

# Orthopedics Research Center

## Research:

- Joint Biomechanics
- Spinal Disorders
- Adult Reconstruction
- Sports Medicine
- Orthopedic Trauma
- Fat Embolism
- Tissue Response to Vacuum



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Neff/Wiebe Endowed Chair of  
Orthopedic Biomechanics

## Funding Sources:

Endowed Laboratory funded by the Marc A. & Elinor J. Asher Orthopedic Research Endowment. Additional funding through federal, private and commercial grants.

## Equipment:

- Surgical/anatomical dissection suite
- Fully equipped machine shop
- Computer workstations for computational modeling
- Materials testing: Miniture system, Instron 8800, MTS 858
- Messphysik videoextensometer
- Optotrak motion tracking system
- Photography, histology, tissue culture, molecular analysis
- Arthroscopy and radiology equipment
- Fluorescan fluoroscopy imaging system



Go to [www.bio.engr.ku.edu](http://www.bio.engr.ku.edu) to learn more.