



DEPARTMENT OF RADIOLOGY AND IMAGING SCIENCES

INDIANA UNIVERSITY
School of Medicine



STARK NEUROSCIENCES RESEARCH INSTITUTE

INDIANA UNIVERSITY
School of Medicine



Laboratory Research Specialist

This position will be under the Department of Radiology & Imaging Sciences and Stark Neuroscience Research Institute (SNRI) at the Indiana University School of Medicine (IUSM). The Research Specialist will perform pre-clinical imaging research in collaboration with investigators of all disciplines. Prepare and maintain animal care and use protocols, manage study logistics including animal transportation and general laboratory maintenance, operate and maintain equipment used for anesthesia, operate, and maintain equipment used to collect physiologic data, operate imaging systems and process collected image data, monitor animals during recovery from anesthesia, and prepare associated documentation. It would be a plus, but not required, if candidates can gain vascular access and perform injections of radiotracers and imaging contrast agents, collect blood and tissue samples as specified in research protocols.

Qualification:

We are looking for applicants who are interested in MRI neuroimaging and PET molecular imaging, and who are willing to learn new techniques outside the imaging field (i.e., PMOD, IHC, tissue harvesting, tissue slicing).

EDUCATION

Required

- Bachelor's degree in a science related field

Preferred

- Master's degree in a science related field

WORK EXPERIENCE

Required

- 3 years of laboratory research experience
- Willingness to work with small animals
- Flexibility in working hours, including early morning and/or late evening

Combinations of related education and experience may be considered.

Preferred

- 1+ year small animal handling experience

SKILLS

- Proficient communication skills
- Maintains a high degree of professionalism
- Demonstrated time management and priority setting skills
- Demonstrates a high commitment to quality
- Possesses flexibility to work in a fast paced, dynamic environment
- Seeks to acquire knowledge in area of specialty
- Highly thorough and dependable
- Demonstrates a high level of accuracy, even under pressure



DEPARTMENT OF RADIOLOGY AND IMAGING SCIENCES

INDIANA UNIVERSITY
School of Medicine



STARK NEUROSCIENCES RESEARCH INSTITUTE

INDIANA UNIVERSITY
School of Medicine



About us:

The In-Vivo Imaging Core houses high-end research-dedicated scanners. These scanners include a Siemens 3T Prisma scanner with 32CH and 64CH receiver head coils, Siemens Vision PET-CT systems, and Bruker 9.4T PET-MRI preclinical scanner. Our research group focuses on developing novel imaging and analytical techniques such as volumetric MRI, resting-state and task functional MRI, QSM, perfusion MRI, and PET). Our clinical focus is (but not limited to) in Alzheimer's disease, mild traumatic brain injury, sport-related concussion, and other neurodegenerative diseases. Other applications include substance abuse and addiction research, mood disorder research, and pediatric/neonate studies. In 2023, IUSM ranks 14th among public medical schools and 27th in NIH funding nationally.

How to apply:

Please prepare a cover letter, resume, and contact information of three references. Please apply via this link

https://hrms.indiana.edu/psc/PH1PRD_PUB/EMPLOYEE/HRMS/c/HRS_HRAM_FL.HRS_CG_SEARCH_FL.GBL?Page=HRS_APP_SCHJOB_FL&Action=U, job ID: 308777. If you have any questions, please feel free to contact Miss Carla Ewing (carewing@iupui.edu) and Erin Jarvis (eearnold@indiana.edu). The position and review process will be open until filled.

Indiana University is an Affirmative Action and Equal Employment Opportunity (AA/EEO) employer, M/F/D.