



**Graduate Teaching / Research Assistantship  
Applied Neuromechanics Research Laboratory  
Department of Kinesiology, University of North Carolina at Greensboro**

Applications are invited for a graduate research / teaching assistantship for students interested in pursuing a Ph.D. in Applied Neuromechanics through the Department of Kinesiology. This funded position will assist with teaching in the Department of Kinesiology and assist with ongoing research with a primary focus on lower extremity neuromechanics and injury risk. Individuals with a background in sports medicine, kinesiology, biomechanics, motor control, or related fields are invited to apply.

The Applied Neuromechanics Research Laboratory provides research opportunities for faculty and graduate students in the masters and doctoral degree programs in Athletic Training, Applied Neuromechanics, Sports Medicine and Motor Control (<http://www.uncg.edu/kin/anrl/>). The laboratory includes state of the art instrumentation for assessment of human neuromuscular performance, as well as kinematic and kinetic analyses. These measurement tools are interfaced with a variety of custom devices for analyzing lower extremity function in response to external joint loads. Ongoing research includes the assessment of neuromuscular and biomechanical function of the knee as a function of gender, hormones, lower extremity alignment, and fatigue.

Successful candidates should have completed their masters degree in an appropriate field of study, have the clinical expertise and research interests within the breadth of the laboratory research agenda, and be highly motivated to develop their independent research, writing, and presentation skills. Candidates with 3-5 years of clinical experience are preferred. The comprehensive plan of study will also provide experiences in teaching, mentoring undergraduate research, and grant writing.

Information about the PhD concentration in Applied Neuromechanics, including the Ph.D. program of study, faculty bios, laboratory facilities, recent publications and on-going projects can be found at <http://www.uncg.edu/kin/anrl/facilities.html>. General information and admission requirements for PhD programs in the Kinesiology can be found at <http://www.uncg.edu/kin/essappl.html>. Interested candidates are also asked to forward a letter of interest, curriculum vitae and 3 letters of references (supporting the candidate's academic and research potential) directly to Dr. Sandra J. Shultz at the address below. Review of complete applications will begin February 1st.

For more information, please contact:  
Sandra J. Shultz PhD, ATC, CSCS  
Associate Professor  
Department of Kinesiology  
School of Health and Human Performance  
University of North Carolina at Greensboro  
237B HHP Bldg  
Greensboro, NC 27455  
Email: [sjshultz@uncg.edu](mailto:sjshultz@uncg.edu)