Graduate Fellowships to Support Diversity/Inclusivity in Occupational Safety, Ergonomics & Injury Prevention

We are seeking underrepresented graduate applicants to join the Department of Industrial and Systems Engineering at Auburn University. We host National Institute for Occupational Safety and Health (NIOSH) supported Occupational Safety & Ergonomics (OS&E) and Occupational Injury Prevention (OIP) programs. Both programs are affiliated with the Deep South Center (DSC) for Occupational Health & Safety Education and Research Center (ERC). The DSC provides strong academic programs of study, which includes scholarships, stipends, and tuition support.

Research interests include: Motion capture in applied/industrial settings; Human performance (biomechanical/physiological) studies in evacuation applications; Advanced ergonomic modeling of the low back; Development and validation of personalized ergonomic assessment tools; Warning sign design and comprehension, etc. Projects may involve performing advanced probabilistic and statistical analyses, laboratory and field experiments, working with human subjects, and developing statistical models from collected data. Some projects involve collaboration with the School of Kinesiology, Psychology Department, and College of Engineering departments.

We are offering attractive packages for two academic years to underrepresented applicants for the fall 2021 semester. Applicants must be self-motivated and hard-working, with good written and verbal communication skills. Quantitative skills, understanding of mathematics, physics and undergraduate engineering is essential. Preference will be given to applicants with undergraduate engineering backgrounds. Review of applicants will begin on December 1st, 2020 and conclude on January 31, 2021, or upon identifying 2-3 well-qualified applicants.

Please contact Dr. Jerry Davis at davisga@auburn.edu and Dr. Mark Schall at mark-schall@auburn.edu with your resume for additional information.