Postdoctoral Research Associate position at University of Virginia

The W.M. Keck Center for Cellular Imaging (KCCI), Department of Biology at the University of Virginia invites applications for a post-doctoral Research Associate (Microscopy) position.

The incumbent will be developing a new optical microscopy and spectroscopy techniques to investigate cellular metabolism in cells and live animal. The Research Associate will be responsible for administrating and training the center users on various microscopy systems including wide-field, TIRF, confocal, multiphoton, two-photon in vivo imaging, FLIM, and FRET microscopy. The incumbent expected to have some experience in computer administration, two-photon in vivo animal imaging, optical instrumentation development, and software code writing. The research associate should have an interest/ability to work independently as well as collaboratively in multidisciplinary investigators involved in the KCCI. Research Associate should have experience in preparing research articles in cellular metabolism studies to publish in peer-reviewed journals and conferences.

The Keck Center for Cellular Imaging (KCCI) at UVA is an internationally known center in advanced microscopy imaging. KCCI is highly interactive with outstanding investigators across grounds including from School of Engineering, Arts & Sciences and School of Medicine; provides an excellent training and teaching for graduate and undergraduate students on various microscopy techniques. Historical strengths of KCCI is development of advanced FRET and FLIM imaging systems, techniques and data analysis which are used to train the national and international scientist’s through annual hands training workshop on FRET and FLIM microscopy.

QUALIFICATIONS: Completion of Ph.D. in Physics, Chemistry, Biophotonics, Engineering or a related discipline. Preference will be given to candidates proficient in design and development of a new optical instrumentation, two-photon in vivo imaging, software development, especially with Java, ImageJ, Python, and MATLAB, and with experience in various fluorescence microscopy-imaging systems. Candidates must have effective oral and written communication skills.

APPLICATION PROCEDURE: Apply online at https://uva.wd1.myworkdayjobs.com/en-US/UVAJobs/job/Charlottesville-VA/Research-Associate-in-Biology---Microscopy_R0019154 and attach a cover letter, curriculum vitae, and the contact information for three individuals who can provide professional reference letters.

Please note that multiple documents can be uploaded in the box.

APPLICATION DEADLINE: Review of applications will begin on October 23, 2020, and the position will remain open until filled. The University will perform background checks on all new hires prior to employment.

This is a one-year appointment that may be renewed contingent upon available funding and satisfactory performance.
For questions regarding this position, please contact Dr. Ammasi Periasamy, Center Director, at ap3t@virginia.edu.

For questions about the application process, please contact Rich Haverstrom, Faculty Search Advisor, at rkh6j@virginia.edu.

For more information on the benefits available to postdoctoral associates at UVA, visit postdoc.virginia.edu and hr.virginia.edu/benefits.

The University of Virginia, including the UVA Health System which represents the UVA Medical Center, Schools of Medicine and Nursing, UVA Physician’s Group and the Claude Moore Health Sciences Library, are fundamentally committed to the diversity of our faculty and staff. We believe diversity is excellence expressing itself through every person's perspectives and lived experiences. We are equal opportunity and affirmative action employers. All qualified applicants will receive consideration for employment without regard to age, color, disability, gender identity or expression, marital status, national or ethnic origin, political affiliation, race, religion, sex (including pregnancy), sexual orientation, veteran status, and family medical or genetic information.