UVA Core Facilities in the School of Medicine is seeking a Preclinical MRI Technologist who will be responsible for carrying out rodent imaging studies for biomedical research using preclinical MRI, PET, SPECT, and CT. Primary job duties include animal and radiotracer handling, operation and maintenance of scanners and other equipment under the core director’s guidance, and routine tasks for imaging lab upkeep. The successful candidate is expected to rigorously follow all guidelines and regulations regarding animal research and radiation safety, and be very organized, detail-orientated, and motivated to learn new skills in a small animal imaging setting.

Job responsibilities include:

- Run imaging experiments for users on the Bruker BioSpin 9.4T MRI scanner, and backup imaging services on a Bruker Albira Si PET/SPECT/CT scanner.
- Prepare small animals for imaging including but not limited to anesthetization of animals, insertion of tail vein catheter, placement of ECG leads, measurement of radioactivity levels and determination of volume needed for dosing the animal, injection of contrast agent or radiotracer, placement of the animal in the scanner, and running the scanner.
- Maintain compliance and training for handling animals and radioactivity.

The University of Virginia is an iconic public institution of higher education, boasting nationally ranked schools and programs, diverse and distinguished faculty, a major academic medical center, and proud history as a renowned research university.

In January of 1819, the Commonwealth of Virginia’s General Assembly chartered what would become the University of Virginia. Entering our third century, the University has served Virginia, the nation, and the world by: educating responsible citizen-leaders;
- Maintain scheduling the scanner and billing for user time through iLab software.
- Maintain the laboratory, keep the area clean, and maintain necessary supplies.
- Backup of image data sets and transfer of image sets to users.
- Run and document routine QC scans to ensure the scanner is functioning properly.
- Retrieve and return small animals to the vivarium.
- Analyze image with the available imaging software including PMOD and inviCRO VivoQuant analysis software, conversion of image data from one format to another using pre-written software, entering data into spreadsheets, performing statistical analyses.
- In addition to the above job responsibilities, other duties may be assigned.

MINIMUM REQUIREMENTS
Education: Bachelor’s degree
Experience: At least 3 years’ of imaging experience required
Licensure: Registered Radiologic Technologist through the American Registry of Radiologic Technologists (ARRT R.T.) preferred but not required.

PHYSICAL DEMANDS
Job requires standing for prolonged periods, frequently bending/stooping, reaching (overhead, extensive, and repetitive); Repetitive motion: computer keyboard. Proficient communicative, auditory and visual skills; Attention to detail and ability to write legibly; Ability to lift/push/pull 50 - 100lbs. May be exposed to, cold, dust, noise, radiation, blood/body fluids and infectious disease.

This is a restricted position; continuation is dependent on funding and satisfactory performance.

Priority review of applications will begin June 19, 2022, but the position will remain open until filled.

TO APPLY:
Complete an application online and attach:
1. Cover letter to include your interest, knowledge, skills, abilities, or experience related to the position
2. Resume or CV

PROCESS FOR INTERNAL UVA APPLICANTS: Please apply through your Workday Home page, search “Find Jobs”, and search for R0036573.
PROCESS FOR EXTERNAL APPLICANTS: Please visit UVA job board: [https://uva.wd1.myworkdayjobs.com/UVAJobs](https://uva.wd1.myworkdayjobs.com/UVAJobs) and search for R0036573.

***Please note that you MUST upload ALL documents into the CV/Resume box. Applications that do not contain all of the required documents will not receive full consideration. ***

For questions about the application process, please contact Michelle Williams, Senior Academic Recruiter, [mew8js@virginia.edu](mailto:mew8js@virginia.edu).

The selected candidate will be required to complete a background check and health screening per University Policy.

**COVID Vaccination Requirement and Guidelines**

Please visit the [UVA COVID-19 Job Requirements and Guidelines](https://uva.careers/vaccination-guidelines) webpage prior to applying for current information regarding vaccination requirements and guidelines for employment at UVA.

*The University of Virginia, including the UVA Health System which represents the UVA Medical Center, Schools of Medicine and Nursing, UVA Physician's Group and the Claude Moore Health Sciences Library, are fundamentally committed to the diversity of our faculty and staff. We believe diversity is excellence expressing itself through every person's perspectives and lived experiences. We are equal opportunity and affirmative action employers. All qualified applicants will receive consideration for employment without regard to age, color, disability, gender identity or expression, marital status, national or ethnic origin, political affiliation, race, religion, sex (including pregnancy), sexual orientation, veteran status, and family medical or genetic information.*

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