UF is one of six universities in the country with colleges of medicine, veterinary medicine, engineering, law and agriculture all on one contiguous campus.
**UF | Biomedical Engineering Primary Faculty**

**Kyle D. Allen**
Associate Professor  
Ph.D., Rice University  
Novel strategies to diagnose and treat degenerative joint diseases

**Aysegul Gunduz**
Associate Professor, UF Research Foundation Professor & Diversity Officer  
Ph.D., University of Florida  
Human brain mapping, neuromodulation and neural interfacing

**Edward A. Phelps**
Assistant Professor & J. Crayton Pruitt Family Term Fellow  
Ph.D., Georgia Institute of Technology  
Cell & tissue regeneration, islet biology, diabetes and immunengineering

**Wesley E. Bolch**
Distinguished Professor  
Ph.D., University of Florida  
Dosimetry, computational medical physics and dose assessment

**Gregory A. Hudalla**
Associate Professor  
Ph.D., University of Wisconsin  
Molecular engineering for immunotheerapies and immune modulation

**Ana Maria Porras**
Assistant Professor  
Ph.D., University of Wisconsin-Madison  
Biomaterials & tissue engineering to study host-microbe interactions and inclusive science communication

**Mingzhou Ding**
Distinguished Professor & J. Crayton Pruitt Family Professor  
Ph.D., University of Maryland  
Cognitive neuroscience, signal processing and neural imaging

**Benjamin G. Keselowsky**
Professor & Associate Chair for Graduate Studies  
Ph.D., Georgia Institute of Technology  
Biomaterials and controlled release systems for vaccines, immunotherapies and implants

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Ph.D., Washington State University  
Medical artificial intelligence (AI) and pervasive health

**Jon Dobson**
J. Crayton Pruitt Family Professor  
Ph.D., Swiss Federal Institute of Technology, ETH-Zurich  
Magnetic micro- and nanoparticle-based biomedical applications

**May Mansy**
Lecturer  
Ph.D., University of Florida  
Biomedical signals & systems and engineering leadership

**Carlos Rinaldi**
Dean’s Leadership Professor & Chemical Engineering Department Chair  
Ph.D., Mass. Institute of Technology  
Nanomedicine and magnetic nanoparticles

**Ruogu Fang**
Assistant Professor  
Ph.D., Cornell University  
Artificial intelligence, brain dynamics and medical image analysis

**Peter S. McFetridge**
Associate Professor & Graduate Coordinator  
Ph.D., University of Bath  
Naturally inspired biomaterials for biologically functional implants and organ regeneration

**Christine E. Schmidt**
Professor, J. Crayton Pruitt Family Chair & BME Department Chair  
Ph.D., University of Illinois  
Biomaterials for neural tissue regeneration and neural interfacing

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Quantitative systems biology, mathematical modeling, cancer heterogeneity, and evolutionary dynamics

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Nanomedicine, biomaterials, targeted drug/gene delivery and immunengineering

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Biomechanics, neuromechanical control, locomotion, mobile brain imaging, robotic exoskeletons and bionic prostheses

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Biomaterials, controlled release, regenerative medicine and diabetes

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Engineering design and engineering education

**Kevin J. Otto**
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