

Senior Scientist Position Available: UVA Focused Ultrasound Cancer Immunotherapy Center

Position Overview:

The Department of Biomedical Engineering at the University of Virginia (UVA) within the School of Engineering and Applied Science seeks applications for a Senior Scientist to support research activities amongst several stakeholder laboratories within the recently formed UVA Focused Ultrasound Cancer Immunotherapy Center (FUS C/I Center). Research in the FUS C/I Center is aimed at developing and implementing focused ultrasound approaches for enhancing anti-cancer immunity. The successful candidate will be responsible for developing and implementing pre-clinical therapeutic protocols combining focused ultrasound application to tumors with immunotherapy. Cancer applications of interest include breast cancer, melanoma, and brain tumors.

Responsibilities:

The successful candidate will work in close collaboration with other stakeholder groups in the FUS C/I center to recommend, design, and implement focused ultrasound approaches for triggering anti-tumor immunity. The candidate will intellectually engage with the UVA FUS C/I community to foster new research directions, improve the quality of existing research, and lead preclinical focused-ultrasound investigations. Interested candidates will be encouraged to seek permission to pursue extramural funding to perform independently developed research projects.

Qualifications, Contact Information, and Job Posting:

Candidates must hold a PhD in a STEM field. A PhD in an engineering discipline is preferred. Focused ultrasound and Matlab experience are required. Some postdoctoral research experience and familiarity with ultrasound imaging is preferred. Interested candidates are encouraged to directly contact Dr. Richard Price (rprice@virginia.edu) with inquiries. Apply online at <https://uva.wd1.myworkdayjobs.com/UVAJobs>. The job requisition number is R0033916. The following must be provided: CV, Cover letter, and List of 3 referees. Upload all materials into the resume submission field, multiple documents can be submitted into this one field. Alternatively, merge all documents into one PDF for submission. Applications that do not contain all required documents will not receive full consideration. Internal applicants must apply through their UVA Workday profile by searching 'Find Jobs'.