

Neuroimaging Researcher

*Associate Professor or Professor (Tenured) | Department of Radiology
The Ohio State University College of Medicine*

The Opportunity. The Department of Radiology at The Ohio State University College of Medicine invites applications for a tenured faculty position at the rank of Associate Professor or Professor to develop a nationally prominent neuroimaging research program. We seek an accomplished investigator with a compelling scientific vision, a sustained record of extramural funding, and demonstrated success in multidisciplinary research and mentorship.

This senior recruitment represents a major institutional investment in imaging science and neuroscience. The successful candidate will shape the strategic direction of neuroimaging research at Ohio State, build an integrated program spanning methodological innovation and clinical translation, and collaborate closely with investigators in Neurology, Neurosurgery, Psychiatry and Behavioral Health, and the Ohio State Neuroscience Research Institute.

Leadership and Scientific Scope

The appointee will:

- Develop and lead an internationally recognized, externally funded neuroimaging research program.
- Advance innovative MRI, PET, molecular imaging, quantitative imaging, and multimodal approaches to brain health and disease.
- Create collaborative initiatives that connect imaging scientists, neuroscientists, clinicians, engineers, physicists, data scientists, and physician-scientists across the university.
- Translate imaging technologies, biomarkers, and analytic methods into clinical and population-based investigations.
- Mentor junior faculty and trainees and contribute to a rigorous, collaborative academic environment.

Relevant areas of research may include neurodegenerative disease and dementia, stroke and cerebrovascular disease, neuro-oncology, psychiatric and behavioral disorders, cognitive neuroscience, brain aging and resilience, neurodevelopment, quantitative and computational neuroimaging, artificial intelligence, imaging biomarkers, and precision medicine. These examples are illustrative rather than limiting.

Exceptional Imaging Environment

The successful candidate will play a key role in the **Ohio State Center for Imaging Excellence (CIE)**, an institutional hub for imaging innovation, translational research, and clinical implementation. Planned state-of-the-art resources include:

- A Siemens MAGNETOM Cima.X 3T MRI system with substantial dedicated research access.
- A Siemens Biograph Vision.X PET/CT system with substantial dedicated research access.
- Complementary MRI, PET/CT, multimodality imaging, and computational resources across the Ohio State Wexner Medical Center.
- Access to broad clinical and research populations within a large, integrated academic health system.

This environment provides a unique opportunity for a senior investigator to build a cohesive neuroimaging enterprise, develop cross-disciplinary scientific programs, and accelerate translation of advanced imaging methods into human studies and clinical care.

Qualifications

- MD, PhD, MD/PhD, or equivalent terminal degree in a relevant discipline.
- Academic record appropriate for appointment as Associate Professor or Professor with tenure at The Ohio State University.
- Internationally recognized scholarship in neuroimaging or a closely related field.

- Sustained success in obtaining peer-reviewed extramural research funding and an active funded research program.
- Demonstrated scientific leadership, collaboration, and mentorship.
- Ability to provide external funding support for at least 50% of base salary.

Why Ohio State

Ohio State offers the scale, clinical reach, interdisciplinary partnerships, and institutional commitment needed to support a transformative neuroimaging program. The Department of Radiology provides an academic home for imaging research and training, with established strengths in imaging technology innovation, artificial intelligence, and translational science. The broader environment includes the College of Medicine, Ohio State Wexner Medical Center, the Comprehensive Cancer Center, the Neuroscience Research Institute, and the Center for Clinical and Translational Science.

Application and Inquiries

Applicants should submit a cover letter, curriculum vitae, a research statement of no more than three pages, and a statement of teaching and mentoring. Review of applications will begin immediately and continue until the position is filled. Apply here: [Associate/Full Professor - Faculty - Radiology, Translational Biomedical Imaging Research | Columbus, OH | The Ohio State University Wexner Medical Center](#)

Confidential inquiries and nominations: Anna Godwin, Research Faculty Recruiter,
Anna.Godwin@osumc.edu

Scientific or programmatic questions: Orlando Simonetti, PhD, Chair of the Search Committee,
orlando.simonetti@osumc.edu

The Ohio State University is an equal opportunity employer, including veterans and individuals with disabilities. Ohio State supports dual-career families and offers comprehensive faculty relocation resources and benefits.