Position: Postdoctoral Research Fellow
Assignment: Full-Time
Minimum Education Level Required: Doctorate

The Neuromuscular Research Laboratory (NMRL)/Warrior Human Performance Research Laboratory (WHPRC) in the Department of Sports Medicine and Nutrition in the School of Health and Rehabilitation Sciences at the University of Pittsburgh is recruiting for a highly motivated post-doctoral position to help support funded DoD research studying the physiological mechanisms underlying musculoskeletal adaptations to military and exercise training with a particular focus on injury risk mitigation. Particular expertise is sought in either muscle, bone, endocrine biomarkers, neurobiology, and/or biomechanics and motor control. Our multi-disciplinary group has expertise in exercise physiology, neuroendocrinology, neurobiology, biomechanics and motor control, nutrition, epidemiology, systems biology and machine learning.

The NMRL/WHPRC is a state-of-the-science laboratory encompasses 11,600 square feet of space and features state-of-the-science capabilities in exercise physiology, bone adaptation and morphology (HRpQCT and DEXA), neurobiology, exercise biochemistry, proprioception, postural stability, and strength and performance assessments. The mission of the NMRL/WHPRC is mitigate musculoskeletal injuries and optimize human performance by conducting innovative, multi-disciplinary, basic and applied research providing evidence and translating scientific knowledge; enhancing clinical decisions and education. This research will lead to improved quality of life and resiliency in athletic, military and active populations. Our vision is to be internationally recognized as a premier academic research center and its faculty as thought leaders in musculoskeletal injury prevention and human performance optimization.

For more information on the University of Pittsburgh NMRL/WHPRC see http://www.nmrl.pitt.edu/. To apply, send statement of purpose, CV, 3 representative publications and names for 3 references to Bradley C. Nindl, Ph.D., FACSM, Professor and Director: bnindl@pitt.edu.