



**University of Cincinnati College of Medicine
Medical Student Scholars Program (MSSP) Specialty Track Application**

Specialty Track Title:

Orthopaedic Surgery MSSP

Synopsis/Background

This MSSP is designed to give highly motivated students early exposure and mentorship in the field of orthopaedic surgery. Overall, this MSSP will assist students interested in orthopaedics with career exploration, academic participation, and networking. The specific goals and objectives are outlined as follows:

1. Explore the scope of orthopaedic surgery and its subspecialties.
2. Deepen classroom knowledge through observation, clinical experience, didactics, workshops, and case discussions.
3. Contribute to the body of knowledge in orthopaedic surgery through completion of a scholarly project.
4. Foster longitudinal mentoring relationships with orthopaedic surgery faculty.
5. Mentor junior members of the MSSP
6. Foster skills of self-directed learning and time management.

MSSP Logistics:

Course Director: Tonya Dixon, MD

Coordinator: Gina Traylor

Number of students accepted per year: 2

Financial Support

Where will financial support come from? Department of Orthopedics

How much money offering for summer research : \$1000

General Description & Curricular Overview (please address each of these for each year noted below: clinical, didactic, scholarship/research, mentorship, leadership/service, anything else unique to your MSSP)

- Year 1

Minimum two activities per month averaged over a six month time period (estimated time commitment of 12-15 hours per 6 month period). Activities may consist of, but are not necessarily limited to, any of the following items:

1. OSIG meetings or activities
2. Shadowing and Clinical Experience – weekend call shift encouraged
3. Grand rounds, didactics, bone board, and or workshops
4. Community Service/Leadership
5. Meet with mentor a minimum of one time prior to end of M1 year
6. Complete Research 101 course prior to starting the summer research project

- Summer Research

M1-M2 Summer: 200 hours minimum for scholarly project with entry into M2 Fall Symposium.

1. Scholarly Project(s) (Min 30 hours/week for 8 weeks)
2. Continue Shadowing and Clinical Experience as noted above

- Students should strive to go beyond minimum requirements of presenting at UCCOM Fall Symposium. Students should discuss regional or national conferences with mentors and should also strive for a first author publication.

- Year 2

Minimum two activities per month averaged over a six month time period (estimated time commitment of 12-15 hours per 6 month period). Given that students are progressing toward meeting the total hour requirements noted in the outline above, activities may consist of any of the following items.

1. OSIG meetings or activities
2. Shadowing and Clinical Experience – weekend call shift encouraged.
3. Grand rounds, didactics, bone board, and or workshops
4. Community Service/Leadership
5. Present M1/M2 Project at Orthopaedic surgery related-conference and continued preparation for publication.
6. Meet with mentor a minimum of one time per semester

Mandatory activities:

- Meet with mentor a *minimum* of once per semester for a total of twice per academic year

- Year 3

In addition to the below, continue to work on any outstanding hour requirements not completed during preclinical years.

1. Participate in the orthopaedic surgery specialty elective (MSSP students given priority to specialty elective).
2. If able and still want to pursue Orthopaedic Surgery, participate in Orthopaedic Surgery/Trauma as specialty during general surgery rotation.
3. Meet with mentor a minimum of one time per semester

*Students encouraged, but not required, to continue research, leadership, and other endeavors to make themselves competitive applicants. Only the above two points are required for successful completion of the MSSP.

- Year 4

In addition to below, complete any outstanding requirements not completed in previous years.

1. Complete 4 week home ICE in Orthopaedic Surgery if still interested in a career in Orthopaedic Surgery, but could be completed in Radiology, PMR, EM, Anesthesiology or Plastic Surgery.
2. Meet with mentor a minimum of one time per semester

*Students encouraged, but not required, to complete additional home/away orthopaedic surgery electives, continue research, leadership, and other endeavors to make themselves competitive applicants. Only the above point are required for successful completion of the MSSP.

- Additional Requirements

-Mentorship: Students will meet once per semester with their assigned mentor. As the program grows, there will be additional goals of establishing formal near-peer mentorship relationships between more senior and more junior students.