PhD
NEW TRACK IN
BIOMEDICAL IMAGING

EINSTEIN
Albert Einstein College of Medicine

Graduate Programs in the
Biomedical Sciences

PhD Track in Biomedical Imaging

- State-of-the-art imaging facilities (3T and 9.4T MRI scanners, micro-PET/CT)
- Innovative research projects addressing basic, translational and clinical problems
- Interdisciplinary teams- imaging physics, software development, neurology, hematology, psychology
- Co-mentoring with first-rate Ph.D. and M.D. faculty members

Childhood Diseases
- Leukemia
- Sickle cell
- Sleep apnea
- Traumatic brain injury

Neuroscience
- Multiple sclerosis
- Mild cognitive impairment
- Healthy aging
- Chemobrain

Breast Cancer
- Molecular imaging
- Early diagnosis and detection
- Axillary lymph node staging
- Cancer imaging

Other cutting-edge research
- Artificial intelligence
- COVID research
- Imaging data sciences
- Radiation therapy

Program goals
To train cross-disciplinary scientists in biomedical imaging science, with a strong emphasis on biologically and clinically relevant questions.

Academic requirements
B.A. or B.S. in **physical, biological sciences, or engineering,** passionate about pushing boundaries in science and research, interested in Ph.D. or M.D./Ph.D. program, seeking interdisciplinary, collaborative research environment to further your education and career.

A UNIQUE RESEARCH AND TRANSLATIONAL SCIENTIFIC ENVIRONMENT

Cutting-edge shared facilities
- Gruss MR Research Center
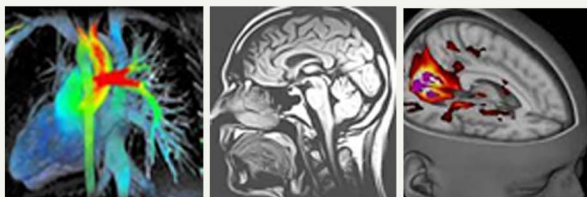- Research Informatics
- Cell Engineering and Imaging

- **Over 200 Research Labs**
- 750 M.D. Students
- 350 Ph.D. Students
- 350 Postdoctoral fellows

Top NIH funding
2022:$197M
2021:$179M
2020:$178M

www.einsteinmed.edu/phd

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