SYLLABUS

Pharmaceutical Sciences 890/891
“Highlights at the Chemistry–Biology Interface I/II”

Credits: 1 Credit per semester
Course time: 12:00–1:00 pm, once a month (day TBA each year)
Classroom: Chemistry building (room TBA each year)

COURSE OVERVIEW

The Highlights at the Chemistry–Biology Interface course, or “colloquium”, is intended for the graduate student trainees in the NIH Chemistry–Biology Interface Training (CBIT) program, to allow them meet together and share their research progress once a month. This course gives two trainees each month the opportunity to communicate their research results with a diverse scientific audience, and to obtain constructive feedback on their presentation skills. In turn, every trainee benefits by being exposed to a variety of research areas and techniques aimed at understanding and manipulating biological systems at the molecular level. In addition, this course provides all trainees a regular venue to consider critical aspects of research rigor and the responsible conduct of research.

- Credit hours are earned by performing at least 45 hours of research and giving one presentation over the course of the two-semester sequence.
- Written requirements include preparing presentation slides and filling out feedback forms for each speaker. Instruction is delivered face-to-face.
- This course fulfills the Graduate 50% requirement.

INSTRUCTORS AND TEACHING ASSISTANTS

PharmSci 890/891 is coordinated by the CBIT Program Director, Prof. Helen Blackwell, with the assistance of Dr. Cara Jenkins, the CBIT Program Coordinator.

Office hours with each are by appointment:
- Prof. Helen Blackwell: blackwell@chem.wisc.edu
- Dr. Cara Jenkins: clbradfo@wisc.edu
PHARMSCI 890/891 SCHEDULE FOR 2018–2019
Second Friday of the Month
Time/Location: 12:15–1:15 pm, Room 8335, Chemistry building

September 14, 2018
Helen Blackwell—program update and introduction of new trainees
Group photo and activity

October 12, 2018
Student-invited speaker: Kimberly Kaufman (Gellman PhD)

November 9, 2018
Stephanie Chong-Macias (Mecozzi)
Kayleigh Nyffeler (Blackwell)

November 30, 2018
Marc Chevrette (Currie)
Mark Klein (Denu)

December 14, 2018
Joseph Vasquez (Blackwell)
Kaitlin Dunn (Palecek)

January 11, 2019
RCR discussion

February 8, 2019
Ben Ortiz-Cardona (Lynn)
Trisha Tucholski (Ge)

March 8, 2019
Tim Tiambeng (Ge/ Jin)
Stephanie Blaszczynk (Tang)

April 12, 2019
Nathan Murray (Pagliarini)
Korbin West (Blackwell)

May 3, 2019
Rebeca Fernandez (Brunold)
Kevin Garcia (Weix)
OFFICIAL COURSE DESCRIPTION
As found in the UW–Madison Course Guide: “Principles of key discoveries at the chemistry-biology interface. This course is required of all Chemistry-Biology Interface trainees.”

PREREQUISITES
Graduate or professional standing

LEARNING OUTCOMES
Students in PharmSci 890/891 will:

- Identify and clearly present key background concepts relating to their research
- Explain key experiments leading to research conclusions
- Analyze the results of each experiment with the appropriate scientific rigor, and develop skills to justify their analytical choices
- Identify next research steps and goals
- Provide feedback to other trainees on presentation style and clarity, data analysis, and scientific rigor and responsible conduct of research

GRADING
Students are graded on their attendance (50%) and completion of scheduled presentations (50%).

STUDENT RIGHTS AND RESPONSIBILITIES
Every member of the University of Wisconsin–Madison community has the right to expect to conduct his or her academic and social life in an environment free from threats, danger, or harassment. Students also have the responsibility to conduct themselves in a manner compatible with membership in the university and local communities. UWS Chapters 17 and 18 of the Wisconsin Administrative Code list the university policies students are expected to uphold and describes the procedures used when students are accused of misconduct. Chapter 17 also lists the possible responses the university may apply when a student is found to violate policy. The process used to determine any violations and disciplinary actions is an important part of UWS 17. For the complete text of UWS Chapter 17, see this link, or contact the on-call dean in the Dean of Students Office, 608-263-5700, Room 70 Bascom Hall.

No student may be denied admission to, participation in or the benefits of, or discriminated against in any service, program, course or facility of the [UW] system or its institutions or centers because of the student's race, color, creed, religion, sex, national origin, disability, ancestry, age, sexual orientation, pregnancy, marital status or parental status.
ACADEMIC INTEGRITY

By enrolling in this course, each student assumes the responsibilities of an active participant in UW–Madison’s community of scholars in which everyone’s academic work and behavior are held to the highest academic integrity standards. Academic misconduct compromises the integrity of the university. Cheating, fabrication, plagiarism, unauthorized collaboration, and helping others commit these acts are examples of academic misconduct, which can result in disciplinary action. This includes but is not limited to failure on the assignment/course, disciplinary probation, or suspension. Substantial or repeated cases of misconduct will be forwarded to the Office of Student Conduct & Community Standards for additional review. For more information, refer to: studentconduct.wiscweb.wisc.edu/academic-integrity/.

ACCOMMODATIONS FOR STUDENTS WITH DISABILITIES

McBurney Disability Resource Center syllabus statement: “The University of Wisconsin–Madison supports the right of all enrolled students to a full and equal educational opportunity. The Americans with Disabilities Act (ADA), Wisconsin State Statute (36.12), and UW–Madison policy (Faculty Document 1071) require that students with disabilities be reasonably accommodated in instruction and campus life. Reasonable accommodations for students with disabilities is a shared faculty and student responsibility. Students are expected to inform faculty of their need for instructional accommodations by the end of the third week of the semester, or as soon as possible after a disability has been incurred or recognized. Faculty will work either directly with the student or in coordination with the McBurney Center to identify and provide reasonable instructional accommodations. Disability information, including instructional accommodations as part of a student’s educational record, is confidential and protected under FERPA.” For more information, refer to: http://mcburney.wisc.edu/facstaffother/faculty/syllabus.php

DIVERSITY & INCLUSION

Institutional statement on diversity: “Diversity is a source of strength, creativity, and innovation for UW–Madison. We value the contributions of each person and respect the profound ways their identity, culture, background, experience, status, abilities, and opinion enrich the university community. We commit ourselves to the pursuit of excellence in teaching, research, outreach, and diversity as inextricably linked goals.

The University of Wisconsin–Madison fulfills its public mission by creating a welcoming and inclusive community for people from every background – people who as students, faculty, and staff serve Wisconsin and the world.” For more information, refer to: https://diversity.wisc.edu/