Position for a Doctoral Student

A position for a doctoral student is available at Movement Neuroscience and Rehabilitation Laboratory at Department of Health and Exercise Science at Colorado State University.

The research focus of the MNR laboratory is to understand the mechanisms underlying impaired movement control and its influence on driving, walking, and hand function. We use force measurements, electromyography, accelerometers, transcranial magnetic stimulation, wearable sensors, driving simulators, and virtual reality in our laboratory. For recent publications Lodha et al., Frontier in Neurology, 2017, Lodha et al., Converging Clinical and Engineering Research on Neurorehabilitation II, 2016.

Qualifications

Qualified candidates must have a masters degree in kinesiology, engineering, neuroscience or any biomedical field. The ideal candidate will have expertise in at least one of these areas: a) scientific writing, or b) hardware instrumentation and software (Matlab/Labview) programming. High level of motivation and the ability to self-learn in a new environment is expected.

Admission

Qualified candidate can be admitted through the School of Biomedical Engineering or the Department of Health and Exercise science, or the Neurosciences Program. Prior to submitting the application to the graduate program, please email Dr. Neha Lodha with a) cover letter including the description of past research experience, b) a curriculum vitae, c) the names of three references, and d) expected availability date.

Neha Lodha, Ph.D.
Assistant Professor
Director, Movement Neuroscience and Rehabilitation Laboratory
College of Health and Human Services
Department of Health and Exercise Science
201-B Moby B complex, Fort Collins, Colorado 80523-1582
970-491-2772
neha.lodha@colostate.edu