

**Program: PhD in Biomedical Engineering**

Program Contact and Title: Sol Eisenberg, Sc.D., Chair of Biomedical Engineering

College/School Contact and Title: Catherine Klapperich, Ph.D., Associate Chair for Graduate Programs

**1. Learning Outcomes**

Graduates of the Biomedical Engineering PhD Program will be able to:

1. Demonstrate a strong foundation of biomedical engineering knowledge in the phenomena of molecular and cellular biology and in physiology from a quantitative and systems perspective as measured by successful completion of coursework and the qualifying examination.
2. Demonstrate the ability to obtain, analyze, synthesize quantitative data and generate hypotheses pertaining to biological systems.
3. Demonstrate the ability to perform and effectively communicate original scientific research in biomedical engineering as measured by conference presentations, peer-reviewed and other publications and the completion of a novel doctoral thesis.