



*Course title Research
Course number MEID 691
 X Year round
 Other: Click or tap here to enter text. Be as specific as possible about when the course is available or NOT available. i.e. all year except December, only offered in June and November, only offered the first two weeks of each month

*Term/Course Availability

*Number of weeks Variable
 Clinical X Non-Clinical X Research
 On-line Self-Directed X Longitudinal
*Course Type (check all that apply) International Open to Non-TAM COM Students (VSAS) Other- Click or tap here to enter text.

Additional description on type of course Click or tap here to enter text

*Meeting times and location To be arranged

*Prerequisites Matriculation to medical school
 XCompletion of Pre-clerkship (or basic science) Curriculum
 Completion of the following clerkships EM, IM, FM, OB/GYN PED, PSY, RAD SURG,
 Other: Click or tap here to enter text.

*Enrollment Capacity 10

Course Description

- *Course Descriptions:
- This course can be taken by students during the last semester of Ph.D. or Masters research under the direction of a PhD advisor or MS advisor. Credit earned may be applied towards either a graduate degree (Ph.D. or M.S.) or towards the M.D. degree, but not both.
 - Academy of Physician-Scientist Burroughs Wellcome Scholars who are extending their medical school curriculum by 12 months to perform research may take this course twice, over 2 consecutive medical school terms, as a zero credit hour course.
 - Medical students wishing to engage in scholarly research through the Medical Scholar Research Pathway Program may also enroll in this course for 1 term or 2 consecutive terms.

*Indicate what a typical weekly course schedule might look like:

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	Mon	Tues	Wed	Thurs	Fri	Sat	Sun
AM							
PM							

Call Schedule (please describe): not applicable

Instructor Information

Elective Director

Name Julian Leibowitz
 Telephone number 979-436-0313
 Email address jleibowitz@tamu.edu
 Office hours 8:00-4:00, by appointment
 Office location MREBII 3.224C

Coordinators

Name Mary Imran, MD/PhD Program Coordinator
 Telephone number 979-436-0311
 Email address Imran@tamu.edu
 Office hours 8:00-5:00
 Office location MREB I 1002

Name Stacey DeLeon, MD Plus Coordinator
 Telephone number 979-436-0204
 Email address s-deleon@tamu.edu
 Office hours 8:00-5:00
 Office location MREBII 1346

Name Karol Hall, Academy of Physician Scientist Coordinator
 Telephone number 713-677-8120
 Email address kfranks@tamu.edu
 Office hours 8:00-5:00
 Office location Alkek Building 1111

Name Selina Nigli, Medical Student Research Coordinator
 Telephone number 979-436-0336
 Email address nigli@tamu.edu
 Office hours 8:00-5:00
 Office location HPEB 1034

Additional Teaching Faculty

*Learning Outcomes & Objectives

- Principles and Guidelines for Curriculum Development: <http://medicine.tamhsc.edu/policies/pdf/curriculum-principles-guidelines.pdf>
- ^Assessment Methods MUST be used from the following list: <http://medbig.org/curriculum/vocabularies.pdf>
- COM Medical Education Program Objectives (MEPO's): <http://medicine.tamhsc.edu/academic-affairs/curriculum/objectives/>

*Objective – The student will be able to:	*Taught (T) and/or Evaluated (E):	*Assessment Method: (^see link above)	Notes/ Comments/ Explanation: (This column is optional. Use as needed.)	*MEPO's
Carry out independent research and present results of said research	Evaluated	Written dissertation or thesis if MD/PhD or MD/MS student. Oral presentation of research in seminar format followed by defense if MD/PhD or		K1: Demonstrate knowledge around the prevention, diagnosis, treatment, management, cure, and palliation of medical conditions

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		MD/MS student; other MD students will present their research through either oral or poster presentations at the COM annual Medical Research Symposium.		<p>K2: Describe the anatomy, histology, pathology, pathophysiology of the human body as it pertains to the individual organ systems</p> <p>K4: Demonstrate the foundation science background necessary to promote quality patient care</p> <p>S7: Communicate effectively, orally and in writing, with patients and their families, colleagues, and other health professionals</p> <p>AB5: Strive for personal excellence in all areas of the learning and medical environment and commit to engage in life-long learning to improve patient care</p>
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***Textbook and/or Resource Material**

Materials will be determined by the specific goals and needs of each student.

***Grading Policies**

X Non-Clinical Evaluation ONLY The final course grade will be based in part on the following: attendance, professionalism and ethics, and learning objectives. These will be evaluated using the COM Clinical evaluation form.

Clinical Evaluation Pass/Fail

Please see medicine.tamhsc.edu website for approved clinical evaluation form. (see figure below)

Elective Grade

- Fail - Student fails the elective
- Pass - Student passes with some weaknesses noted
- Pass

*Comments

Grading Scale	
Satisfactory	Completion of set goals and successful defense or presentation.
Unsatisfactory	Failure to complete set goals.

***Attendance, Make-up Policies, & Remediation**

Students enrolled in this course will be required to meet weekly with their research mentor. These meetings may occur by phone or in-person. In-person meetings are required monthly. Remediation will be required if student fails the course due to lack of Medical Knowledge, Professionalism or Ethical issues. Failure will result in student retaking the course.

