

Candidate

Student Enrolls in
Biomedical, Mechanical,
Electrical Engineering
or
Computer Science Ph.D.
Program



- * Surgical/Interventional Immersion Course
- * Professional Development
- * VISE Thought-Leaders Seminar Series

Academic Year 1

Trainee

- * Engineering Laboratory Research Rotation
- * Train for Clinical Observational Experience
- * Research in Progress Seminars

Summer Year 1

- *Surgical/Interventional Clinical Observation Course
- * Elective Courses
- * Create PhD Research Plan
- * VISE Thought-Leaders Seminar Series

Academic Year 2

- * Determine Clinical and Engineering Mentors
- * Summer Mentoring Experiences
- * Research in Progress Seminars

Summer Year 2

- *Participate in Mentored Research
- * Continue Department Degree Requirements
- * VISE Thought-Leaders Seminar Series

Academic Year 3

• **Participating Faculty:**
35+ Science/Engineering Faculty
with 30+ Physician Faculty

• **20+ Core Science/Engineering**
Laboratory Participation

• **15+ Clinical Specialties**
Participating



Michael Miga
Program Director



VANDERBILT INSTITUTE FOR
SURGERY AND ENGINEERING