Faculty Position in Neuro MRI

The School of Engineering and Applied Science at the University of Virginia (UVA) seeks candidates for a tenure-track or tenured faculty position in Neuro MRI at the rank of Assistant, Associate or Full Professor as part of the Neuroscience Grand Challenge Research Initiative (https://shar.es/aftuWR). This position is part of a cluster hire, supported by the Provost’s Office, with the goal of establishing UVA as a leader in research at the interface of Electrical & Computer Engineering, Neuroimmunology, and Focused Ultrasound. The School is seeking candidates with expertise in MR physics, analysis, and engineering with an emphasis on neuroimaging. Example research areas include, but are not limited to, novel pulse sequences, data sampling and image reconstruction, MRI analysis, quantitative imaging, focused ultrasound guidance and characterization, perfusion imaging, diffusion imaging, and functional MRI.

UVA has significant expertise in MRI physics, and UVA faculty have invented widely used MRI methods such as MP RAGE and SPACE. UVA has substantial equipment available for imaging research, including two research human MRI scanners, a small animal MRI scanner, a cyclotron, human PET/CT scanner, and a trimodal animal scanner. There is also research time available on clinical scanners and on clinical and preclinical MR-guided focused ultrasound systems. There are numerous opportunities to develop advanced MRI techniques for neuroimmunology research and therapy, as well as opportunities to collaborate with researchers in Electrical & Computer Engineering, Biomedical Engineering, Computer Science, Data Science, Radiology, Neuroscience, Neurology, Neurosurgery, and Psychology.

Candidates must have a Ph.D. in engineering or science by the time of appointment. Candidates must have a record of excellence in research, as appropriate for the candidate’s rank, and a commitment to teaching excellence. Appointment with tenure requires documented excellence in research and teaching, and an emerging national reputation. The candidate should have a research focus in MRI physics and engineering applied to neuroimaging. The primary and, if appropriate, secondary department appointments for these positions will be determined by the candidate’s areas of expertise. Preference will be given to candidates who are collaborative in nature and would complement or expand the school's current strengths in medical imaging, image analysis, data science, neuroimmunology, and focused ultrasound.

To apply, visit https://uva wd1.myworkdayjobs.com/en-US/UVAJobs/job/Charlottesville-VA/Open-Rank-Faculty-Position-in-Neuro-MRI_R0040093 and attach the following required applicant documents:

- Cover Letter with contact information for three references
- Curriculum Vitae
- Research Statement
- Teaching Statement
- Statement of demonstrated commitment or contributions to inclusive practices that create climates in which all stakeholders can achieve their maximum potential

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

Review of applications will begin October 8, 2022 and will continue until the position is filled.

For questions about the position, please contact Prof. Craig Meyer via email at cmeyer@virginia.edu.

For questions about the application process, please contact Rich Haverstrom, Faculty Search Advisor, at rkh6j@virginia.edu.
Senior graduate students are eligible and encouraged to consider the UVA Engineering Rising Scholars program. This program is designed to encourage early-career scholars to pursue a career in academia by supporting their postdoctoral work before beginning in a tenure-track position at the University of Virginia. Detailed information and application instructions are available at https://uva.wd1.myworkdayjobs.com/en-US/UVAJobs/job/Charlottesville-VA/UVA-Engineering-Rising-Scholars-Postdoc-to-Faculty-Program_R0039988.

The University of Virginia is annually ranked as one of the premier public institutions in the United States and is located in Charlottesville, a picturesque and vibrant small city perennially ranked as one of the best places to live in the U.S. More information about the town, the school, faculty benefits, and other topics can be found at https://hr.virginia.edu/careers-uva/why-uva.

UVA assists faculty spouses and partners seeking employment in the Charlottesville area. To learn more, please visit https://dualcareer.virginia.edu/.

With one of the highest graduation rates of undergraduate students from underrepresented groups and one of the highest percentages of women engineering students among public universities, the School and the University of Virginia are fundamentally committed to increasing the diversity of its faculty and staff.

**COVID Vaccination Requirement and Guidelines**
Please visit the UVA COVID-19 Job Requirements and Guidelines webpage prior to applying for current information regarding vaccination requirements and guidelines for employment at UVA.

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.