

Postdoctoral Fellowships Available: UVA Focused Ultrasound Cancer Immunotherapy Center

Position Overview:

The Focused Ultrasound Cancer Immunotherapy Center (FUS C/I Center) at the University of Virginia seeks applications for a Research Associate/Postdoctoral Fellow to receive advanced training from stakeholder laboratories [Drs. Richard Price (rprice@virginia.edu), Natasha Sheybani (sheybani@virginia.edu), and Timothy Bullock (tb5v@virginia.edu)] in the Schools of Engineering & Applied Sciences and Medicine. Research in the FUS C/I Center is aimed at developing and implementing focused ultrasound approaches for enhancing anti-cancer immunity. Cancer applications of primary interest include both extracranial and intracranial disease, particularly breast cancer, melanoma, primary brain tumors and brain metastases.

Training Opportunities:

The successful candidate will receive training via intellectual engagement in research projects at the nexus of focused ultrasound physics, cancer immunology, drug and gene delivery, and molecular imaging. Exciting opportunities exist to intersect pre-clinical research with our novel clinical trials combining focused ultrasound with immunotherapies. Exceptional candidates will have the opportunity to develop research projects and directions that best support their training goals. Training in high dimensional flow cytometry, advanced spatial immune profiling and integration with single cell analysis exist. Projects may leverage training in molecular imaging, including PET and molecularly-targeted microbubbles for contrast ultrasound imaging.

Qualifications, Contact Information, and Job Posting:

Candidates must hold a PhD in a STEM field. Interested candidates are encouraged to directly contact Drs. Price, Sheybani, and/or Bullock with inquiries about the position. Apply online at <https://uva.wd1.myworkdayjobs.com/UVAJobs>. The job requisition number is R0033864. 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'.