

# Orthopaedic Microsurgery Laboratory



## Overview

The Orthopaedic Microsurgery laboratory is a 400 ft<sup>2</sup> laboratory devoted to demonstrating and instructing microsurgical skills to surgical residents and fellows in order to improve their surgical competency.

## Capabilities

- JHK 3-head surgical microscope with video capture and display
- 3 Zeiss stereo dissection microscopes
- 3 Applied Fiberoptics stereo dissection microscopes
- Sawbones wrist arthroscopy models
- Full complement of microsurgical instruments

## Research Projects

- Length, variation, and landmarks of Camper's chiasma
- Effects of collagenase on flexor tendon biomechanical properties

## Educational Activities

- Instruction of microsurgical techniques to residents and fellows
- Surgical demonstrations for undergraduate, graduate, and medical students



*Individual stereo dissection microscope positioned over wrist model*

## Laboratory Director

Lawrence C. Hurst, MD