Training Director
How to recognize and deal with stress and depression

VI. Nov. 2 — Managing biotechnology and academic relations

Mark Slifka, Associate Scientist, Vaccine & Gene Therapy Institute
Technology transfer, alternative careers

VII. Nov. 9 — Bioethics of research using human tissue

Christopher Corless, Professor and Vice-Chair, Pathology & Knight Cancer Institute
Informed consent, relationships with pharmaceutical companies, privacy of genetic information

VIII. Nov. 16 — Institutional related issues

Carol Pratt, K&L Gates LLP, Portland, OR
Legal issues: research compliance and conflict of interest

IX. Nov. 23 — Ethics and standards in the use of animals in research

Michael Conn, Senior Scientist, Oregon National Primate Research Center
IACUC procedure, "animal right" activism

X. Nov. 30 — Managing student-mentor relations

Gary Banker, Senior Scientist, Jungers Center for Neuroscience Research
Building a network, issues to consider, expectations and responsibilities, switching advisors

XI. Dec. 7 — Finals Week— No Class