

**POSITION ANNOUNCEMENT:
Research Technologist in Cognitive
Neuroscience
Faculty Research Assistant**

The University of Maryland Center for Advanced Study of Language (CASL) is seeking a Faculty Research Assistant (FRA) to join the CASL research labs team. CASL research labs utilize several multimodal research technologies in a highly collaborative and interdisciplinary environment. This includes technologies such as: functional magnetic resonance imaging (fMRI); electroencephalography (EEG); eye tracking; neurofeedback (NFB); functional Near-Infrared Spectroscopy (fNIRS) and Magneto-encephalography (MEG).

Duties: The FRA will participate in designing research lab protocols utilizing lab equipment, as well as collecting, storing, processing, and analyzing multi-modal research data. Duties will also include working with research teams to develop experimental protocols, stimulus materials, study design, and testing procedures as well as providing other research technical expertise to researchers utilizing lab technologies. Additional duties will include researching and disseminating research technology resources, developing policies and procedures for use of lab technologies, and serving as the labs liaison to the IT department for coordination of specialized lab technology needs.

Qualifications: Bachelors degree required. Master's degree or higher preferred with a concentration in Cognitive Neuroscience or a related field, such as Psychology, Cognitive Science, Linguistics, Second Language Acquisition, or Neuroscience. Previous research experience, especially with one or more neuroimaging techniques, and proficiency with at least one experimental design software package (i.e. E-Prime, Direct RT, Presentation, etc.) is required. Experience with neuroimaging analysis streams (SPM, Brain Voyager, EEGlab) is strongly preferred. Programming skills utilizing Matlab, C++, JavaScript or other programming languages is a plus. Candidates must be willing to be trained to perform all requisite duties of the position and demonstrate an ability to work in a fast paced, interdisciplinary and demanding environment.

Candidates must hold U.S. citizenship and be willing to obtain the appropriate security clearance.

CASL, established in 2003, is the nation's 10th university-affiliated research center. Its mission is to conduct state-of-the-science research that results in improved performance on language tasks relevant to the work of government language professionals. Our research focuses on improving knowledge of less commonly taught languages; enhancing the acquisition and maintenance of foreign language capability by government professionals; advancing the capacity to use foreign language skills in a government professions; and improving the quality of human language technology.

Application: For earliest consideration, apply online by going to <https://jobs.umd.edu> and clicking on "Faculty." Submit a cover letter, resume or CV, and up to three (3) references and writing samples.

The University of Maryland is an affirmative action, equal opportunity employer. Women and minorities are encouraged to apply.

The University of Maryland Center for Advanced Study of Language (CASL) transcends boundaries to conduct academically rigorous research in foreign language to support national security. Our research is interdisciplinary and collaborative, bringing together people from the government, academia, and the public. Our research is both strategic and tactical, so that it not only advances areas of knowledge, but also directly serves the critical needs of the intelligence community, and ultimately the nation. Learn more at www.casl.umd.edu.