

IBMS 6090 Seminar Fall 2023

CLASS DAYS and TIME: Variable, depends on the individual discipline

CLASSROOM: Variable, depends on the individual discipline

COURSE FACULTY: P. Renee Yew, Ph.D., Course Director

OFFICE LOCATION and HOURS: Office STR 261.2, by appointment

EMAIL: yew@uthscsa.edu

TELEPHONE: 210-562-4150

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FOR ITS CONTENTS.**

COURSE DESCRIPTION AND OBJECTIVES

IBMS 6090 Seminar Course.

This course is required of all students in the IBMS program, except for those who have signed up for Final Hours. Students are required to attend a minimum of 16 **faculty** seminars per semester and to complete a requirement to demonstrate their attendance and participation. To fulfill the minimum number of seminars, students may include faculty seminars offered by disciplines other than their own in which they are enrolled. However, students should obtain approval from the course co-director of their individual discipline. The course numbers are IBMS 6090-1GEN, 6090-2BA, 6090-3CB, 6090-4CGM, 6090-5MIM, 6090-6MBB, 6090-7NS, and 6090-8PP for the seven (7) IBMS Disciplines: the Biology of Aging (BA), Cancer Biology (CB), Cell Biology, Genetics & Molecular Medicine (CGM), Molecular Immunology & Microbiology (MIM), Molecular Biophysics & Biochemistry (MBB), Neuroscience (NS), and Physiology & Pharmacology (PP). Students who have not declared a discipline should sign up for IBMS 6090-1GEN. Grading will be Satisfactory or Unsatisfactory. A list of seminars from all disciplines will be posted on the Graduate School Web site and in the IBMS Calendar. Each discipline course co-director will determine, for the discipline, the policy for tracking student's attendance and participation in seminars. The individual policy for each discipline is described below.

IBMS 6090-1GEN. General.

Course director: P. Renee Yew, Ph.D.

Students are required to attend a minimum of 16 **faculty** seminars per semester in order to obtain a passing grade. The 16 can be selected from seminars from any disciplines. To assist in developing each student's own presentation skills, the student will submit a brief summary (2-4 sentences) of the strengths and weaknesses, both in presentation style and content, of each seminar they attend. Students can, of course, attend and comment on more than 16 seminars per semester if they wish. Students should keep track of their attendance using an Excel spreadsheet that will be submitted at the end of the semester for grading.

IBMS 6090-2BA. Biology of Aging.

Discipline Co-course director: Adam Salmon, Ph.D.

To record attendance of students at seminars, students will e-mail the course co-director. A passing grade requires attendance at 16 **faculty** seminars. Students will contact the course director if they missed or are unable to attend a seminar (sick; scientific travel/meeting) and the course director can make the allowance or not.

IBMS 6090-3CB. Cancer Biology.

Discipline Co-course director: Luiz Penalva, Ph.D.

Students are required to attend a minimum of 16 seminars presented by faculty per semester. Symposiums or workshops will be considered as a substitute. Students will get 1 credit per workshop attended (1 workshop = 1 seminar). Attendance will be controlled via Dropbox. A folder will be created with the name of each student. Students will upload 3 sentences summary for each seminar they attended. Students are free to choose seminars, including the ones offered at UTSA and Texas Biomed.

IBMS 6090-4CGM. Cell Biology, Genetics & Molecular Medicine.

Discipline Co-course director: Luiz Penalva, Ph.D.

Students are required to attend a minimum of 16 seminars presented by faculty per semester. Symposiums or workshops will be considered as a substitute. Students will get 1 credit per workshop attended (1 workshop = 1 seminar). Attendance will be controlled via Dropbox. A folder will be created with the name of each student. Students will upload 3 sentences summary for each seminar they attended. Students are free to choose seminars, including the ones offered at UTSA and Texas Biomed.

IBMS 6090-5MIM. Molecular Immunology & Microbiology.

Discipline Co-course director: Alexei V. Tumanov, Ph.D.

Students registered in IBMS 6090-5MIM should attend an average of 1 **faculty** seminar per week, or a total of not less than 16 seminars per semester. These 16 seminars must include all seminars sponsored by the Department of Microbiology Immunology & Molecular Genetics but the student is free to select from seminars sponsored by other departments in order to achieve this level of attendance if an insufficient number are offered by the Department of Microbiology and Immunology, or if an unavoidable absence causes the student to miss a Microbiology Immunology & Molecular Genetics Department-sponsored seminar. Students must notify the course co-director of IBMS 6090-5MIM of their attendance at seminars other than those sponsored by the Microbiology Immunology & Molecular Genetics Department. Students may be excused from one seminar per semester for a valid reason (e.g. illness, death in family, attendance of scientific meetings). The course co-director should be notified by email of any anticipated absence no later than the day before the seminar and for unanticipated absences within one day after the seminar. Each student will be required to sign an attendance sheet available at each seminar to document attendance.

IBMS 6090-6MBB. Molecular Biophysics & Biochemistry.

Discipline Co-course director: Alexander Mazin, Ph.D.

