

CSBL 5074: Introduction to Research

Fall 2017

CLASS DAYS and TIME: August 23-November 8, every Wednesday (1:00pm-2:00pm)

CLASSROOM: ALTC 2.202; Class will meet in ALTC 2.204 on 9/27/17 at 12-1pm

COURSE DIRECTOR: Dr. Yidong Bai

TEACH ASSISTANT: TBD

OFFICE LOCATION: Main campus, MED 221D

EMAIL: Bailey@uthscsa.edu

TELEPHONE: (210) 567-0561

COURSE DESCRIPTION AND OBJECTIVES

In this course students will have the opportunity to learn of the research programs in the department of Cellular and structural Biology. This course will not only introduce students to the research strategies, but also inform them of opportunities for rotation/thesis.

COURSE OBJECTIVES:

By the end of this course, students should be able to:

1. Have the fundamental knowledge of research strategies and thinking;
2. Identify their most interesting research areas;
3. Find a proper lab for rotation/thesis.

COURSE ORGANIZATION/ FORMAT:

45mins lectures plus 15mins discussion.

This course invites over 16 faculty to give students a 45mins talk about their own research in each week. Students are highly encouraged to participate the discussion after the lecture.

CREDITS:

0.5 unit

ATTENDANCE

Attendance is required for all meeting times. If illness or an emergency situation arises, the student must contact the Course Director as soon as possible. Unexcused absences and excused absences should be discussed between the student and the Course Director, and a written request is required in advance of any absence and all written requests must include the date of the absence and the details regarding the circumstances of the absence. Students are expected to conduct themselves in a manner respectful of both faculty and fellow students in the classroom. Students should be punctual, as class will begin promptly at the scheduled start time.

TEXTBOOKS

Required: There are no required textbooks for this course.

GRADING POLICIES AND EXAMINATION PROCEDURES

The semester grade will consist of points accumulated from class attendance and discussion.

1. Attendance: (70% of final course grade)
2. Class Participation (30% of the final grade):
 - No comments/questions in a given class session = 0%
 - One comment/question in a given class session = 70%
 - Multiple comments/questions in a given class session = 100%

Final Grade Policy: Grades will be assigned as follows: Satisfactory (S) (70-100%) or Unsatisfactory (U) (<70%). It is the prerogative of the course director to determine if grades of Honors (H), Incomplete (I), or in Progress (IP) are warranted.

REQUESTS FOR ACCOMODATIONS FOR DISABILITIES

In accordance with policy 4.2.3, **Request for Accommodation Under the ADA and the ADA Amendments Act of 2008 (ADAAA)**, any student requesting accommodation must submit the appropriate request for accommodation under the American with Disabilities Act (ADA, form 100) to his/her appropriate Associate Dean of their School and a copy to the ADA Coordinator. Additional information may be obtained at <http://uthscsa.edu/eeo/request.asp>.

ACADEMIC INTEGRITY AND PROFESSIONALISM

Any student who commits an act of academic dishonesty is subject to discipline as prescribed by the UT System Rules and Regulations of the Board of Regents. Academic dishonesty includes, but is not limited to, cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an exam for another person, signing attendance sheets for another student, and any act designed to give unfair advantage to a student or the attempt to commit such an act. Additional information may be obtained at <http://catalog.uthscsa.edu/generalinformation/generalacademicpolicies/academicdishonestypolicy/>

TITLE IX AT UTHSCSA

Title IX Defined:

Title of the Education Amendments of 1972 is a federal law that prohibits sex discrimination in education. It reads “no person in the United States shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance.”

University of Texas Health Science Center San Antonio’s Commitment:

University of Texas Health Science Center San Antonio (UTHSCSA) is committed to maintaining a learning environment that is free from discriminatory conduct based on gender. As required by Title IX, UTHSCSA does not discriminate on the basis of sex in its education programs and activities, and it encourages any student, faculty, or staff member who thinks that he or she has been subjected to sex discrimination, sexual harassment (including sexual violence) or sexual misconduct to immediately report the incident to the Title IX Director.

In an emergency, victims of sexual abuse should call 911. For non-emergencies, they may contact UPD at 210-567-2800. Additional information may be obtained at <http://students.uthscsa.edu/titleix/>

CLASS SCHEDULE
CSBL 5074: Introduction to Research
Fall 2017

Week	Date	Topic	Instructor	Contact
8/23/2017	1-2pm	Introduction	Y. Bai, Ph.D.	BaiY@uthscsa.edu
8/30/2017	1-1:30pm	BRCA1, not just for breast cancer	A. Bishop, D.Phil.	Bishopa@uthscsa.edu
	1:30-2pm	Transposable element activation in neurodegenerative tauopathies	B. Frost, Ph.D.	Bfrost@uthscsa.edu
9/6/2017	1-1:30pm	Things you want to know about pancreas	P. Wang, Ph.D.	Wangp3@uthscsa.edu
	1:30-2pm	Alternative splicing and Alzheimer's disease	L. Chen, Ph.D.	ChenL7@uthscsa.edu
9/13/2017	1-1:30pm	RNA binding proteins in brain tumors	L. Penalva, Ph.D.	Penalva@uthscsa.edu
	1:30-2pm	Powerhouse of cell metabolism	J. Deng, M.D.	Deng@uthscsa.edu
9/20/2017	1-1:30pm	1. CNS Regulation of body fluid homeostasis (dissertation work) 2. Educational research projects 3. Cadaveric research projects.	H. Nation, Ph.D.	Nation@uthscsa.edu
	1:30-2pm	TBD	R. Reiter, Ph.D.	Reiter@uthscsa.edu
9/27/2017 Room: 2.204 ALTC	12-12:30 pm	Models of aging research: from worms to naked mole-rats	K. Rodriguez, Ph.D.	Rodriguezk@uthscsa.edu
	12:30-1pm	MS Programs: Preparation for thesis proposal by current & former students	L. Solis, Y. Qian & R. McKenzie	
10/4/2017	1-1:30pm	Oxidative stress in neurodegeneration	Q. Ran, Ph.D.	Ran@uthscsa.edu
	1:30-2pm	Development of anatomical models and clinical cases to enhance student learning	R. Kar, Ph.D.	Karr@uthscsa.edu
10/11/2017	1-2pm	The kidney: A Blood Cleaner and Wastewater Filter	S. Habib, Ph.D.	Habib@uthscsa.edu
10/18/2017	1-1:30pm	Research Topics	O. Rahimi, Ph.D.	Rahimi@uthscsa.edu
	1:30-2pm	Research with mammary stem/progenitor cells	L. Sun, Ph.D.	Sunl@uthscsa.edu
10/25/2017	1-1:30pm	Obesity, type 2 diabetes, and the related diseases	L. Dong, Ph.D.	Dongq@uthscsa.edu
	1:30-2pm	Keeping pace with Caspase-2	R. Sharma, Ph.D.	SharmaR3@uthscsa.edu
11/1/2017	1-2pm	Scientific integrity	E. Kraig, Ph.D.	Kraig@uthscsa.edu
11/8/2017	1-1:30pm	Neuromuscular dysfunction in diabetes and aging	A. Bhattacharya, Ph.D.	Bhattacharya@uthscsa.edu
	1:30-2pm	Hepatocellular carcinoma	C. Walter, Ph.D.	Walter@uthscsa.edu