

# DEPARTMENT OF BIOMEDICAL ENGINEERING

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Scott Sell, Ph.D.  
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Biomedical engineers combine design and problem-solving skills of engineering with medical and biological sciences to advance health care and improve patient quality of life. Students in the Department of Biomedical Engineering at Saint Louis University learn to apply these skills in diverse areas within the biomedical engineering discipline as they prepare for careers in industry, academia or health care. SLU faculty are very active in research and involve students at all levels in their research.

## Programs

- Biomedical Engineering, B.S. (<https://catalog.slu.edu/colleges-schools/science-engineering/biomedical/biomedical-engineering-bs/>)
- Biomedical Engineering, B.S. to Biomedical Engineering, M.S. Accelerated Program (<https://catalog.slu.edu/colleges-schools/science-engineering/biomedical/bs-ms-accelerated/>)
- Biomedical Engineering, M.S. (<https://catalog.slu.edu/colleges-schools/science-engineering/biomedical/biomedical-engineering-ms/>)
- Biomedical Engineering, Minor (<https://catalog.slu.edu/colleges-schools/science-engineering/biomedical/biomedical-engineering-minor/>)
- Biomedical Engineering, Ph.D. (<https://catalog.slu.edu/colleges-schools/science-engineering/biomedical/biomedical-engineering-phd/>)
- Foundations of Biomechanics, Microcredential (<https://catalog.slu.edu/colleges-schools/science-engineering/biomedical/foundations-biomechanics-micro/>)
- Foundations of Tissue Engineering and Regenerative Medicine, Microcredential (<https://catalog.slu.edu/colleges-schools/science-engineering/biomedical/foundations-tissue-eng-regen-med-micro/>)
- Mathematics, B.S. (Harris-Stowe State University) and Biomedical Engineering, B.S. Dual Degree (<https://catalog.slu.edu/colleges-schools/science-engineering/biomedical/math-hssu-biomedical-engineering-dual-bs/>)
- Quantitative Physiology Concepts for Engineering, Microcredential (<https://catalog.slu.edu/colleges-schools/science-engineering/biomedical/quantitative-physiology-engineering-micro/>)

## Faculty Leadership

Gary Bledsoe, Ph.D.  
*Department chair*

Silviya Zustiak, Ph.D.  
*Associate chair*

## Faculty

Gary Bledsoe, Ph.D.  
Natasha Case, Ph.D.  
Marta Cooperstein, Ph.D.  
Yan Gai, Ph.D.  
Koyal Garg, Ph.D.  
Andrew Hall, D.Sc., emeritus  
Alex Reiter, Ph.D.