Students registered in IBMS 6090-6BMM should attend an average of 1 **faculty** seminar per week, or a total of not less than 16 seminars per semester. These 16 seminars must include all seminars sponsored by the Department of Biochemistry and Structural Biology, but the student is free to select from seminars sponsored by other departments in order to achieve this level of attendance if an insufficient number are offered by the Department of

Biochemistry and Structural Biology, or if an unavoidable absence causes the student to miss a Department of Biochemistry and Structural Biology sponsored seminar. Students may be excused from one seminar per semester for a valid reason (e.g. illness, death in family, attendance of scientific meetings). The Course Director should be notified by email of any anticipated absence no later than the day before the seminar and for unanticipated absences within one day of the seminar.

Student sign-in sheets provided at seminar sites will be used to determine student attendance at all Biochemistry and Structural Biology sponsored seminars. Students are responsible for ensuring they have signed in (attendance will be logged by the Course Director for virtual BSB sponsored seminars). Students can, of course, attend and comment on more than 16 seminars per semester if they wish. Attendance at symposiums/conferences/meetings can be substituted for a seminar attendance but **prior** approval must be obtained from the Course Director. To assist in developing each student's own presentation skills, the student will post (via email to mazin@uthscsa.edu) a brief comment (2-4 sentences), summarizing the strengths and weaknesses, both in presentation style and content, of each seminar they attend. These comments should be sent as a summary list of all attended seminars before the end of term.

IBMS 6090-7NS. Neuroscience.

Discipline Co-course director: David Morilak, Ph.D.

Students are required to attend a minimum of 16 **faculty** seminars per semester. Students attending preapproved Neuroscience seminars, which are offered in the Physiology or Pharmacology Departmental Seminar series, must sign in to document their attendance. The schedule of preapproved Neuroscience seminars will be generated and disseminated at least monthly throughout the semester. Students may include attendance at seminars of interest offered by disciplines other than the Neuroscience Discipline in order to meet the required 16 hours per semester. Students must notify the course co-director of IBMS 6090-7NS of their attendance at seminars other than those offered in the Physiology or Pharmacology Departmental seminar series.

IBMS 6090-8PP. Physiology & Pharmacology.

Discipline Co-course director: Jeffery Boychuk, Ph.D.

Students are required to attend a minimum of 16 **faculty** seminars per semester. Students attending the Physiology and/or Pharmacology Departmental Seminars must sign in to document their attendance. Students may include attendance at seminars of interest offered by disciplines other than the Physiology & Pharmacology Discipline. Students are asked to notify the course co-director of IBMS 6090-8PP of their attendance at seminars other than those offered in the Physiology or Pharmacology Departmental seminar series. Student sign-in sheets provided at seminar sites will be used to determine student attendance at all seminars. If students plan to attend a non-PP seminar, they will need to notify the course co-director **prior** to attendance so sign-in information can be obtained. Attendance at symposiums/meetings can be substituted for one seminar attendance but **prior** approval must be obtained from the course co-director.

Pre-requisites – None

Semester credit hours – 1.5 Credit Hours.

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

- Write a short summary about the strengths and weaknesses, both in presentation style and content, of each seminar he/she attends.
- Develop critical thinking skills in analyzing scientific data being presented.
- Develop own presentation skills.

COURSE ORGANIZATION

Materials – NA

Computer Access – NA

Reading Assignments – NA

ATTENDANCE

Students are required to attend a minimum of 16 seminars per semester.

TEXTBOOKS

Required: NA

Recommended: NA

GRADING POLICIES AND EXAMINATION PROCEDURES

No examinations.

Grading System

Grading will be Satisfactory or Unsatisfactory

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/>

The values and ethics of the GSBS and UT Health San Antonio are based upon honesty, integrity, and mutual respect between all students, staff, and faculty. These values and ethics are applied to all endeavors that are related to activities performed by all members of the GSBS community. This includes any assignments, presentations, projects, and/or exams completed in this course. All students commit to not receiving or giving any aid on the completion of their work in this course including the use of Artificial Intelligence text generators such as ChatGPT. If you are unsure how this might pertain to this course, please contact the course director before submission of any assigned work.

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). No texting, tweeting, emailing, web-surfing, gaming, or any use of electronic devices that is not directly connected with classroom activities is permitted.

A detailed class schedule: Times for seminars of each discipline are listed below:

<u>Discipline</u>	<u>Time</u>	<u>Room</u>
Biology of Aging (BA)	TBA	
Cancer Biology (CB)	TBA	
Cell Biology, Genetics & Molecular Medicine (CGM)	TBA	
Molecular Immunology and Microbiology (MIM)	Thursday 12 noon	
Molecular Biophysics & Biochemistry (MBB)	Friday 12 noon	
Neuroscience (NS)	Monday 12 noon	
Physiology & Pharmacology (PP)	TBA	

At the end of the syllabus include a detailed class schedule (see example below), which includes class dates, topic or title of lessons, reading or assignment due dates, test dates, and other important events such as holidays, etc. It is a good idea to clearly identify the class **schedule** as TENTATIVE, depending upon the progress of the class.

TENTATIVE CLASS SCHEDULE
COURSE SUBJECT and COURSE NUMBER
COURSE TITLE
SEMESTER and YEAR

WEEK	DATE	TOPIC	Assignment	Instructor and Modality
Week 1				
Week 2				
Week 3				
Week 4				
Week 5				
Week 6				
Week 7				
Week 8				
Week 9				
Week 10				
Week 11				
Week 12				
Week 13				
Week 14				
Week 15				
Week 16				
Week 17				