



Research and Preclinical Preceptorships

How I want to spend my summer....

Agenda

- Quick presentation-then meet with people you really want to talk with
- Reasons for or against doing an elective/preceptorship
- Miscellaneous issues you should know



Reasons to do a Preclinical Preceptorship

- See cool new stuff; test out a specialty
- Remember why you came here in the first place
- Satisfy requirements of a scholarly concentration
- Will improve your clinical skills and confidence
- Will contribute towards your 18 weeks of elective requirements

Reason for doing a research elective

- May be required for scholarly concentration
- To be competitive for certain specialties
- May help you meet a mentor
- “Credit in the bank” towards 18 weeks of elective requirements.





Reasons to take off and enjoy your summer

- Personal reasons like getting married, traveling, visiting family, or just relaxing
- I still need to recover from year 1!
- This is the last time in your life you will have this much time off

Issues to consider

- You can do two preclinical preceptorships, but they must be in different fields
- All must be in Texas except for Global Health.
- You MUST Register to ensure you have malpractice
(Double check your schedule on MyStar)
- See who to contact via the online description
- Besides clinical and research, there are other electives such as public health elective:
<https://www.utmb.edu/meded/electives.asp>

Issues to consider

- All electives are “pass/fail”, but if you don’t show up you will get an “F” and referred to the CAPP for counseling.
- You cannot be in an office with a relative or a coworker of a relative.
- Enrollment won’t show up in MyStar until about 2 weeks before the elective
- You may be able to get more financial aid if you do an elective or preceptorship! (check with Erica Salas):
https://www.utmb.edu/enrollmentservices/resources/financial_aid

Financial Aid

Erica Salas

Director, Student Financial Services

<https://www.utmb.edu/enrollmentservices/resources/financial-aid>

Who should absolutely do a preceptorship?

- People in scholarly concentrations
- People anticipating seeking competitive residencies such as....

Emergency Medicine

Ophthalmology

Plastic Surgery

Dermatology

Orthopedics

Radiation Oncology

- You will need to either do research or bank elective credit so you can have more flexibility as a 4th year

One more issue to consider

- Some people will have to remediate a course
- Make sure that your remediation schedule is compatible with summer plans (e.g. don't plan an 8-week research preceptorship or two 4-week preceptorships if you know you must make up a PC or an incomplete)
- You can only get credit for one course at a time

Scholarly concentrations: Purpose

To provide interested students opportunities to receive expanded learning experiences in non-specialty-based areas of emphasis while completing the 4-year Integrated Medical Curriculum.

What Scholarly Concentrations do we currently have?

- Global Health
- Rural Healthcare
- Translational Research
- Interprofessional Scholars
- Public Health
- Bilingual Health
- Geriatrics
- Physician Healer
- Community Engagement

How they work

- Activities or coursework during all 4 years
- Summer between years 1 and 2 with specialized exposure
- Associated electives
- Seminars
- Scholarly project and product required
- 5-6 months total
- Graduate with notation “Scholar in”

Nuts and Bolts, continued

- Little of the coursework is “extra” – just the focus of electives or selectives changes
- The distribution of the courses may vary from concentration to concentration
- A student may complete two tracks, but it requires a lot of effort
- Can change your mind without penalty

How/When Do I Sign Up?

- Some concentrations are best if you signed up before starting at UTMB, but they'll work with you.
- Most concentration have activities you can check out before committing
- Most concentrations are best if you sign up by summer

Scholarly Concentrations

For more details about each Scholarly Concentration, including

- Activities
- Scholarly projects
- How/when to sign up

Talk to coordinators/directors after this overview meeting that is to follow.

<https://som.utmb.edu/som-educational-affairs/about-educational-affairs/tracks-areas-of-concentration>

How should I know what to do?!?!

- Make use of <https://www.aamc.org/cim/> Careers in Medicine Self-Assessment and specialty guides
- Talk to your assigned Faculty Career Advisor
 - Email Dr. Self if you don't know who yours is
- Talk to peer mentors in your Osler Student Society
- Ask questions in the student specialty interest groups
- Book an appt with Dr. Self
- Reach out to the listed "specialty point of contact"
- Read about advice for specialty on the national organization website "student section"
- Reach out to your assigned faculty "Senior Liaison"
- Book an appt with ASCC

Preclinical & Research Preceptorship 2023 Elective Form

Please complete ALL questions if you are NOT selecting to participate in an 8-week research summer program. If wanting to participate in an eight-week summer program, then complete questions 1-4 and only pick TWO alternate choices between questions 4-10 in case the SRP research program is at capacity.