<http://student-rules.tamu.edu/rule07>. TAMHSC – COM student handbook states: Students who miss more than 20% of an elective for any reason (2 weekdays during a 2-week rotation or 4 weekdays for 4-week rotation) will require a remediation plan. Time for unexcused absences may have to be made-up/remediated at the discretion of the Elective Director.

Click or tap here to enter text.

Course Topics, Calendar of Activities, Major Assignment Dates

Course topics, schedules, and goals will be determined individually for each student.

To be determined in collaboration with the PhD, MS advisor or research faculty advisor.

Other Pertinent Course Information

This course is designed for MD/PhD students or MD plus students finishing their PhD or M.S. research and defending their dissertation or thesis during a medical school professional term. For students pursuing double degree programs, the purpose is to allow students to register for medical school courses during the same term that they are defending their Ph.D. dissertation or M.S. thesis to complete their clinical training. This course also serves to provide Academy of Physician-Scientist Burroughs Wellcome Scholars a means for their year of research to be recognized on their medical school transcript rather than taking a leave of absence from the College of Medicine. In addition, medical students wishing to pursue dedicated time for scholarly research for one or two semesters through the Medical Scholar Research Pathway Program are invited to register for this course. For medical students pursuing the traditional degree track this course offers research opportunity time to become more competitive for residency programs. Up to 6 credit hours can be applied to fulfilling M4 elective credits, regardless of the medical school term the course is taken.

Americans with Disabilities Act (ADA)

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact Disability Services, currently located in the Disability Services building at the Student Services at White Creek complex on west campus or call 979-845-1637. For additional information, visit <https://urc.tamu.edu/ada/>. **Any student with a disability who needs accommodation should inform the instructor at the beginning of the course.**

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COM Professionalism and integrity Statement (Academic Honesty and Plagiarism)

All College of Medicine students are required to comply with the student code of conduct and the academic integrity and honesty standards published in each component's Student Handbook. Disciplinary action will be taken in accordance with the policies of each component. Students found guilty of Academic Dishonesty will receive an "F"/Unsatisfactory in the course. For a full list of actions qualifying as academic dishonesty, please review the College of Medicine Student Handbook at <http://medicine.tamhsc.edu/student-affairs/docs/handbook.pdf>.

Academic Integrity

For additional information please visit: <http://aggiehonor.tamu.edu>

"An Aggie does not lie, cheat, or steal, or tolerate those who do."

According to the Aggie Honor System Office, plagiarism is defined as the appropriation of another person's ideas, processes, results, or words without giving appropriate credit. Intentionally, knowingly, or carelessly presenting the work of another as one's own (i.e., without crediting the author or creator). Plagiarism and other academic misconduct definitions can be viewed on the Aggie Honor System Office website; <http://aggiehonor.tamu.edu/RulesAndProcedures/HonorSystemRules.aspx#definitions>.

E-mail Access and FERPA

The College of Medicine is communicating all official information to students through the students' TAMHSC e-mail accounts. Please check the account frequently during the semester for updates.

This course is supported with web-based and/or e-mail activities. In order to take advantage of these additional resources and participate fully in the course, you have been assigned an e-mail address by the Texas A&M Health Science Center. This e-mail address is for internal use only, so that faculty may communicate with you and the entire class. By registering for this course, you are agreeing to allow your classmates to have access to this e-mail address. Should you have any questions, please contact the TAMU's Office of the Registrar at 979-845-1031.

The Family Educational Rights and Privacy Act of 1974 (FERPA), which the HSC complies fully, is intended to protect the privacy of education records, to establish the rights of students to inspect and review their education records and to provide guidelines for the correction of inaccurate or misleading data through informal and formal hearings. Students also have the right to file complaints with the Family Educational Rights and Privacy Act Office of the Department of Education in Washington, D.C., concerning alleged failures by the HSC to comply with the act.

Mistreatment of Students

The College of Medicine is committed to providing a positive learning environment in which students can meet their academic goals based on mutual respect in the teacher/learner relationship. Both parties must be sensitive to the needs of others and differences in gender, race, sexual orientation, religion, age or disability. As outlined in the Student Handbook under the section titled Standards of Conduct in the Teacher-Learner Relationship, belittlement, intimidation and humiliation are unacceptable for effective learning and undermine self-esteem. Breaches involving student mistreatment may result in a faculty or staff member being sanctioned or the loss of faculty and/or staff appointment. These policies address student mistreatment involving College of Medicine employees, residents, affiliate staff, or patients. Mistreatment may be reported through the College of Medicine telephone hotline, 1(855)-397-9835 or through an online form at <https://medicine.tamhsc.edu/about/professionalism/conduct-awareness.html#tab-panel-5>. For a full list of reporting avenues, please refer to the Student Handbook under the Mistreatment Policy.

Exposure and Occupational Hazard

The Needle Stick Policy and Bloodborne Pathogen Exposure information for Medical Students may be accessed in the Student Handbook at: <http://medicine.tamhsc.edu/student-affairs/docs/handbook.pdf>

Note: More information is available on the aforementioned topics to all students on the College of Medicine website.

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