

Emory Radiology and Education

Emory Radiology offers outstanding opportunities to provide patient care in a variety of healthcare settings. Residents, fellows, and imaging technologists train in Emory Healthcare's high-volume tertiary care hospitals and specialty medical centers, as well as at one of the nation's busiest public hospitals with a level I trauma center, a large veterans medical center, and a renowned pediatric health care center, all serving highly diverse populations and communities.

Emory Radiology is an international leader in innovative radiology and imaging sciences training. Innovation not only defines how the next generation of medical imaging experts learn at Emory; innovation also describes what they learn.

RESIDENCY PROGRAMS

- Diagnostic Radiology Residency
- Medical Physics Imaging Residency
- Nuclear Medicine Residency
- Three paths for Interventional Radiology Residency:
 - Interventional Radiology Integrated Residency
 - Independent Interventional Radiology Residency
 - Early Specialization in Interventional Radiology

FELLOWSHIP PROGRAMS

Emory Radiology leverages the clinical and research expertise of its renowned faculty members to provide subspecialty training in these accredited and non-accredited fellowship programs:

- Abdominal Imaging
- Breast Imaging
- Cardiothoracic Imaging
- Emergency and Trauma Imaging
- Imaging Informatics
- Interventional Neuroradiology
- Interventional Radiology & Image-Guided Medicine
- Molecular Imaging and Theragnostics (PET/CT)
- Musculoskeletal Imaging
- Neuroradiology
- Nuclear Radiology
- Pediatric Imaging
- Pediatric Interventional Radiology

SPECIAL RESIDENCY EDUCATION PROGRAMS

With independent call after their first year, residents benefit from collegial mentorship and supervision by faculty throughout their clinical training. Faculty additionally share their teaching and research expertise with residents through several special programs.

Adopt-A-Resident Program – Competitive grant opportunity for residents to propose innovative approaches to resident training and patient care. Projects launched the residency tracks as well as leveraged technology to advance residency and medical training.

Clinical Education Track – The program trains residents in learning theories, learning and teaching styles, curriculum development, mentorship, and research throughout their entire residency. Guided by faculty mentors, residents hone their skills teaching in the School of Medicine’s first-year anatomy, third-year radiology clerkship, and elective courses. The residents complete the program with a mentored capstone education project.

Integrated Imaging Informatics Track (I3T) – The I3T provides residents interested in careers that maximize the quality and efficiency of imaging informatics technology and services with didactic instruction, small projects supporting informatics innovation in Emory Radiology clinical care, and an informatics capstone project.

Molecular Imaging in Medicine Track – This program combines training in both diagnostic radiology and nuclear medicine molecular imaging to prepare residents for dual board eligibility/certification. Residents in this track may choose a four-year (MIM4) program emphasizing clinical excellence, or a five-year (MIM5) program, which provides dedicated research time and mentorship in addition to clinical training.

Radiology Research Track – Residents aspiring to research careers enjoy training and mentorship by faculty renowned for their scientific accomplishments and leadership in translational and basic research, with up to 16 dedicated months to complete their research.

Medical Entrepreneurship Track – Launched in 2018, this track blends training on the fundamentals of entrepreneurship and product development with skills-building challenges to help residents turn ideas into marketable products. The Department of Biomedical Engineering at Emory and Georgia Tech and the Emory Office of Technology Transfer help residents create their prototype and supporting business plan for the capstone project.

The Emory Global Health Residency Scholars Program – Modeled on Emory Radiology’s pioneering Radiology Global Health Program, The Emory Global Health Residency Scholars Program is a yearlong elective for residents from a dozen specialties, including radiology. Residents complete a year-long course with lectures, discussions, and projects that challenge cultural assumptions while promoting clinical and teaching excellence. Residents then participate with faculty mentors in a month-long rotation with Addis Ababa University and Black Lion Hospital in Addis Ababa, Ethiopia.

BACHELOR OF MEDICAL SCIENCE IN MEDICAL IMAGING PROGRAM

The Bachelor of Medical Science (BMSc) in Medical Imaging Program has evolved from the first x-ray technician program established at Emory University Hospital more than seventy years ago into one of only three baccalaureate programs in Georgia. The program, which recently earned eight-year reaccreditation, offers two tracks toward the BMSc degree:

1. **Three-year Traditional Program** for those with no prior imaging experience; and
2. **Two-year Bridge Program** for technologists who already hold certification at the associate’s level. Students can specialize in CT, MRI, radiography education, or radiology administration.

The program is part of the Emory Pipeline Collaborative (EPiC), which provides students from disadvantaged backgrounds with pathways to health sciences careers like medical imaging. Emory Radiology faculty engage with students in the Medical Imaging Program during the students’ clinical training rotations at Emory University Hospital and Emory Clinic locations.