Postdoctoral scholar wanted for projects fusing Sports and Neuroscience at Duke University

The Human Performance Optimization Lab (OptiLab) in the Duke University School of Medicine is soliciting applications from qualified individuals to join the laboratory as a postdoctoral fellow or senior data scientist. We seek a motivated individual to assist and lead in all aspects of research programs investigating the visual and neurocognitive basis of human expertise as it pertains to athletes and sports. This research utilizes a diverse set of optometric, psychometric, cognitive, virtual reality, neurofeedback and neurostimulation techniques to evaluate and enhance visual/cognitive abilities.

We seek applicants with expert knowledge in vision science and sports science, especially with the statistical modeling of neural or behavioral data. Successful candidates will have a demonstrated scientific track record with past projects that cohere with some aspects of the programs described above. Desired skills for this position include knowledge in one or more of the following: human psychometrics/psychophysics, sports data analytics, statistics or computational modeling, and cognitive neuroscience. Individuals with a Ph.D., M.D. or other graduate degree in optometry, psychology, neuroscience, cognitive science, sports science, biostatistics or related fields are encouraged to apply.

Responsibilities will include data analysis, manuscript and grant preparation, and assistance with IRB compliance. Some data collection will be involved, but not extensively. This position will provide the opportunity to contribute to the development and implementation of the new Duke Sports Vision Center, a collaboration between the Urbaniak Sports Sciences Institute, Eye Center, and Department of Psychiatry at Duke. This individual will interact with a diverse team of researchers and clinicians across the School of Medicine and will have the opportunity to participate in numerous didactic, professional development, and industry collaborations.

This position comes with full benefits through the Duke University School of Medicine, and applicants will gain on-the-job training and certification. Rank and salary will be determined based on qualifications and experience. Postdoc pay will be based on current NIH scales (https://www.nhlbi.nih.gov/research/funding/general/nrsa-fund-guide). Initial appointments are for one year and renewal is based on availability of support. Review of candidates will start immediately, and will continue until the position is filled. The position will be available as soon as the search process is completed. Candidates must be located in Durham NC, or the surrounding area.

To apply for the position please send an email to Dr. Greg Appelbaum (greg@duke.edu), with a current CV, a letter of interest with the expected date of availability, and the names and contact information for at least three references. Informal inquiry is welcome via email and more information can be found at www.dukeoptilab.org