The Silva Lab in the Department of Neurobiology at the University of Pittsburgh has an opening for an MRI/PET scientist with expertise in preclinical imaging. The successful candidate will have responsibilities to plan and carry out a broad range of sophisticated in vivo neuroimaging experiments. Demonstrated knowledge and application of imaging techniques such as functional MRI, anatomical imaging/volumetric analysis, in vivo spectroscopy, diffusion tensor imaging, perfusion/diffusion imaging, PET, or CT is a must. Skills in animal handling and minor surgical procedures are highly desired. This position requires knowledge and ability to perform equipment maintenance, such as routine quality assurance of the scanners and upkeep of supporting apparatus. The individual will also be required to maintain laboratory compliance and regulations pertinent to the use of animals and environmental health and safety. Must have experience working with animals. Experience with nonhuman primates or rodents is preferred but not required. The incumbent must be detail-oriented and have excellent communication skills. They will interact with various faculty, research staff, and students to provide imaging services. Data analysis and assistance with preparing manuscripts, grants, and research protocols will be integral to the position. A PhD-level degree is required. Experience with Bruker platforms (ParaVision 360) is an advantage. Extensive experience may substitute advanced degree. Vaccinations and regular TB testing will be required.

Extensive experience may substitute advanced degree. Experience with MRI or PET/CT hardware and software, including pulse sequence programming, equipment maintenance, and troubleshooting, is required. Experience operating Bruker instrumentation is preferred. Experience with various animal models and compatible physiological monitoring equipment used in research, with small NHP experience preferred. The University of Pittsburgh is an Affirmative Action/Equal Opportunity Employer and values equality of opportunity, human dignity, and diversity. EOE, including disability/vets. The University of Pittsburgh requires all Pitt constituents (employees and students) on all campuses to be vaccinated against COVID-19 or have an approved exemption. Visit coronavirus.pitt.edu to learn more about this requirement.

Please apply to requisition #22005826 using the following link:
https://cfopitt.taleo.net/careersection/pitt_staff_external/jobdetail.ftl?job=22005826