

FOURTH YEAR ELECTIVE TITLE ORTHOPAEDIC SURGERY RESEARCH		COURSE NUMBER ORSG 9115	LOCATION ORTHOPAEDIC SURGERY RESEARCH LABORATORY
ELECTIVE DIRECTOR CHARLES J. GATT, MD	ELECTIVE FACULTY CHARLES J. GATT, MD MICHAEL G. DUNN, PH.D.	ELECTIVE CONTACT MICHELLE ALLEN ORTHOPAEDIC SURGERY MEB 424 NEW BRUNSWICK	CONTACT PHONE/FAX/EMAIL PH. 732-235-7869 FAX 732-235-6002 allenmi@rwjms.rutgers.edu
BLOCKS AVAILABLE ALL	DURATION/WEEKS MIN 4; MAX	HOURS PER WEEK 40-60	STUDENTS MAX 1
LECTURES/SEMINARS NO	OUTPATIENT NO	INPATIENT YES	HOUSESTAFF YES
NIGHT CALL NO	WEEKENDS NO	LAB YES	EXAM REQUIRED NO

OVERALL EDUCATIONAL GOAL OF ELECTIVE

During this rotation, the student should learn the foundations of research design, research methods, formulation of hypotheses. In addition, the student should learn the importance of a strong scientific foundation as it applies to clinical decision-making.

OBJECTIVES

The student is to 1) play a significant role in at least one ongoing orthopaedic basic science research project. This is to include input on project design and project methodology; 2) perform an extensive literature search for at least one of the projects; 3) potential to co-author manuscript to be submitted for publication in a peer reviewed journal.

BRIEF DESCRIPTION OF ACTIVITIES

The student will spend the majority of the rotation working in the orthopaedic research laboratory. This will involve cadaveric specimen preparation, mechanical testing on the Instron machine, participating in live animal surgery and providing care for animal subjects. During this rotation, the student will have the opportunity for exposure to clinical orthopaedics when time permits. The student will be required to write a brief (2 page) report on a selected research topic.

METHOD OF EVALUATION

Upon completion of this one month elective, the student will be evaluated in a narrative form.

ARE THERE ANY PREREQUISITES FOR THIS ELECTIVE? No

IS THIS ELECTIVE AVAILABLE TO THIRD YEAR MEDICAL STUDENTS AS WELL? Yes