

University of Central Florida
Faculty Cluster Lead in Prosthetic Interfaces

The University of Central Florida (UCF) is seeking to hire an associate or full professor to join the prosthetic interfaces cluster as a cluster lead in a tenured position with a target start date of Fall 2017 or earlier (<http://www.ucf.edu/research/prosthetics>). The prosthetics interfaces cluster will focus on fundamental and applied sciences in the study of biosensors and the body's response to implanted device.

This is an interdisciplinary position involving the College of Medicine and the College of Engineering and Computer Science. The ideal candidate will have a strong interest and background in any of the following areas: brain-machine interface, biomechatronics, prosthetics and its interface with tissues and organs, and tissue and whole body responses to prosthetic devices. The latter includes prosthetic sensors, actuators, and material development, tissue and whole body inflammatory responses to prosthetic devices, short and long term physiological and biochemical responses to prosthesis implants, as well as artificial organ/tissue preservation. The candidate will have a strong desire to collaborate and develop novel technologies with scientists and engineers from other disciplines at UCF.

The selected candidate for the lead position will play a key role in hiring a team additional scientists/clinicians and engineers who will work with scientists and engineers at UCF, translating bioengineering and material science into the development of biomedical prosthetic devices. These additional cluster hires are expected to be completed by Fall of 2017.

Applicants must have a Ph.D., M.D., or M.D./Ph.D. from an accredited institution in an area appropriate to the cluster. The candidate must have a high impact research program, a strong scholarly and mentorship record, and a sustained funding record. A history of working with multi-disciplinary team and evidence of leadership are strongly preferred.

Candidates must apply online at <http://www.jobswithucf.com/postings/46947>. In addition, candidates must also attach the following materials to their application: a cover letter, curriculum vitae, teaching statement, research statement, and a list of at least three professional references complete with phone number and email address.

NOTE: Please have all documents ready when applying so they can be attached at that time. Once the online submission process is finalized, the system does not allow applicants to submit additional documents at a later date. For more information about these positions please contact the Cluster Search Chair, at UCFDG_FCI_ProstheticsSearchChair@ucf.edu.

UCF strives to be the "university of choice" for academic couples. UCF has a partner hiring program with both TT/T and NTE faculty partner lines. UCF is also focused on being inclusive and diverse, with an underrepresented population of approximately 25% Hispanic and 12% African American and is committed to building a faculty that is a reflection of the students it educates.

UCF is an Equal Opportunity/Affirmative Action employer. All qualified applicants are encouraged to apply, including minorities, women, veterans and individuals with disabilities. As a Florida public university, UCF makes all application materials and selection procedures available to the public upon request.