

## MICR 5090 Research in progress

Meets Tuesday, 4:00--5:00 pm

Medical School Room 444B

Course Director

T.R. Kannan

Rm: 256A

Telephone: 210--562--4182

Email: [Kannan@uthscsa.edu](mailto:Kannan@uthscsa.edu)

Academic Program Coordinator--MIMG

Amber Yuker

Office: 5.003V MED

Telephone:

(210) 567--3952

Email: [yukera@uthscsa.edu](mailto:yukera@uthscsa.edu)

### Course Description & Objectives:

Students annually present their research findings in form of a 50 minute seminar to members of the Microbiology, Immunology and Molecular Genetics Track. 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. Seminar serves as a vehicle to encourage student productivity within the laboratory. As it is an unofficial "progress report". All students fill out 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 fill out the above form and turn it into Dr. Kannan, who then passes it along to the student who gave the presentation. Any major issues are addressed at that time.

Attendance: Failure to meet the 90% rule may cause a student to lose credit.