

LSU Orthopaedic Virtual Research Rotation

Overview

Rationale	Allow medical students to participate in musculoskeletal research remotely to allow students to receive an introductory experience.
Grading	Pass/Fail
Rotation Timeline	4 weeks, offered July – November 2020
Target Participants	Visiting 4th year medical students; 2 students per block
Application	Students must apply through VSAS, no application deadline
Virtual Platform	Zoom video conferencing
Rotation Director	Jessica C. Rivera, MD, PhD

Background

This elective will allow medical students to participate in musculoskeletal research remotely to allow students to receive an introductory experience without physically being in New Orleans. The goals of the elective will be to introduce basic research design, regulatory considerations, basic statistics, and manuscript preparation using a weekly remote lecture series. The student will be expected to work with an LSU faculty member to design and develop an appropriate project that can be managed remotely via email and teleconference. Research areas can include large database studies or systematic reviews which lend themselves to remote collaboration, however, additional projects may include clinical or basic science projects depending on the needed analysis and work.

Topics

Week 1: Basic Science Topic

Week 2: Asking a Research Question and Introduction to Design

Week 3: Research Ethics (Animal and Human Subjects Research Considerations)

Week 4: How to Present and Publish