ORTHOPEDIC RESEARCH SUMMER INTERNSHIP

Program Overview
Each year, the Musculoskeletal Research Center (MRC) and Center for Gait and Movement Analysis (CGMA) of Children’s Hospital Colorado (CHCO) offer summer internship positions to undergraduates or recent college graduates. Chosen applicants will participate in a 10 week clinical research internship, June 5, 2017 to August 11, 2017. A modest compensation will be provided. Summer interns will be assigned to active protocols based on background experience and faculty need.

The MRC was founded in 2006 to provide the infrastructure necessary to facilitate the research of orthopedic surgical interventions for children with musculoskeletal and neuromuscular disorders. Areas of research interests include the role of genetics in musculoskeletal disorders, sports medicine, spinal deformities, and hip pathologies. The state of the art facilities at CGMA provide accurate measurements of human movement and muscle activity that are essential to the study of complex musculoskeletal disorders and motion abnormalities. Primary areas of research include cerebral palsy and other neuromuscular pathologies that negatively affect ambulation in children and adults. Collaborative efforts between the Orthopedic Department, MRC, CGMA, and the Physical Medicine and Rehabilitation Department allow expanded access to a diverse array of research interests and patient conditions.

Description of CGMA/MRC Internship Research Activities
Interns will work with clinicians, physical therapists, kinesiologists, engineers, and researchers. Research activities include literature reviews, chart reviews, data collection, and preparation of manuscripts. Interns will present their research findings during the last week of the internship. Interns will also be offered opportunities to shadow various clinical professionals and attend relevant lectures. Qualifications expected of applicants include proficiency in writing and a general understanding of musculoskeletal anatomy and physiology. Research experience is preferred but not required.

Application and Timeline

Applications are due no later than Friday, January 13, 2017 at 11:59pm MST.

Applicants will need to submit three documents:
1. Cover letter
2. Current resume/CV (with GPA)
3. Single-spaced document describing the following:
   o One paragraph describing your interest in orthopedics, specifically this internship, and how this opportunity fits into long-term goals and plans (250 word limit)
   o Brief timeline of your future plans, including applying to professional/graduate school

Note: Any extra materials, including letters of recommendation, will NOT be considered.

Due to the competitive nature of this internship, applications with a 3.0 GPA and lower will not be considered.

Please email all application materials to MRC@ChildrensColorado.org. You will receive confirmation of your application submission. Applicants will be notified about the status of their application by the end of February.