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BIOB 547.01A: Experimental Molecular, Cellular, and Chemical Biology

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**EXPERIMENTAL MOLECULAR, CELLULAR
AND CHEMICAL BIOLOGY
(BioB 547/CRN#73798; BCH 547/CRN#74029))
FALL/SPRING TERM 2013/2014**

COURSE SCHEDULE

Fridays, 12:10-1:00 p.m., Stone Hall 217

Aug 30	Organizational Meeting & Faculty panel on giving talks	Jan 21	Juan Palacios-Moreno dis: Baisen (Sam) Zeng
Sep 06	No Meeting	Feb 07	Britney Cheff dis: Daniel Vanderpool
Sep 13	Ting Wang dis: Laura Berg	Feb 14	Momei Zhou dis: Patrick Hutchins
Sep 20	Blair DeBuysscher dis: Britney Cheff	Feb 21	Eric Nold dis: Harmen Steele
Sep 27	Levi McClelland dis: Eric Nold	Feb 28	Ian Chrisman dis: Laura Berg
Oct 04	Baisen (Sam) Zeng dis: Ian Chrisman	Mar 07	Tiffany Emmons dis: Britney Cheff
Oct 11	Seth Flaaten dis: Tiffany Emmons	Mar 14	Laura Berg dis: Eric Nold
Oct 18	Indu warrier dis: Lauren Folz	Mar 21	Lauren Folz dis: Ian Chrisman
Oct 25	Jonathan Andrews dis: Momei Zhou	Mar 28	Joanna Kreitingering dis: Tiffany Emmons
Nov 01	Daniel Vanderpool dis: Joanna Kreitingering	Apr 04	No Meeting (Spring Break)
Nov 08	Sundaresh Shankar dis: Moses Leavens	Apr 11	Moses Leavens dis: Lauren Folz
Nov 15	Patrick Hutchins dis: Katy Hornak	Apr 18	Katy Hornak dis: Joanna Kreitingering
Nov 22	Harmen Steele dis: Margaret Elmer-Dixon	Apr 25	Margaret Elmer-Dixon dis: Moses Leavens
Nov 29	No Meeting (Thnx. Break)	May 02	Ellen Lark dis: Katy Hornak
Dec 06	J.T. Van Leuven dis: Levi McClelland	May 09	TBA dis: Margaret Elmer-Dixon
Dec 13	No Meeting (Finals)	May 16	No Meeting (Finals)

COURSE DESCRIPTION

This course is intended to function as a weekly research presentation forum for CMMB, Biochem/Biophys and other graduate students in laboratories with a molecular, cellular or chemical biological focus. Although one faculty member will serve as the official “instructor”, numerous faculty will participate weekly. Exchanges among graduate students and between faculty/students will provide opportunities for constructive criticism and assistance with planning, interpreting and presenting the students’ current research projects.

It is hoped that this will become a permanent course and a required element for IMB graduate students with a molecular focus, and will have a “galvanizing” effect, bringing together students and faculty with very diverse research interests.

COURSE EXPECTATIONS

Each participating graduate student will be expected to attend all meetings as well as to present their own work and serve as “discussant” to another students’ presentation at least once per academic year.

1. Present your work in progress. This will involve giving an approximately 40-minute presentation on your own experimental work (leaving 10 minutes for questions or interruptions). Your talk should include the following: 1) background information needed to understand the topic, 2) motivation for doing the experiments (i.e. describe the "hole" in our understanding that you are trying to fill and why it is important), 3) explain the experiments and results, and 4) summarize conclusions, interpretations and future directions. First-year students and/or students who do not yet have an experimental research project may choose to present a published research paper related to their lab's research. This would follow the same format.
2. Serve as discussant. This means you will introduce the speaker, giving an idea of their educational background, which lab they work in and for how long, and the title of their talk. You will also be responsible for calling on people and facilitating the discussion at the end of the talk. **This responsibility includes your asking at least two questions yourself during the discussion, so you must familiarize yourself with the work. During the discussion period after the talk, faculty questions will be suppressed until students have asked several questions.**
3. Participate in the discussion. Ask questions and show some enthusiasm. Fill out an evaluation so that the speaker gets some feedback about how to improve their presentation skills.
4. Sign the class roster so that we have a record of your attendance.

Grading: None. This course is offered on a pass/fail basis.