

FACULTY POSITION, IMAGING SCIENTIST
University of California, Davis School of Medicine
OPEN UNTIL FILLED THROUGH 12/31/2016

The University of California, Davis, School of Medicine is actively recruiting for a faculty member to complement our institutional translational program in imaging and to build connections between imaging programs and expertise in the Department of Radiology and the California National Primate Research Center. Appointment can be at the Assistant, Associate, or Full Professor rank, depending on experience, in the Ladder Rank and In Residence series – this position is supported by a 0.5 full time equivalent (FTE). In addition, the successful candidate will be expected to have an appointment as a Core Scientist at the California National Primate Research Center.

The successful candidate will participate in research and teaching and will assist with further development of core services in collaboration with current imaging faculty and will provide state-of-the-art image acquisition and quantitative image processing methodology across the translational spectrum with a focus on studies in nonhuman primates. Teaching expectations will include participation in the teaching of medical students, residents, and fellows, and the successful candidate also will join the Biomedical Engineering Graduate Group to teach and supervise Biomedical Engineering graduate students.

Qualified candidates will possess a Ph.D. in physics, mathematics, engineering or a related field; a demonstrated track record or the intent and potential to develop an independent research career; proven track record of building multi-disciplinary collaborations; research experience in magnetic resonance imaging (MRI), molecular imaging (optical imaging, PET and/or SPECT, including kinetic modeling) and x-ray computed tomography (CT), both in the pre-clinical and translational imaging arenas; mentoring and teaching experience; and the ability to work cooperatively and collegially within a diverse environment.

Additional preferred qualifications include research experience with image reconstruction, multimodality imaging, image registration, and atlas-based image analysis, as well as evidence of research interest/experience in one or more of the following translational areas (including clinical trials) - neuroscience and neurological disorders, regenerative medicine, respiratory diseases, and/or infectious diseases. Experience with novel imaging instrumentation and methodology and understanding of relevant engineering techniques also is preferred.

The Department of Radiology and the School of Medicine have a commitment to academic career development. Protected research time and start-up research support is available subject to negotiation and availability of funds. An outstanding Radiology Physics faculty is available to assist with all technical aspects of research. The collaborative environment in imaging is especially rich and includes the Imaging Research Center (human studies), the Center for Molecular and Genomic Imaging (for small animal imaging), the California National Primate Research Center Multimodal Imaging Core (for nonhuman primate imaging), and the School of Veterinary Medicine (for companion and large animal imaging). The Center for Molecular and Genomic Imaging has a cyclotron and radiochemistry facility and there are two cyclotrons with GMP-grade radiochemistry facilities on the Sacramento Medical Center campus.

Qualified applicants are requested to upload a cover letter outlining research, educational, and administrative experience, statement of contributions to diversity, curriculum vitae with bibliography, and the names and contact information of at least five to eight professional references online at <https://recruit.ucdavis.edu/apply/JPF01147>. For full consideration, applications must be received by August 31, 2016. However, the position will remain open until filled through December 31, 2016.

The University of California, Davis is an affirmative action/equal opportunity employer with a strong institutional commitment to the achievement of diversity among its faculty, staff, and students.