Postdoctoral Fellowship in advanced multi-parametric imaging in Parkinson’s disease and Alzheimer’s disease

A postdoctoral fellowship position is available at Barrow Neurological Institute (BNI) working with Drs. Ashley Stokes and Ryan Walsh as part of a collaborative effort between the Division of Neuro-Imaging Research, Department of Neurology, and Muhammad Ali Parkinson Center. The position will primarily focus on the development, application, and analysis of advanced MRI methods capable of improving our understanding of the complex pathological cascades involved in both Parkinson’s disease and Alzheimer’s disease, as well as dementia with Lewy bodies. These methods include advanced perfusion, diffusion, structural, and functional imaging methods. This position is already fully funded via philanthropic efforts at Barrow Neurological Institute.

BNI is the world’s largest neurological disease treatment and research institution, and the Muhammad Ali Parkinson Center at BNI is a recognized leader in the field. Outstanding instrumental resources, including clinical 1.5T and 3T Philips, a research-dedicated Philips 3T, a 7T preclinical Bruker MRI, microCT, microPET, and optical imaging scanners are available at BNI. The Division of Neuro-Imaging Research has a strong history of imaging excellence and is currently expanding. BNI is a major hub for neuroscience research and a wide range of neurology subspecialties. Barrow Neurological Foundation provides robust philanthropic support exceeding $18M per annum, 100% of which benefits patient care, research and education at BNI.

Applicants should have a PhD in physics, engineering, or a related discipline. Competitive candidates will have experience with advanced image acquisition and/or multi-parametric image analysis. This position is available immediately and offers competitive compensation and benefits.

Phoenix is the 6th largest metropolitan in the United States and the 2nd fastest growing city. Phoenix is a beautiful place to live and work, boasting more days of sunshine and a lower cost of living than most comparable cities. A rich culture, including theatre, concerts, museums, sports, and great food, are easily found in Phoenix. With a moderate climate most of the year, many Phoenicians enjoy an active lifestyle of hiking, cycling, rock climbing, swimming, and golf.

Positions are available immediately to join our team. Interested applicants should send a current CV, including the names of three references, to:

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