For those specialties with limited capacity, we will perform a random selection process to fill these positions.

If participating in **PHT**, **DO NOT** complete this form - contact Dr. Cara Geary (PHT@utmb.edu).

You can ONLY be enrolled and participate in one course per 4-week elective period. If participating in an 8-week research elective, you can not participate in any other elective.

Submission is due by Midnight, February 3, 2023.

For any additional questions - contact Elana Craig (elcraig@utmb.edu)

4. 8-week summer program from 4/24/23 - 6/16/23, please select from the choices below. *

Note: You will need to complete some other application

Select your answer 

5. Select your 1st preference choice for this period - 4/24/23 - 5/19/23. *

Note: If you prefer an eight-week program option as your first choice, please select that below.

Select your answer 

6. Select your 2nd preference choice for this period - 4/24/23 - 5/19/23. *

Note: Please do not select an option that was previously selected in question 5, with the exception to "None" being selected.

Select your answer 

How it works?

You will fill out the Preceptorship 2023 Elective Form and submit by midnight January 30th, 2023 by 8.00am.

You may select an 8-week whole summer research or one or two 4-week preceptorships (by 1st, 2nd, 3rd choice)

If there are multiple students interested in the same rotation, we will use a lottery to assign.

If you apply for the statewide programs (Family Medicine, Pediatrics, or OB Gyn), you will need to fill out the application for that statewide program and contact the department coordinator. Elana Craig can help you if you can't find the correct coordinator.

A couple of extra things to know!

- A. Family Medicine: students to sign up with the TAFP (Texas Academy of Family Physicians (<https://www.tafp.org/preceptorship>)). Juleah Williams jwilliams@tafp.org is the point of contact for students who register to find students preceptors. Jessica Prescott or Chris Pleasant is the Coordinator for Family Medicine to help get a list of students who sign up for this.
- B. Pediatrics: (TPS: www.txpeds.org/student-profile), Anslee Boozer (anslee.boozer@txpeds.org) or someone in their office handles this link. The coordinator to help you is Tiffany Swain.
- C. Global Health: (**Field Site Application:** <https://redcap.utmb.edu/surveys/?s=37KYM8PFNE>) with Brad Brock (ba2brock@utmb.edu) as the coordinator to help you.
- D. OB Gyn: The only student created electives allowed. Brandie Denton (bldenton@utmb.edu) is the coordinator to help you.

Each student will still need to complete a separate form with their preceptor created by enrollment services to confirm verification of enrollment.

Summer Research Program

Daniel Jupiter, PhD

Associate Dean GSBS,

Associate Professor Department of Preventive
Medicine and Population Health

<https://www.utmb.edu/gsbs/current-students/programs-and-curricula/summer-research-program-srp/welcome-to-srp>



2023 Summer Research Programs (SRP)

Agenda

- Summer Research Program overview
- Medical Student Honors Research Program overview

SRP Overview and Important Dates

- Dual Enrollment in SRP and any other Course or Elective is strictly prohibited.
- SRP provides the opportunity for students to conduct research for academic credit between medical year 1 and year 2
- Course Dates: April 24, 2023 – June 16, 2023
- SRP Application Deadline: March 27th (Stipend programs require additional applications)
- Poster Presentation: TBD
- Resource Link: [SRP 2023](#)

Course Credit

- To receive course credit, students are required to
 1. Complete required safety training
(BSL2/ABSL2/IRB Training may be required prior to beginning research)
 2. Participate in poster presentations

Selecting a Research Mentor

- Students must select their own mentors; mentors are not assigned
- Options for selecting a mentor:
 1. View list of available mentors located in the following SharePoint folder: [SRP 2023](#)
 2. Approach any faculty with a project or research subject that interests them

SRP Application Form

- Electronic application form will be available online by February 15th
- Deadline for form submission is March 27th
 - Website: <https://www.utmb.edu/gsbs/current-students/research/medical-student-summer-research-program/welcome-to-srp>
 - You can use your phone or computer to fill out

SRP Application Form

- Obtain approval of form answers from your Mentor **PRIOR** to filling out the SRP Application Form
- Ensure each answer is accurate before submission (watch out for spelling errors)
- You will only be allowed to submit the SRP Application Form once

SRP Application Form

Summer Research Program - Application Form



The Summer Research Programs offers an 8 week or 4 week, structured research environment for students between years 1 and 2. The Director provides assistance in matching students with UTMB's faculty research mentors and with UTMB's funded research programs. Scheduled meetings, laboratory participation, and a poster presentation session are the required components of this program.

