Pre-clinical Research Engineer  
Department of Neuroimaging Research, Barrow Neurological Institute

The BNI-ASU Center for Preclinical Imaging is now inviting applications for the position of Research Engineer. The center is a joint effort between Barrow Neurological Institute and Arizona State University and is located at St. Joseph’s Hospital and Medical Center in Phoenix. The center houses a Bruker 7T Biospec scanner, an Albira microPET, a Skyscan microCT, a Xenogen IVIS Spectrum optical imager, 2 large procedure rooms, holding rooms, and computer facilities. The center is a resource for a variety of research institutions in the Phoenix area.

**Position:** The engineer would be available to perform scanning for end users and help them organize and retrieve data. In addition, if his/her time allows the engineer could also work on developing or optimizing routine scan protocols and/or building or modifying coils, along with some data processing, however the primary role for this position would be performing routine scanning for scientists who make use of the facility.

The applicant must have a degree in a related field (MS or PhD preferred). Experience in small animal MRI, PET, CT, and in operation and MR pulse sequence programming on a Bruker console are highly desired.

**Phoenix** is a young, vibrant, and diverse city with more days of sunshine than any other major city. It has seasonal temperatures, with a hot but dry summer and beautiful fall, winter, and spring. It is the 6th largest city in the US, with many things to see and do, and an affordable cost of living. Phoenix is permeated by many small mountains with large city parks and many easily accessible trails for hiking, biking, and running. Driving from Phoenix, one can reach the Grand Canyon in 3.5 hours, the beautiful red-rock country of Sedona or the pine forests (and ski resort) of Flagstaff in 2 hours, or San Diego and the Pacific Ocean in 5 hours.

Interested candidates should e-mail a resume and list of references to:
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