Who Can Apply

We are seeking individuals with a PhD in Medical Physics to join our new two-year Medical Physics Imaging Residency Program. The program is designed to provide residents with a broad clinical training experience with state-of-the-art facilities. The Ohio State University accepts applications via the Medical Physics Residency Application Program (MP-RAP) and participates in the MP-RAP MedPhys Match.

Program Administration

David Hintenlang, PhD
Chief of Medical Physics
Director, Medical Physics Imaging Residency Program

Samantha Schnitzer
Residency Coordinator

Department of Radiology

David Hintenlang, PhD
Residency Program Director
395 W. 12th Ave., Suite 450
The Ohio State University Wexner Medical Center
Columbus, OH 43210

Phone: 614-366-0614

Email: david.hintenlang@osumc.edu

If you or someone you know would like to learn more about the opportunities Ohio State has to offer, please contact the program director.
Program Overview

The Ohio State University Wexner Medical Center’s Department of Radiology is proud to announce the availability of a two-year residency program in Imaging Medical Physics. The Medical Physics Division of Radiology supports imaging physics throughout the Ohio State healthcare network and provides a clinical experience covering the breadth and depth of imaging physics. Residents will gain experience and knowledge by participating in clinical activities spanning large academic hospitals to stand-alone clinics.

The medical physics residency program has a faculty of nine members who will share their expertise to prepare graduates for independent practice and American Board of Radiology (ABR) board certification in Diagnostic Medical Physics.

The imaging physics program is a new program at The Ohio State University Wexner Medical Center and is currently in the Commission on Accreditation of Medical Physics Education Programs (CAMPEP) application process. The program provides two years of clinical training to individuals with a PhD degree in Medical Physics, beginning July 1 each year. Residents have the opportunity to expand their perspectives of practice through interactions with colleagues in existing residency programs, including Radiation Oncology Physics, Diagnostic Radiology and Interventional Radiology.

Residents will become familiar with a wide range of accreditation programs, including all ACR-accredited modalities, the Intersocietal Accreditation Commission (IAC) and The Joint Commission. Unique opportunities at Ohio State include experience with radiation oncology imaging, informatics/artificial intelligence and regulatory development, invaluable skills for future medical physicists.

State-of-the-Art Imaging

- Dual Energy CT
- 1.5 and 3 T MRI
- PET/CT
- Digital Breast Tomosynthesis (DBT)
- Stereotactic Breast Biopsy (SBB)
- SPECT/CT
- MRI Simulator
- Mobile CT
- Interventional and Cardiac Cath Labs
- Ultrasound
- Dental Cone Beam CT
- OBI Cone Beam Systems
- Dose Monitoring and Tracking Systems
- 3-D Imaging Lab
- Clinical Applications of AI
- Automated QA Tracking Systems

Rotations

- Orientation
- MRI
- Radiography
- Ultrasound
- Fluoroscopy
- Nuclear Medicine
- Interventional and Cardiac
- Cone Beam and Radiation Oncology
- Mammography
- 3-D Image Processing
- Computed Tomography
- Informatics
- Shielding and Commissioning
- Dose Monitoring Systems
- Regulatory Development
- QA Programs

Didactics

- Physics Conference
- Radiology Residents’ Conference
- Journal Club
- M&M, Teaching Conference
- Annual Residency Oral Exam -- ABR Style Mock Exam
- Ohio State classes as desired