

# MICR 5091

## Current Topics in Microbiology & Immunology

### Fall 2016

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**CLASS DAYS and TIME:** Tuesdays and Thursdays, 9:00-10:30 AM

**CLASSROOM:** 5.063V, Basic Sciences Building

**COURSE FACULTY:** Dr. Michael Berton

**OFFICE HOURS:** By Appointment

**EMAIL:** [berton@uthscsa.edu](mailto:berton@uthscsa.edu)

**TELEPHONE:** Dr. Berton – 210-567-3931

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**READ THIS DOCUMENT CAREFULLY - YOU ARE RESPONSIBLE FOR ITS CONTENTS.**

### COURSE DESCRIPTION AND OBJECTIVES

An opportunity for incoming students to examine the research programs of MI&I Program Graduate Faculty. Face-to-face meetings with departmental investigators will be arranged; written reports will be handed in weekly. The course will culminate in the identification and assignment of the student's Research Advisor.

**Pre-requisite** – none

**Semester credit hours** – 1.0

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

- Summarize the research objectives and interests of each of the MSI&I program faculty
- Select a Research Advisor from the MSI&I program faculty

### COURSE ORGANIZATION

**Fall semester:** M.S. Students will meet as a group 2-3 times per week with 2-3 faculty per class period to hear the individual faculty describe their research program. Students are expected to prepare before each class period by familiarizing themselves with the faculties' webpages and recent publications so that they can ask pertinent questions and learn as much about each research program in the allotted time as possible. In addition, each student is required to schedule a separate 15-30 minute appointment with at least three faculty in whose research they are particularly interested. The purpose of these meetings is to meet potential mentors one-on-one and to tour their lab. Each student will email Dr. Berton the dates of their scheduled appointments with the three faculty mentors. In addition to interviewing potential mentors, each student is expected to read at least one recent publication by the faculty members to be interviewed. The student will then prepare a 1-page (single-spaced) summary of each meeting, including a brief description of the lab's main research interests and a brief summary of the paper selected for that week. The written summary will be due to Dr. Berton no later than 5 pm on the Monday following the week of the interview.

**Reading Assignments** – faculty webpage research descriptions and recent faculty publications

## ATTENDANCE

In order to achieve the expected level of competency, students must be fully engaged. **Students are therefore expected to attend every class period and every scheduled meeting with faculty and to be on time.** It is recognized that a student may occasionally arrive late to class due to unexpected traffic problems or inclement weather. However, chronic lateness is considered an unprofessional behavior that disrupts the learning environment for everyone else in the classroom.

## TEXTBOOKS

None

## GRADING POLICIES AND EXAMINATION PROCEDURES

Students will receive a letter grade (A, B, C, etc.) for this course that will be based on the quality of the written interview summaries. Students must interview and prepare summaries for at least three of the MS program faculty. There will be no exams in this course.

### Grading System

Grading may be curved at the discretion of the course director and is based on the following scale:

A = 90-100% B = 80-89% C = 70-79% F = < 70%

**Note:** Fractions of grades are rounded to the nearest whole number for your final course grade. For example, 89.45 is an A, but 89.44 is a B.

## REQUESTS FOR ACCOMMODATIONS 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/eo/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.

**TENTATIVE CLASS SCHEDULE**  
**MICR 5091 Current Topics in Microbiology and Immunology**  
**Fall 2016**

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<b>DATE/TIME</b>	<b>Lab presenter</b>	<b>Room</b>
<b>Tuesday September 6</b>		
9-9:30 am	TBA	5.063V
9:30-10 am	TBA	5.063V
10-10:30 am	TBA	5.063V
<b>Thursday September 8</b>		
9-9:30 am	TBA	5.063V
9:30-10 am	TBA	5.063V
10-10:30 am	TBA	5.063V
<b>Tuesday September 13</b>		
9-9:30 am	TBA	5.063V
9:30-10 am	TBA	5.063V
10-10:30 am	TBA	5.063V
<b>Thursday September 15</b>		
9-9:30 am	TBA	5.063V
9:30-10 am	TBA	5.063V
10-10:30 am	TBA	5.063V
<b>Tuesday September 20</b>		
9-9:30 am	TBA	
9:30-10 am	TBA	5.063V
10-10:30 am	TBA	5.063V
<b>Thursday September 22</b>		
9-9:30 am	TBA	5.063V
9:30-10 am	TBA	5.063V
10-10:30 am	TBA	5.063V
<b>Tuesday September 27</b>		
9-9:30 am	TBA	5.063V
9:30-10 am	TBA	5.063V
10-10:30 am	TBA	5.063V
<b>Thursday September 29</b>		
9-9:30 am	TBA	
9:30-10 am	TBA	5.063V
10-10:30 am	TBA	5.063V

# MICR 5091

## Current Topics in Microbiology & Immunology

### Spring 2016

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**CLASS DAYS and TIME:** Tuesdays and Thursdays, 1:00-3:00 PM

**CLASSROOM:** 5.063V, Basic Sciences Building

**COURSE FACULTY:** Dr. Keith Krolick

**OFFICE HOURS:** By Appointment

**EMAIL:** [krolick@uthscsa.edu](mailto:krolick@uthscsa.edu)

**TELEPHONE:** Dr. Krolick – 210-567-3968

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### COURSE DESCRIPTION AND OBJECTIVES

A combination of library research and discussion with a member of MSI&I program faculty will give each student in-depth understanding of a selected topic in immunology & microbial pathogenesis. The course will culminate in the submission of the student's Thesis Research Proposal.

**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:

- worked with his/her prospective Research Advisor directly to develop an appropriate research project to begin the following Fall semester
- completed a 5 page single-spaced research proposal describing the thesis research project to be conducted in year 2
- prepared a presentation of the thesis proposal for the first meeting of the student's Research Supervising Committee in the Fall semester, Year 2.

### COURSE ORGANIZATION

Students will meet individually for at least one hour **each week** with their Research Advisor to discuss research proposal ideas and to review relevant scientific literature. If time permits, students should also spend as much time as possible per week to familiarize themselves with the laboratory of the Research Advisor and the general methods used in that laboratory.

**Reading Assignments** – TBA

### ATTENDANCE

In order to achieve the expected level of competency, students must be fully engaged. **Students are therefore expected to attend every scheduled meeting with their Research Advisor and to be on time.** It is recognized that a student may occasionally arrive late due to unexpected traffic problems or inclement weather. However, chronic lateness is considered an unprofessional behavior that disrupts the learning experience.

## TEXTBOOKS

None

## GRADING POLICIES AND EXAMINATION PROCEDURES

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