Opportunity Details - Faculty Opportunities

Department
Radiology

Division
Radiological Sciences

Rank
Commensurate w/Experience

Title
Computational Imaging and Informatics Faculty Positions

Position Description
The Mallinckrodt Institute of Radiology (MIR) at the Washington University School of Medicine (WUSM) in St Louis invites applications from outstanding Ph.D., D.Sc. and/or M.D. candidates for multiple tenure-track faculty positions at all levels to lead the development of new programs in Computational Imaging and Informatics.

MIR is an international leader in future-driven education and groundbreaking research. MIR is deeply committed to distinction in teaching and learning and excellence in research, being consistently ranked one of the top Diagnostic Radiology Departments for NIH funding. It has a highly productive, extensive and collaborative research program based on modern scientific disciplines. Faculty and students of MIR have access to world-class research support facilities including Center for High Performance Computing, Shared Data Storage, Central Neuroimaging Data Archive, Neuroimaging Informatics Analysis Center, Center for Clinical Imaging Research, Cyclotron Facility, MRI Facility and Pre-Clinical Imaging Facility. Pursuing highly interdisciplinary research, MIR offers unparalleled opportunities for collaborative research within the Department, with other WUSM departments, the Siteman Cancer Center, the Charles F. And Joanne Knight Alzheimer Disease Center, the Institute for Informatics, the McDonnell Genome Institute, the Institute for Clinical and Translational Research, and the School of Engineering & Applied Science on the Danforth Campus of Washington University in St. Louis. Additional details about MIR and its research environment can be found at https://www.mir.wustl.edu/research.

Washington University provides faculty with generous benefits that include health, life and disability coverage, retirement and tuition assistance. In addition to these competitive benefits, the university offers a variety of time off and quality-of-life programs.

We are a diverse group and wholly encourage diversity to reflect the rich community in which we live and serve. We are committed to promoting an environment that is inclusive and welcoming to all individuals. All qualified applicants will receive consideration for employment without regard to race, color, age, religion, sex, sexual orientation, gender identity or expression, national origin, veteran status, disability or genetic information.
Basic Qualifications

For each position, rank and tenure status will be commensurate with experience. It is expected that the applicants will have a strong track record of publications and success in external funding through grants and contracts. The successful candidate will be expected to develop and maintain a multi-disciplinary, rigorous and extramurally funded research program interfacing with the MIR’s research labs, translational imaging facilities and WUSM. The scope of this program includes, but is not limited to, computational imaging, quantitative image analysis, big data analytics, artificial intelligence, machine learning for diagnosis, prognosis and therapeutics, and imaging informatics. We invite applicants in all areas, but added attention will be given to those whose strength lies in image reconstruction, imaging genomics/multiomics, deep learning, applications beyond brain (e.g., cardiac, body/musculoskeletal, lung and oncology) and have a strong translational focus.

Additional Qualifications

Special Instructions

Reviews of applications will begin November 1, 2019. For academic or research related inquiries about the positions, please contact Dr. Daniel S. Marcus, Director, Computational Imaging Laboratories, at dmarcus@wustl.edu. For administrate questions, please contact Ms. Kim Whitling, at whitlingk@wustl.edu. In order to ensure full consideration, applications must be received by January 31, 2020. Interviews may take place and offers may be made before the closing date, but all applications received by the closing date will receive full consideration for an open position. The selection process is ongoing and will continue until all positions are filled.

Mallinckrodt Institute of Radiology website: https://www.mir.wustl.edu

Interested candidates should apply through this website and include (1) a cover letter in PDF format addressed to Dr. Richard L. Wahl, Elizabeth E. Mallinckrodt Professor and Head of Radiology; (2) a curriculum vitae; (3) a statement of research plans (approximately 2-3 pages); (4) a list of at least 3 references with telephone numbers and email addresses (references provided by senior applicants will not be contacted until the applicant has given
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An Equal Opportunity Affirmative Action Employer

Washington University seeks an exceptionally qualified and diverse faculty; women, minorities, protected veterans and candidates with disabilities are strongly encouraged to apply.

Contact Name
Daniel S. Marcus

Contact Email
dmarcus@wustl.edu

Posting Date
8/26/2019

End Date
No end date

EEO Statement
Washington University in St. Louis is committed to the principles and practices of equal
employment opportunity and affirmative action. It is the university’s policy to recruit, hire, train, and promote persons in all job titles without regard to race, color, age, religion, gender, sexual orientation, gender identity or expression, national origin, veteran status, disability, or genetic information.