

Whitaker Biomedical Engineering Institute

The Johns Hopkins University

Fact Sheet

Mission: The Institute's mission is to improve human health through excellence in research and education at the interface of engineering, biology and medicine.

Founded: 1962

Academic Divisions: School of Medicine, School of Engineering

Research Areas:

- Medical Imaging
- Molecular and Cell Systems
- Systems Neuroscience
- Bioinformatics and Computational Biology
- Cardiovascular Systems
- Cell and Tissue Engineering/Biomaterials
- Computational Modeling

Affiliate Centers:

- Mind Brain Institute
- Center for Cardiovascular Bioinformatics and Modeling
- Center for Hearing and Balance
- Center for Imaging Science
- Institute for Computational Medicine
- Center for Bioengineering Innovation and Design
- Center for Magnetic Resonance Micro-imaging

Department Director: Elliot McVeigh, Ph.D.

Primary Faculty: 35 (Professors-15, Assoc. Professors-6, Assist. Professors-13, Instructor-1)

Secondary Faculty: 45 (Adjunct, Affiliate and Part-time)

Post Docs: ~36

Graduate Students: ~198 (Ph.D. and MS)

Undergraduate Students: ~440

Department Highlights:

- Largest pre-clinical department at the Johns Hopkins School of Medicine
- Number one ranked biomedical engineering program in U.S according to *U.S. News & World Report*
- 26 ongoing translational research projects
- 9 startup's from faculty research work