



Medical Scholar Researcher (MSR) Application

The Medical Scholar Research Pathway Program is a voluntary scholarly medical research experience for medical students in *good academic standing* that wish to prepare for a career in Academic Medicine.

MSR Application Process

1. Compose a “presentation letter” to obtain interview with potential research mentor. Ask for coaching and advice from our Director and schedule your meeting by contacting Dr. Nigli (nigli@tamu.edu).
2. Interview with your research mentor, set timeline expectations and project goals.
3. Complete your MSR form and get feedback from your mentor. Revise your form.
4. Submit your completed MSR form to our Office 2 weeks before the start of your elective to Dr. Conover (gconover@tamu.edu, med-omsre@tamu.edu).
5. Register your research elective with your campus Navigator.
6. Begin your MSR pathway and schedule your Launch talk before the last week of your elective by contacting Dr. Nigli (nigli@tamu.edu).

As a reminder, it is the responsibility of the medical student and the research mentor to complete their evaluation forms, and schedule the scholarly **Launch talk** research presentation in a timely manner.

Table 1: Site for Medical Scholar Researcher Pathway Program

Please list the name of the appropriate institution and location of your MSR pathway.

Student Name:				Student UIN:		Class Year:	YYYY
Submission Date:	MM	DD	YYYY	Processing Date: [completed by our office]	MM	DD	YYYY
Research Area:							
TAMU HSC Campus:				Affiliated TAMHSC Site			Other Institution
Location:	City			State		Country	
Research Mentor:	Name:						
	Job Title:						
	Department:						
	Work email address:						
Mentor Comments:							
Observations							
Expectations							



Medical Student:	
Comments	
Observations	
Expectations	

Elective Credit Rules

Students must submit a MSR application form to our Office **4 weeks** prior to the start of the program. As a starting point, consider that credit hour allocation for a total of 40 hours of dedicated time corresponds to 1.00 credit hour. Students may elect to participate in short or long elective blocks during their M3 and M4 years. The Office of Medical Student Research and an Academic Affairs Academic Navigator will work with each medical student to determine the elective credit for each MSR pathway.

Research Elective

Please check which research elective you are pursuing and indicate the number of credit hours (2 minimum or up to 8 credit hours) you plan to register with your navigator.

Longitudinal scholarly research electives:

Medical Humanities

[MHUM-823.B Medical Scholarly Research](#) (Bryan)

Interdisciplinary Medical Education

[MEID 691 Research](#) (All campuses)

Elective blocks:

Neurology under interdisciplinary medical education

[IMED 954.B](#) Neurology

Medical Humanities

[MHUM-821.D Research Practicum](#) (Dallas)

[MHUM-822.D Introduction to Research](#) (Dallas)

Interdisciplinary Medical Education

[MEID-985.RE Student Initiated Elective- Research \(Any campus\)](#)



MEID-999.RE Student Initiated Elective- Research (Bryan)

[MEID 820 Case Study: Fundamental Science Mechanisms Explaining Clinical Profiles](#)

Internal Medicine

IMED-842.H Immunology Research Mechanisms of Inflammation (Houston)

Radiology

MRAD-806.T Clinical Research Design and Application (Temple)

Surgery

Surgery-864.D Minimally Invasive Surgical Research (Dallas)

Service-Learning Internal Medicine and Pharmacy Interdisciplinary Health Research

[MEID 830](#)

Note:

Other electives may be considered to formalize your clerkship research through MSRPP – medical scholar researcher pathway. Please list the elective (approved by the Texas A&M School of Medicine curriculum committee) you would like OMSRE to consider as a research elective. Below list the elective course director name, credit hours sought, scheduling format, and send the Syllabi to MED-OMSRE@tamu.edu cc'd message to Dr. Conover, gconover@tamu.edu

Elective name:

Elective number:

Elective course director name:

Elective course director email:

Syllabi (emailed to OMSRE)

Yes

No



Table 2: Research Time and Effort for MSRPP

Note that each medical student needs to track hours devoted to scholarly research and submit the completed tally to our Office by **2 weeks** after the end of the program. An addendum can be provided if needed.

