

**POSITION ANNOUNCEMENT:
fMRI of language and cognition
Assistant/Associate/Senior Research Scientist**

The University of Maryland Center for Advanced Study of Language (CASL) is seeking a research scientist with expertise in functional magnetic resonance imaging (fMRI) of language and cognition to join its Cognitive Neuroscience Team. The research scientist will be involved in basic and applied studies aimed at identifying the neural mechanisms underlying language learning, language use, problem solving or decision making in healthy adults. While the methodological focus for this position will be on the use of fMRI, other imaging modalities may be included as well. The results of the research will be applied to improve the selection, training, and job performance of government language and intelligence analysts.

Appointments to CASL are as members of the research faculty of the University of Maryland under renewable three-year contracts, with highly competitive salary (12-month) and benefits.

Qualifications: Candidates must have an earned Ph.D. in Cognitive Neuroscience or a related field, a record of individual research achievement, a strong record of publication, and the ability to establish a research program that integrates the use of fMRI in interdisciplinary projects on language and intelligence analysis. Experience with advanced MRI data analysis, such as multivariate classification of brain states, structural and functional brain connectivity analysis, and volumetric analysis, is a plus. The center is seeking individuals who will play a leading role in the strategic direction of CASL. Candidates' research and publications should demonstrate the ability to conduct complex, interdisciplinary research and to work collaboratively with a range of institutions and/or researchers.

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

CASL, established in 2003, is one of 14 university-affiliated research centers in the nation. Its mission is to conduct state-of-the-science research that results in improved performance on language and analysis tasks relevant to the work of government language professionals. Our research focuses on enhancing the acquisition and maintenance of foreign language capability by government professionals; advancing the capacity to use foreign language and analysis skills in government professions; and improving the quality of human language technology and knowledge of less commonly taught languages. CASL's multidisciplinary research staff has expertise in psychology, linguistics, second language acquisition, computer science, and cognitive neuroscience. Research facilities in cognitive neuroscience include a research-dedicated Magnetic Resonance Imaging (MRI) scanner at the Maryland Neuroimaging Center (MNC), a high-density EEG/ERP and MEG lab, and an EEG neurofeedback lab. For more information on CASL, please go to www.casl.umd.edu.

Application: For best consideration, please apply online by June 30, 2012 at <https://jobs.umd.edu> and click on "Faculty" (or direct link: <http://jobs.umd.edu/applicants/Central?quickFind=56844>). You will need to create an account and submit a letter of application, a curriculum vitae (CV), three writing samples and a list of references containing the contact information for at least three professional referees. References will later be requested from short-listed candidates. The position will remain open until a suitable candidate is selected. The University of Maryland is an affirmative action, equal opportunity employer. Women and minorities are encouraged to apply. Questions about this position should be sent by e-mail to jobquestions@casl.umd.edu.

The **University of Maryland Center for Advanced Study of Language (CASL)** conducts unprecedented, academically rigorous research in language and cognition that supports national security. Our research is interdisciplinary and collaborative, bringing together people from the government, academia, and the private sector. 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 nation. More information is available at www.casl.umd.edu.