To receive credit for research work a student may not be gainfully employed as a part of the work (e.g., laboratory technician), and may receive no renumeration. A student may not select a relative to serve as preceptor.

To receive academic credit you must:

1. Receive prior mentor approval before beginning work;
2. Complete all work upon which credit is requested during the dates listed; and
3. The mentor must submit a Student Research Programs Evaluation form to Enrollment Services at the end of the research period with the mentor's signature verifying completion.

Helpful Resource: <https://som.utmb.edu/medical-education/academic-calendar>

NOTE: You may only complete this Sign-Up Sheet once!

Please contact Chris Rhodes (chmrhode@utmb.edu) if there are any issues.

SRP Application Form

1. Current Year *

Please enter in the YYYY format.

Example: 2019

The value must be a number

2. First Name *

Enter your answer

3. Last Name *

Enter your answer

4. Student ID Number *

*This must be nine digits long and match your Student ID exactly.
Include preceding "000". For example, 000123456.*

The value must be a number

SRP Application Form

7. Mentor's First Name *

Enter your answer

8. Mentor's Last Name *

Enter your answer

9. Mentor's Email Address *

Please be sure there are no errors as an email is generated for approval based on this response.

You must use the Mentor's UTMB email address.

Example: someone@utmb.edu

Enter your answer

10. Is the above Faculty Mentor/Principal Investigator Email Address a UTMB email address?
(see previous question) *

Yes

No

11. Lab Training *

Please verify with your Faculty Mentor/Principal Investigator which lab training you will need - prior to selection and submission.

Note: You will not be able to work in a lab without the proper training, which must be approved by the PI.

BSL2

ABSL2

Exempt

12. UTMB Department or Field of Research *

Please choose the option that is the most closely related the Department or Field of Research

SRP Application Form

13. Provide a clear description of the research project and your specific activities. *

Minimum of 20 words, otherwise the SRP Application may be rejected.

Enter your answer

14. Type of Abstract and Poster Category *

- Basic Science
- Clinical Research
- Translational
- Educational

SRP Contacts:

- Dr. Daniel Jupiter
- dajupite@utmb.edu
- (409) 772-6616
- Chris Rhodes
- chmrhode@utmb.edu
- (409) 772-3661
- Levin Hall, Room 3.316F



Medical Student Honors Research Program (MSHRP)

Dr. Jiaren Sun
Professor and MSHRP Director
Depts Microbiology, Immunology & Pathology
jisun@utmb.edu

MSHRP - Background

- Research training for medical students that augments the regular medical school curriculum and leads to the conferment of Honors in Research in a Special Field at graduation
- Apply for entry by submitting a research proposal that has been approved by a Research Director a full time faculty member under whom the student will perform the research)
- Acceptable projects will require the equivalent of at least 2-3 months of full-time effort
- Students are strongly advised to enter the Program as early as possible, at least by the end of their 3rd year

MSHRP – Step 1 – apply

1. Research proposal: 5-10 pages, general outline and style of an NIH research grant application (specific aims, background and significance, methods)
2. Letter of support from Research Director: Faculty member must write a letter indicating willingness to supervise, availability of adequate resources to support the project, and an estimate of a reasonable time frame for completing the project
3. The student submits this letter and the faculty's CV along with the proposal to the Steering Committee in 3rd year

MSHRP – Step 2 – do the research

1. **Ad Hoc Thesis Committee and Monitoring of Progress:** Ad Hoc Thesis Committee monitors progress (3-4 members of the faculty, including Research Director, one member from Steering Committee, and 1-2 additional faculty members expert in the area of research)
2. **The responsibilities of the Ad Hoc Thesis Committee include:**
 - Monitoring the student's research activities and academic performance
 - Recommending changes or additions to the experimental work, if appropriate
 - Reading and evaluating the thesis
 - Conducting a final thesis defense and oral examination

MSHRP – Step 3 – you're done!

Successful completion of the Honors Program requires:

- Writing and oral defense of a thesis
- Follows general form of a graduate-level thesis and has qualities of originality and significance
- Should have sufficient merit to be considered for publication, in an appropriate form, in a quality, peer-reviewed journal
- 30-45 minute oral presentation (no later than April 30th prior to graduation) of the research followed by a question and answer period
- Committee will then make a recommendation to the Steering Committee of whether or not the student merits graduation with Honors in a Special Field from UTMB

ANY
QUESTIONS?
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