	Projected Research Time	Actual Research Time
Start Date [MM,DD,YYYY]		
End Date [MM.DD,YYYY]		
Week 1 [# h / date]		
Week 2 [# h / date]		
Week 3 [# h / date]		
Week 4 [# h / date]		
Additional time and effort [# h / date]		



Table 3: Educational Goals and Objectives for MSRPP

After meeting with the principal investigator and/or research mentors, both student and mentor work together and delineate a MSE research project. This table must be filled out keeping in mind the scope of the research project fits with the time listed in Table 2.

Goals and Objectives for the Medical Scholar Researcher Program	
Short-term Teaching Goal 1 [To be filled by mentor]	
Long-term Teaching Goal 1 [To be filled by mentor]	
Short-term Learning Objective 1 [To be filled by student]	
Long-term Learning Objective 2 [To be filled by student]	
Comments	



Table 4: Research Deliverable Plans

Please check appropriate deliverable and complete requested information to be consider for admission into the MSR pathway program. In addition, identify a conference or other professional venue you project you will present your research (in the last row of Table 4).

Align your sought skills sets with your anticipated research products. What is your plan to present your MSRPP Medical Scholar Researcher research?

	Outcome (check as appropriate)	Narrative (list title if applicable)	Timeline (list estimated completion date)
Research skill 1 [Short-term]			
Research skill 2 [Long-term]			
Research report formal oral presentation [MSRPP launch talk series month, and other invited talks]			
Abstract/poster paper [Specify venue conference name and list URL, abstract deadline]			
Discuss with your mentor what are you expected to contribute to the research project to gain co-authorship in a peer-reviewed publication Specify targeted journal for your MSE research publication]			
Will you write a capstone research report?			



List the type of medical research you anticipate to contribute as a primary or co-author through your MSR research:

Clinical research design

1. Do you plan to conduct an observational study? (specify if it is a case control, cohort study, cross-sectional, descriptive study)

2. Do you plan to contribute to an experimental study? (specify if it is a randomized controlled trial)

Research product type

Review article (Single topic literature, systematic or meta-analysis)

Yes

No

Case report or series

Yes

No

Medical education studies (innovation report, research report, outcome survey analysis)

Yes

No

Other anticipated research products from your MSR project:

**Abstract for Medical Scholar Researcher**

Provide a synopsis of your planned MSR research project. Depending your project's research scope, this description needs to include a synopsis of the disease, clinical symptoms, diagnosis criteria, current treatment options. If appropriate, provide a working hypothesis, the project broader goal(s), and/or a specific description of the unmet health needs. The anticipated impact of the study on the community can also be included if appropriate. Please limit your project narrative to no more than 400 words.

**Projected Timeline for Medical Scholar Researcher Pathway Program**

Provide a flow chart or list describing the planned research activities for each week of the team MSR pathway. An addendum to this form is recommended for a longitudinal team MSR proposals. May use powerpoint, miro, canva or other apps and attach file to this application.

A large, empty rectangular box with a thin black border, intended for the applicant to provide a flow chart or list of planned research activities for each week of the team MSR pathway.



Medical Scholar Researcher Pathway Registration Signatures

To formalize your Medical Scholar Researcher Pathway Program with our Office please collect the required signatures below. Please note that the Medical Student Research Office will document and evaluate the research outcomes of each medical student research dossier.

	Printed Name	Signature
Medical Student		
Principal Investigator (PI)		
Research Mentor (if different from PI)		
Department head or residency director		
Clerkship Director (if appropriate)		
Comments		

MSR Pathway Assessment Plans

The goal of the MSR assessment survey is to improve future research experiences.

Medical student research electives will be evaluated using the School of Medicine elective forms that will be submitted to the Office of Student Affairs for inclusion in the students *Dean's letter*.

Follow-up meetings are highly encouraged with the Director of Medical Student Research, Dr. Gloria Conover (gconover@tamu.edu) with the faculty mentor and the medical student will evaluate if research expectations from each party were achieved or need improvement. Book your appointments with Dr. Nigli (nigli@tamu.edu).

At the end of the MSR pathway, the principal investigator will write a short report describing the student performance to the program Director, Dr. Conover (gconover@tamu.edu).