

# 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:**

- Biomedical Imaging Sciences
- Biomedical Micro and Nano-Technologies and Instrumentation
- Computational Biology and Bioinformatics
- Cell and Tissue Engineering/Biomaterials
- Cardiovascular Systems
- Molecular and Cellular Engineering Physiology
- Neuroengineering
- Systems Neuroscience

#### **Affiliate Centers:**

- Mind Brain Institute
- Center for Cardiovascular Bioinformatics and Modeling
- Center for Hearing and Balance
- Center for Imaging Science
- Center for Clinical Neuroengineering
- Center for Magnetic Resonance Micro-imaging

**Department Director:** Murray B. Sachs, Ph.D.

**Primary Faculty:** 23 (Professors-12, Assoc.Professors-3, Assist. Professors-8)

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

**Post Docs:** ~36

**Graduate Students:** 130 (Ph.D. and MS)

**Undergraduate Students:** 500

#### **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