Imaging Research Scientist Position in Molecular Imaging and MR spectroscopy at St. Jude Children’s Research Hospital

St. Jude Children’s Research Hospital is committed to the education and training of the next generation of research scientists. St. Jude trainees are able to learn from clinical and basic science investigators who work in close proximity and interact regularly to translate scientific discoveries into improved therapies for children. If you are a highly motivated individual who wants to work at a world-class institution with state-of-the-art facilities and learn from investigators at the forefront of their fields, consider advancing your research training at St. Jude.

The Department of Diagnostic Imaging, St. Jude Children’s Research Hospital, seeks highly motivated candidates for an Imaging Research Scientist in molecular MRI and MR spectroscopy. The ideal candidate should have a Ph.D. in Physics, Chemistry, Biology, Computer Science, Neuroscience, or a related field. Prior experience in MR imaging (MRI/MRS acquisition and/or data analysis) is preferred. Strong proficiency in various neuroimaging analysis platforms, FreeSurfer, FSL. Strong proficiency in programming languages such as MATLAB, python, etc. is preferred.

The Department of Diagnostic Imaging provides a comprehensive array of qualitative and quantitative imaging assessment and techniques to St. Jude patients: MRI (3T Siemens and Phillips), fMRI, PET/CT, Image-guided Therapies and Procedures, Scintigraphy and SPECT/CT, DEXA and Quantitative CT for Bone Density, Post-processing Vision Laboratory. Further, the Center for In Vivo Imaging and Therapeutics (CIVIT) is an St. Jude Comprehensive Cancer Center (SJCCC) managed Shared Resource with the overarching goal of providing cutting-edge imaging and image-guided therapy technologies to advance preclinical cancer modeling research.

Generous salary support and a benefits package that includes professional development funds for journal subscriptions and travel to meetings are available. St. Jude Children's Research Hospital has state-of-the-art facilities including core laboratories for proteomics, microarray analysis of gene expression, transgenic/knock-out technology and animal facilities from biosafety level 2 to enhanced biosafety level 3.

Individuals interested in applying should submit the following to Puneet Bagga at Puneet.Bagga@stjude.org:

1. Most recent CV
2. A two-page research statement including candidate’s reasons for pursuing research in molecular MRI/MRS
3. Three letters of recommendation

St. Jude Children’s Research Hospital is an Equal Opportunity Employer. St. Jude does not discriminate on the basis of race, national origin, sex, genetic information, age, religion, disability, sexual orientation, gender identity, transgender status, veteran’s status or disabled veteran’s status with respect to employment opportunities. All qualified applicants will be considered for employment. St. Jude engages in affirmative action to increase employment opportunities for minorities, women, veterans and individuals with disabilities.