

**MICR 5095**  
**CURRENT TOPICS IN IMMUNOBIOLOGY AND HOST-MICROBE INTERACTIONS**  
**Spring 2017**

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<b>CLASS DAYS and TIME:</b>	<b>Fridays 12:00-1:00 PM</b>
<b>CLASSROOM:</b>	<b>room 5.028v, Basic Sciences Building</b>
<b>COURSE FACULTY:</b>	<b>Nu Zhang, Ph.D.</b> <b>Course Director</b>
<b>OFFICE HOURS:</b>	<b>By appointment</b>
<b>EMAIL:</b>	<a href="mailto:zhangn3@uthscsa.edu">zhangn3@uthscsa.edu</a>
<b>TELEPHONE:</b>	<b>Zhang: 567-3973</b>

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

#### **COURSE DESCRIPTION AND OBJECTIVES**

MICR 6095 is designed to provide a platform to discuss ongoing research on campus related to a broad area of immunology and host-microbe interaction and develop critical thinking skills in biomedical research. Students will also gain a more detailed understanding of the current cutting-edge concepts, methods, and experimental systems conveniently available on campus that can be incorporated into their own thesis research.

**Prerequisites:** IBMS 5000 or MICR 5051 and permission of course director

**Semester credit hours:** 1

#### **Course objectives:**

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

- Be familiar with current research in the immunology and microbiology labs on campus.
- Be familiar with the modern technologies used in various labs.

#### **COURSE ORGANIZATION**

MICR 6095 is offered in the spring and fall semesters. The course in both semesters is designed for graduate students after their first year in the Infection, Inflammation and Immunity PhD curriculum. Throughout the year, a representative from each research lab will have an opportunity to share their ongoing projects. Enrolled students are expected to actively participate in the discussion and/or presentation in the course.

## SCHEDULE

See class schedule on last page of syllabus

## ATTENDANCE

In order to achieve the expected level of competency, students must be fully engaged. **Students are therefore expected to attend every presentation 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

N/A

## GRADING POLICIES AND EXAMINATION PROCEDURES

**Grading System – Final letter grades** for the both semesters will be based solely on the quality of student attendance, presentation and discussions.

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.

**Examination Protocol** – N/A

**Grading Procedures** – Grade will be provided to students as quickly as possible after the last presentation of each semester. No “challenges” are allowed.

**Make-up Examinations** – N/A

## REQUESTS FOR ACCOMODATIONS FOR DISABILITIES

Information regarding accommodations for disabilities is available in the UTHSCSA Catalog. A student who wishes to request accommodation for a disability should contact the Associate Dean for Students, Graduate School of Biomedical Sciences. The Student Request for Accommodations under Americans with Disabilities Act form and additional information may be obtained at <http://www.uthscsa.edu/eo/request.html>.

## SCIENTIFIC INTEGRITY / PROFESSIONAL CONDUCT:

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.

## 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.

### MICR 6095 CURRENT TOPICS IN IMMUNOBIOLOGY AND HOST-MICROBE INTERACTIONS Spring 2017 CLASS SCHEDULE Fri 12:00-1:00 PM

Date	Time	Topic	Presenter	Room	Reading Assignment
Jan 13	12-1 pm	TBA	TBA	5.028V	TBA
Jan 20	12-1 pm	TBA	TBA	5.028V	TBA
Jan 27	12-1 pm	TBA	TBA	5.028V	TBA
Feb 3	12-1 pm	TBA	TBA	5.028V	TBA
Feb 10	12-1 pm	TBA	TBA	5.028V	TBA
Feb 17	12-1 pm	TBA	TBA	5.028V	TBA
Feb 24	12-1 pm	TBA	TBA	5.028V	TBA
Mar 3	12-1 pm	TBA	TBA	5.028V	TBA
Mar 10	12-1 pm	TBA	TBA	5.028V	TBA
Mar 24	12-1 pm	TBA	TBA	5.028V	TBA
Mar 31	12-1 pm	TBA	TBA	5.028V	TBA
Apr 7	12-1 pm	TBA	TBA	5.028V	TBA
Apr 14	12-1 pm	TBA	TBA	5.028V	TBA
Apr 21	12-1 pm	TBA	TBA	5.028V	TBA
May 5	12-1 pm	TBA	TBA	5.028V	TBA
May 19	12-1 pm	TBA	TBA	5.028V	TBA

May 26	12-1 pm	TBA	TBA	5.028V	TBA
Jun 2	12-1 pm	TBA	TBA	5.028V	TBA
Jun 9	12-1 pm	TBA	TBA	5.028V	TBA

**Fall class requirements:**

**Presentations** – In each class, a representative (PI, postdoc or senior graduate student) from participating labs will present the ongoing research and/or novel technologies conducted in the lab. The presentation should include sufficient background introduction and detailed explanation of the leading hypothesis followed by data analysis and discussion.

**Discussion** - Each student is expected to read recent publications from the presenting lab. The presentation is highly interactive and filled with discussion. The questions and discussion raised during the presentation is directly linked with the final grade for enrolled students.

**List of students registered for the course:**

To be announced