Graduate Research Assistantships in Neural Signal Processing

Virginia Commonwealth University, Richmond, VA

The Advanced Signal Processing in Engineering and Neuroscience (ASPEN) Laboratory at Virginia Commonwealth University (VCU) is seeking qualified and ambitious graduate research assistants for funded projects on **neural speech decoding** and **neurofeedback in virtual reality**. Preference will be given to Ph.D. students with prior experience in signal processing and machine learning for neural and speech signals. Proficiency in MATLAB is expected. The research assistantships offer a competitive stipend and tuition waiver.

The ASPEN Lab collaborates with the VCU Epilepsy Center, UC San Diego Epilepsy Center, and the Cognitive Systems Lab at the University of Bremen, Germany to conduct original neuroscientific studies using intracranial brain signals. The lab also maintains active collaborations with several prominent neurotechnology labs around the world. For more information on the ASPEN Lab visit: sites.google.com/vcu.edu/aspenlab/

VCU is a state-assisted, Carnegie doctoral/research institution enrolling more than 31,000 students. It has an urban campus located in Richmond, VA, with vibrant art, food, historical, and entertainment scenes.

Applicants should email a cover letter, resume, academic transcripts, GRE scores, and contact information for 3 references to:

Dean Krusienski, Ph.D.
Professor, Biomedical Engineering
Director, ASPEN Laboratory
Virginia Commonwealth University
djkrusienski@vcu.edu

Review of applications will begin immediately and continue until the positions are filled.

VCU