

# Orthopaedic/Biomedical Engineering Summer Research Internship

This position is within the biomedical engineering department within the College of Engineering and the orthopaedic surgery department within the School of Medicine at WSU. The majority of the work would be done at the Biomedical Engineering building on Main campus (corner of Warren and Anthony Wayne). It is approximately 40 hr/wk research job, and provides the opportunity to work on a wide variety of projects. Some projects are directly related to Orthopaedic Surgery, and others are in the biomedical engineering field. The other project fields include forensics, sports injury, ballistics impact, and blast injury. The position includes working with unembalmed cadaveric specimens, testing of surgical techniques, evaluation of sports equipment, and more. This person will be exposed to many pieces of equipment used in typical biomedical engineering facilities such as uniaxial test machines, load cells, high-speed cameras, accelerometers, and more.

During the course of the summer, this person will have the opportunity to work on many projects, learn about research, be exposed to numerous pieces of equipment, work with orthopaedic surgeons, and be given the opportunity to manage a small project.