IBMS 6097-6BMM
Biochemical Mechanisms in Medicine (BMM) Research

Fall 2020

CLASS DAYS and TIME: By arrangement

CLASSROOM: n/a

COURSE FACULTY: David S. Libich, Ph.D., and faculty serving as supervising professors

OFFICE LOCATION and HOURS: RAB 5.206.2, by appointment

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TELEPHONE: 210-450-8326

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COURSE DESCRIPTION AND OBJECTIVES

This course involves independent, original research under the direction of a faculty advisor.

Pre-requisites: None

Semester credit hours**:** To be arranged

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

- Conduct independent experiments using the appropriate experimental approaches in biomedical research to address scientific questions.
- Interpret the underlying principles, experimental design, data and analyses of specific biomedical experiments.
- Generate preliminary data for dissertation/thesis proposal
- Orally present and defend a dissertation/thesis proposal

COURSE ORGANIZATION

The main teaching modalities used in this course include:

1. Laboratory work
2. Independent study
3. Faculty-student meetings

Materials: Laboratory protocols, laboratory notebook.

Computer Access: Any personal computer.

Reading Assignments: As required by supervising professor.

ATTENDANCE

Attendance and participation are mandatory. All students are required to meet with their research supervising committees at least once per semester and provide specific meeting evaluation forms to the Program Coordinator. See Coordinator for details. An U (unsatisfactory) or I (incomplete) may be assigned if the student fails to participate in and make satisfactory progress with their assigned work. Any scheduled absences must be approved by the faculty mentor prior to the absence. If a recurring absence is needed due to medical reasons, the student should notify the course director(s) and provide a doctor's note.

TEXTBOOKS

Required: n/a

Recommended: n/a

GRADING POLICIES AND EXAMINATION PROCEDURES

Students will be graded on their attendance, participation and research progress. The final grade will be determined by the supervising professor, in consultation with the student's supervising committee (if appropriate).

Grading System:

(Honors / Satisfactory / Unsatisfactory / Incomplete)

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/

EMAIL POLICY

Every student is issued a University e-mail address and account at the time of enrollment. As a matter of University Policy, communications between students and faculty that occur using the student's University e-mail address is considered official business. Therefore, students are expected to check their university email inboxes on a regular basis so that any announcements, instructions, or information regarding this course will be received in a timely way. Missed communications due to inadequate monitoring of incoming emails on the University's email server will never be a valid excuse for unsatisfactory academic progress

USE OF RECORDING DEVICES

Recording of lectures and other learning activities in this course by any means (*e.g.*, video, audio, etc.) is only permitted if approved by the instructor or required for compliance with Americans with Disabilities Act (ADA).

ELECTRONIC DEVICES

Cell phones must be turned off during all class meetings and exams. Computers and electronic tablets are allowed only for participating in classroom activities (e.g., viewing slides presented in lecture or conference materials). No texting, tweeting, emailing, web- surfing, gaming, or any use of electronic devices that is not directly connected with classroom activities is permitted.