PhD
NEW TRACK IN
BIOMEDICAL IMAGING

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

<table>
<thead>
<tr>
<th>Childhood Diseases</th>
<th>Neuroscience</th>
<th>Breast Cancer</th>
<th>Other cutting-edge research</th>
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<tbody>
<tr>
<td>Leukemia</td>
<td>Multiple sclerosis</td>
<td>Molecular imaging</td>
<td>Artificial intelligence</td>
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<td>Sickle cell</td>
<td>Mild cognitive impairment</td>
<td>Early diagnosis and detection</td>
<td>COVID research</td>
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<td>Sleep apnea</td>
<td>Healthy aging</td>
<td>Axillary lymph node staging</td>
<td>Imaging data sciences</td>
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<td>Traumatic brain injury</td>
<td>Chemobrain</td>
<td>Cancer imaging</td>
<td>Radiation therapy</td>
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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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