The University of Virginia is seeking Molecular Imaging Core (MIC) Director, this is a faculty position and may be hired at either an Assistant or Associate Professor rank. The Director is responsible for the leadership and management of the Molecular Imaging Core pre-clinical in vivo imaging operations in the School of Medicine. The Core Director will be expected to work closely with the Director of the Office of Research Core Administration to ensure integration of the Molecular Imaging Core with other institutional research resources as well as the effective and efficient management of the core.

The position includes such duties as:

- Personnel management
- Financial management
- Advanced user training and education
- Acquiring and maintaining a portfolio of advanced imaging instrumentation and associated analysis software
- Grant writing and research project consultation with diverse academic users
- Maintain the ACUC protocol

**Characteristic Duties and Responsibilities:**

- Providing leadership and day-to-day operation of the core facility
- Recruit, develop and retain qualified and talented staff for the facility.
- Establish operating and maintenance protocols, as well as quantitative metrics, to ensure instrumentation is operating safely and effectively.
- Financial management for cost recovery operations, including establishing service rates and managing facility budget.
- Develop and oversee user training programs, advanced-use seminars/workshops, and user groups for new instrumentation and emerging technologies.
- Coordinate and participate in inter-Core activities and services to insure continuity of research services.
- Identify instrumentation and funding opportunities for procurement of new instruments based on research community’s needs, write grants to secure funding for capital equipment.
- Prepare annual operating reports for faculty advisory board and Research Advisory Committee (RAC).
- Consult with researchers on molecular imaging strategies for accomplishing research goals, including research project design, sample preparation, and data analysis. Develop novel approaches using imaging technologies for addressing challenging scientific questions.
- Promote the use and operations of the facility, through interactions with UVA and external users, and via multiple media platforms (e.g. core specific activities, website, brochures, Facebook, attendances of internal seminars, working groups, etc., and involvement in professional societies).
- Gather and analyze data and trends to determine short-term and long-term financial and organization implications. Implement changes, restructure and improve services for research community and improve the financial position of the MIC.
- Broaden knowledge and communicate research results to individuals in industry, government and general public through the attendance of scientific conferences.
- Maintain institutional protocols that are necessary for imaging animals including protocols with the Animal Care Unit. Continue to inspire our efforts.

The UVA Health System is renowned for providing outstanding patient care, educating tomorrow’s health care leaders, and discovering new and better ways to treat diseases. The UVA Medical Center and Physicians Group, School of Medicine, and School of Nursing are recognized for their excellence in patient care, education, and research.

At UVA, we offer a rich collection of benefits, which have long been recognized and valued for their comprehensiveness and competitiveness in the market. In addition to a robust array of traditional benefits such as health care, time off, and retirement, UVA offers an array of other benefits and services to support faculty, staff, and UVA Health team members with their personal and family needs.

We are committed to a policy of equal opportunity for all persons and welcome diversity in all forms. For more information on the University of Virginia and the surrounding area, visit our Why UVA and Why Charlottesville webpages.

**Similar Jobs**

Assistant Professor Research | Charlottesville, VA

Research Assistant Professor, Department of Surgery | Charlottesville, VA
• PhD in Molecular Imaging Sciences, Physical Sciences, Biomedical Engineering, or related field is required. Post-doctoral experience in said disciplines is preferred.

• Extensive knowledge of and at least 6 years of **hands-on experience** in molecular imaging instrumentation, protocols, strategies, sample preparation, and data analysis. This includes modalities such as MRI, PET, SPECT, X-Ray CT, fluorescence/luminescence imaging and image-guided Focused Ultrasound.

• Ability to handle small animals (e.g., mice and rats), including anesthesia, injections, use of physiological monitoring, etc.

• Ability to handle and work safely with radioactive materials.

• The Director must also have a demonstrated ability to work extensively with a broad range of academic users, including faculty, to provide research project consultation and advanced training for user groups.

• Other requirements include supervisory experience, including personnel development; experience with data-driven analysis and management for instrument usage, cost, and forecasting for cost recovery financial management; and the ability to troubleshoot equipment issues and keep instruments operating efficiently.

Priority review of applications will begin on July 14, 2022, but the position will remain open until filled.

**TO APPLY:**
Complete an application online and attach:

• Cover letter to include your interest, knowledge, skills, abilities or experience related to the position

• Resume or CV

• Contact information for 3 references

EXTERNAL APPLICANTS: please apply through Workday at the following URL, [https://uva.wd1.myworkdayjobs.com/UVAJobs](https://uva.wd1.myworkdayjobs.com/UVAJobs), and search for requisition #R0036291.

INTERNAL UVA APPLICANTS: please apply through your Workday Home page, search "Find Jobs", and search for requisition #
For questions regarding the application process, please contact Jeremy Brofft, Senior Recruiter at xmf9ad@virginia.edu.

UVA assists faculty spouses and partners seeking employment in the Charlottesville area. To learn more please visit https://dualcareer.virginia.edu/ For more information about UVA and the Charlottesville community please see http://www.virginia.edu/life/charlottesville and https://embarkcva.com/.

COVID Vaccination Requirement and Guidelines

Please visit the UVA COVID-19 Job Requirements and 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.