Translational Imaging Shared Resource
Clinical and Translational Science Institute

Small Animal MRI Scientist

Job Responsibilities
Key Responsibilities Include (but are not limited to):
• Establish experimental protocols customized and optimized for a variety of research projects, in consultation with research labs and end-users;
• Routine operation and management of the 7T Bruker small animal MRI facility;
• Maintain the advanced imaging equipment and ensure proper function of the imaging equipment;
• Ensure proper training of the users and monitor usage of all highly specialized equipment in facilities;
• Perform basic post-processing of data for preliminary findings and has the ability to present images;

Preferred Education/Experience:
• Master’s degree in Biomedical engineering, Biophysics or a related discipline;
• Minimum 5 years of experience with small animal MRI system (direct experience with Bruker system preferred);
• Track record of biological and scientific imaging;
• Extensive experience with design, development, and implementation of novel pulse sequences on high-field small animal MRI scanners (experience in the Paravision programming preferred);
• Experience with implementing, improving and using novel sophisticated image processing and image analysis programs;
• Excellent communication skills, both written and verbal, to present ideas, problems, solutions and instructions clearly and concisely;
• Knowledge of the instrumentation when used within the biological field;
• Proven management abilities and strong interpersonal skills in effectively dealing with different people and groups.

A candidate should be eligible to work in US without sponsorship from Wake Forest School of Medicine.

For any inquiries, please contact Dr. Youngkyoo Jung at yojung@wakehealth.edu

To apply: www.wakehealth.edu/jobsearch/ and click ‘Nursing and Staff Jobs’.
Job opening ID: 28134
EOE/AA: Minorities/Females/Disabled/Vets