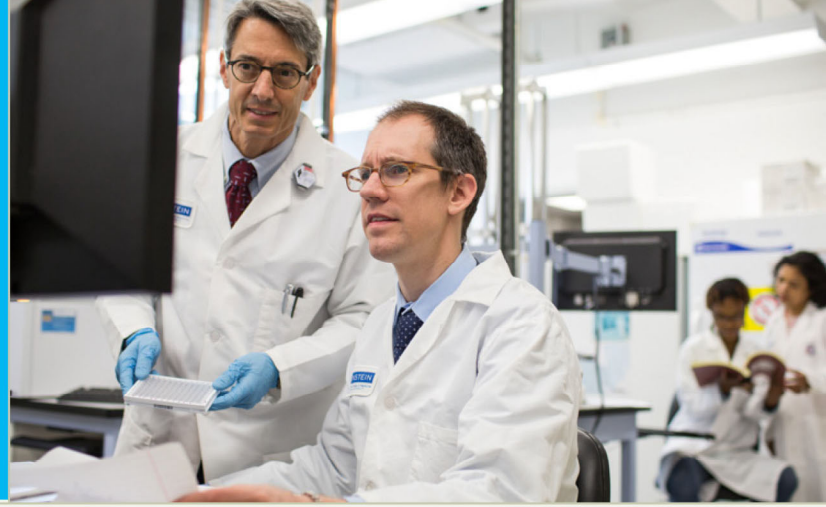


PhD

NEW TRACK IN BIOMEDICAL IMAGING



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



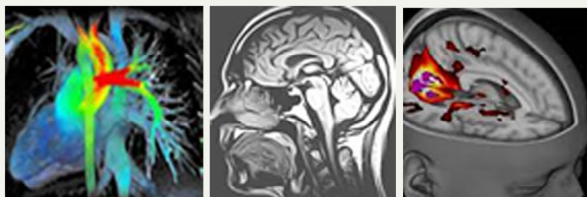
Over 200 Research Labs

- 750 M.D. Students
- 350 Ph.D. Students
- 350 Postdoctoral fellows



Top NIH funding

2020:\$197M
2019:\$179M
2018:\$178M



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