

MICR 5090

Research Progress Report

Spring 2019

CLASS DAYS and TIME: Tuesday, 4:00--5:00 pm

CLASSROOM: Medical School Room 444B

COURSE DIRECTOR: Dr. T.R. Kannan, 256A Medical Building

OFFICE HOURS: By Appointment

EMAIL: Kannan@uthscsa.edu

TELEPHONE: 210-562-4182

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COURSE DESCRIPTION AND OBJECTIVES

This course allows students to present a progress report on their research project in a formal setting. Students present a 50-minute seminar to members of the Molecular Immunology & Microbiology Discipline and the Department of Microbiology, Immunology and Molecular Genetics. Students are challenged to think independently and critically through practice of asking and answering critical questions as they organize their presentation, and they evaluate each other's research findings. This course serves as a mechanism for the students to develop and practice oral presentation skills in a friendly environment, learn to explain experimental rationale, scientific methods, results and their significance to colleagues. Research Progress Report (RPR) serves as a vehicle to encourage student productivity within the laboratory. The seminars are videotaped for review by the presenters.

Pre-requisite – Typically, a student has identified his/her prospective Research Advisor prior to signing up for this course.

Semester credit hours – 1.0

By the end of this course, each student should have accomplished the following:

- Given an oral presentation of their research progress
- Critiqued the presentations of their student colleagues
- Viewed the video of their presentation and considered the critiques of other students and the course director

COURSE ORGANIZATION

For each student presentation, all students in attendance will complete a review form that assesses the following:

Presentation: Is the talk well organized? Are the slides readable? Are the picture and diagrams attractively presented?

Data Clarity: If the data that was actually generated in the study clearly presented? Are the graphs and tables easy to understand? Are the headings and axis labels appropriate and readable?

Significance: Is this original work? Is this the first time this area has been explored in this way? What makes this project unique? How has this work added to the body of scientific knowledge? Is this something on which the student and/or mentor can build?

Controls: Are the adequately controls included? Does the speaker provide evidence that sufficiently justify scientific claims?

Student: Does the student understand the project? Does the student explain the project adequately? Does the student “talk” you through the presentation? Is the student familiar with the background from which the project grew? Can the student explain the relevance of the project to biological science/medicine? Is the product consistent with experience of student? Does the student seem to be well prepared to give the seminar?

The students turn in their completed review forms to Dr. Kannan, who then shares the forms with the student who gave the presentation and discusses any major criticisms with the student at that time.

ATTENDANCE

Students must attend 90% of the RPR meetings in order to receive a grade of Satisfactory.

TEXTBOOKS

None

GRADING POLICIES AND EXAMINATION PROCEDURES

Students will receive a Satisfactory or Unsatisfactory for this course based on regular attendance and the completion of all presentation review forms.

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

The expectation is that all students will exhibit the highest standards of scholastic and scientific integrity as elaborated on page 99 of the current UTHSCSA Student Catalog. 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 on exams, plagiarism, tampering with reference materials or files, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person (e.g. copying material from the web without proper attribution), and any act designed to give unfair advantage to a student or the attempt to commit such an act. Failure to abide by these rules of professional conduct will result in a grade of zero for the exam in question and, depending on the nature of the infraction, the consequences may include dismissal from the program.

If you suspect another student of professional misconduct, please bring your suspicions directly to the Course Director. Confidentiality will be maintained at every level during any ongoing investigation of suspected academic or scientific misconduct.

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 are 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). Texting, tweeting, emailing, web-surfing, gaming, or any use of electronic devices that is not directly connected with classroom activities is NOT permitted.