

**POSITION ANNOUNCEMENT:  
Immediate Opening**

**Investigator  
Psycho-physics and Somato-sensory Science**

The Rehabilitation Research & Development Service of the US Department of Veterans Affairs is currently seeking a highly motivated investigator to assume a leadership role in an ongoing effort to develop, implement and test novel interventions for restoring lost somato-sensory function to individuals with limb loss or neurological disorders. The position is an integral part of a research team dedicated to developing advanced upper and lower limb prostheses that interface with the nervous system to provide sensory feedback related to the temperature, position, contact and loading to their users. In addition, the investigator will contribute to ongoing work designed to develop neural prostheses that can treat sensory loss or dysfunction of central (spinal cord injury) or peripheral (neurogenic pain) origin. The successful candidate must demonstrate documented expertise in sensory physiology and psycho-physical testing, and have extensive experience in characterizing the performance of the somato-sensory system. Prior work in sensory substitution, haptics, vibro- or electro-tactile displays and sensory feedback in virtual reality environments, along with an understanding of sensorimotor integration, is highly desirable. Candidates must know and follow good clinical practices and comply with all regulatory requirements for the protection of human research subjects. Applicants must also be comfortable with implantable technology, possess strong interpersonal and communication skills, and be an effective team member willing to work with human research volunteers. The successful candidate will be expected to secure independent funding for projects of his/her own initiative, publish research results in peer review journals, and provide research guidance to graduate students in Biomedical Engineering or related discipline at Case Western Reserve University. Candidates **must** be citizens of the United States and have a Ph.D. or equivalent degree in a relevant technical field. New graduates or

recently completed post-doctoral fellows with a minimum of 5 years of experience are encouraged to apply.

The Advanced Platform Technology (APT) Center ([website](#)) is a research consortium established in 2005 to develop restorative and therapeutic interventions designed to improve the quality of life for individuals with disabilities. Consortium members include the Louis Stokes Cleveland Department of Veterans Affairs Medical Center and Case Western Reserve University. The APT Center is located in "University Circle" within walking distance of the major cultural institutions in Cleveland including the Museum of Natural History, Museum of Art, Botanical Gardens, Case Western Reserve University/University Hospitals, and Severance Hall the home of the Cleveland Orchestra.

Individuals meeting the qualifications and interested in the position should send their curriculum vitae and three references to **Ronald J. Triolo, Ph.D.** Executive Director, Advanced Platform Technology Center at ([aptcareers@fes.case.edu](mailto:aptcareers@fes.case.edu)) for consideration. Hardcopies can be sent to

APT Center

Attn: Ronald Triolo/Recruitment

Mail Stop 151 AW/APT

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