

# J. CRAYTON PRUITT FAMILY DEPARTMENT OF BIOMEDICAL ENGINEERING

*Chair:* C. Schmidt

*Graduate Coordinator:* C. Stabler

The mission of the J. Crayton Pruitt Family Department of Biomedical Engineering (BME) is to educate students with strong engineering and science backgrounds for Master's and/or Ph.D. degrees in biomedical engineering. Graduates in BME typically apply their skills and training directly to engineering solutions to clinical problems in medicine. The BME mission is accomplished through a core program of study that has strong collaborations with faculty in the Colleges of Engineering and Medicine.

Degrees offered include: Doctor of Philosophy, Master of Science (thesis and non-thesis options), and Master of Engineering (thesis and non-thesis options). More details regarding these degrees and the minimum entry requirements are provided at <http://www.bme.ufl.edu/academics/graduate> (<http://www.bme.ufl.edu/academics/graduate/>).

The Biomedical Engineering Department faculty members work collaboratively with joint, affiliate, and adjunct faculty from many other departments in the College of Engineering, the College of Medicine, and local industry. This diversity ensures students the highest-quality education and varied opportunities for cutting-edge research.

Areas of Research within these graduate programs include:

- Biomaterials and Regenerative Medicine
- Biomechanics and Bionics
- Biomedical Imaging and Applications
- Molecular and Cellular Engineering
- Modeling and Biomedical Data Science
- Neural Engineering

More information about our dynamic and collaborative department is available at: <http://www.bme.ufl.edu>.

## Majors

- Biomedical Engineering (<http://gradcatalog.ufl.edu/graduate/colleges-departments/engineering/biomedical/biomedical/>)

## Faculty

### Professor

- Dobson, Jon P.
- Ferris, Daniel Perry
- Keselowsky, Benjamin G.
- Liu, Chihray
- Otto, Kevin
- Rinaldi, Carlos
- Schmidt, Christine E.
- Stabler Anderson, Cheryl

### Associate Professor

- Allen, Kyle
- Fang, Ruogu
- Gunduz, Aysegul
- Hudalla, Gregory
- Lewis, Jamal Sana
- McFetridge, Peter S.
- Murfee, Walter L.
- Ormerod, Brandi K.
- Rashidi, Parisa
- Sharma, Blanka
- Williams, Lakiesha Nicole

### Assistant Professor

- Fan, Xiao
- Ferrall-Fairbanks, Meghan C.
- Nichols, Jennifer A.
- Parker, Ivana Kennedy
- Phelps, Edward Allen
- Porras, Ana Maria
- Taylor, Brittany

### Other

- Fuller, Eric G.

### Lecturer

- Furtney, Sarah C.
- Mansy, May M.

### Distinguished Professor

- Bolch, Wesley Emmett
- Ding, Mingzhou

### Courtesy Assistant Professor

- Hintenlang, Kathleen M.

### Clinical Professor

- Li, Jonathan G.
- Samant, Sanjiv Singh

### Affiliated Faculty

- Allen, Josephine  
Associate Professor
- Angelini, Thomas Ettor  
Associate Professor
- Arreola, Manuel Munoz  
Clinical Assistant Professor
- Banks, Scott Arthur  
Professor
- Batich, Christopher D.  
Professor
- Berceci, Scott A.  
Professor

- Bova, Frank J.  
Distinguished Professor
- Dickinson, Richard Bernhart  
Professor
- Fan, Zhonghui Hugh  
Professor
- Gower, Laurie B.  
Professor
- Huang, Yong  
Professor
- Judy, Jack  
Professor
- Leon, Stephanie Marie  
Clinical Assistant Professor
- Liao, James C.  
Associate Professor
- Lu, Bo  
Clinical Associate Professor
- Mareci, Thomas H.  
Professor
- Mecholsky, John J.  
Professor
- Menezes, Amor  
Assistant Professor
- O'Dell, Walter G.  
Research Associate Professor
- Oweiss, Karim  
Professor
- Phillips, Winfred M.  
Senior Advisor
- Rill, Lynn Neitzey  
Clinical Assistant Professor
- Santinoranont, Malisa  
Professor
- Simmons, Chelsey  
Assistant Professor
- Stoppel, Whitney Leigh  
Assistant Professor
- Taylor, Erika Moore  
Assistant Professor
- Tran Son Tay, Roger  
Professor
- Vaillancourt, David E.  
Professor
- Van Oostrom, Johannes H.  
Associate Professor
- Vemuri, Baba C.  
Distinguished Professor
- Yan, Guanghua  
Clinical Associate Professor