WELCOME NEW STUDENTS

- 66 new grad students
  - MS: 51
  - PhD: 15

- 40 new upper division limited-access program students

- 235 new freshman
WELCOME NEW FACULTY

Stephen Hugo Arce, Ph.D.
BME Lecturer

Bioinstrumentation, biodesign and BME senior design laboratories

Education:
B.S. Food Science and Human Nutrition, UF, 2005
M.E. Chemical Engineering, UF, 2008
Ph.D. Chemical Engineering, UF, 2014

Honors and Awards:
• McKnight Doctoral Fellow
WELCOME FACULTY TO NEW ROLES

Dr. Cherie Stabler
Graduate Coordinator

Dr. David R. Gilland
Undergraduate Coordinator

Thank you Dr. Hintenlang for your past service as Graduate Coordinator and for continuing as the Medical Physics Program Director!
WELCOME NEW STAFF

Sarah Albury
Grants Specialist

Candi Crimmins
Communications Coordinator

Micah Herron
Sr. Fiscal Assistant

Hollie Martin
Office Manager

Brittany Moore
Sr. Fiscal Assistant

Amanda Purser
Graduate Advisor

Jennifer Stankevich
Grants Assistant
Thank You to Our BME Team!
21 Primary Faculty

Kyle D. Allen, Ph.D.
Assistant Professor

Stephen Hugo Arce, Ph.D.
Lecturer

Wesley E. Bolch, Ph.D.
Professor & Associate Dean for Academic Affairs

Mingzhou Ding, Ph.D.
Pruitt Family Professor, UFRP Professors

Jon. P. Dobson, Ph.D.
Professor

David R. Gilland, Ph.D.
Associate Professor, Undergraduate Coordinator

Aysegul Gunduz, Ph.D.
Assistant Professor

David E. Hintenlang, Ph.D.
Associate Professor, Medical Physics Program Director

Gregory Hudalla, Ph.D.
Assistant Professor

Huabei Jiang, Ph.D.
Pruitt Family Professor

Benjamin G. Keselowski, Ph.D.
Associate Professor UFRF Professor

Peter McFetridge, Ph.D.
Associate Professor, Tim Brahm Professor
<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Position</th>
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<tbody>
<tr>
<td>Brandi K. Ormerod, Ph.D.</td>
<td>Associate Professor</td>
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<td>Kevin J. Otto, Ph.D.</td>
<td>Associate Professor</td>
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<tr>
<td>Parisa Rashidi, Ph.D.</td>
<td>Assistant Professor</td>
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<tr>
<td>Carlos Rinaldi, Ph.D.</td>
<td>Professor, Charles A. Stokes Professor</td>
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<td>Christine E. Schmidt, Ph.D.</td>
<td>Pruitt Family Professor &amp; Chair</td>
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<tr>
<td>Blanka Sharma, Ph.D.</td>
<td>Assistant Professor</td>
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<tr>
<td>Cherie Stabler, Ph.D.</td>
<td>Associate Professor, Graduate Coordinator</td>
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<tr>
<td>Hans van Oostrom, Ph.D.</td>
<td>Associate Professor &amp; Associate Chair</td>
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<tr>
<td>Lin Yang, Ph.D.</td>
<td>Associate Professor</td>
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+ ~70 Affiliate Faculty
Dedicated & Talented Staff

Sarah Albury
Grants Specialist

Zac Bielling
Fiscal Officer

Curtis Bryant
Grants Specialist

Candi Crimmins
Communications Coordinator

Victor De La Cruz
IT Expert

Andrea Fabic
Undergraduate Advisor

Ramai Gaasbeek
IT Specialist

Sommer Green
Assistant to the Chair and Special Projects Manager
Dedicated & Talented Staff

- **Shujin Hackmann**
  - Department Laboratory Manager

- **Micah Herron**
  - Sr. Fiscal Assistant

- **Hollie Martin**
  - Office Manager

- **Michael W. Masem**
  - Director of Development

- **Brittany Moore**
  - Sr. Fiscal Assistant

- **Amanda Purser**
  - Graduate Advisor

- **Jennifer Stankevich**
  - Grants Assistant

- **Matt Taylor**
  - Building Manager
<table>
<thead>
<tr>
<th>Student Leaders</th>
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<tr>
<td><strong>BMES</strong></td>
<td><strong>Student Leaders</strong></td>
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<tr>
<td>President:</td>
<td>Hammad Huda</td>
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<tr>
<td>Treasurer:</td>
<td>Anthony Powers</td>
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<td><strong>Graduate Student Council</strong></td>
<td><strong>Student Leaders</strong></td>
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<tr>
<td>President:</td>
<td>Joshua Stewart</td>
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<tr>
<td>Vice President:</td>
<td>Evelyn Bracho-Sanchez</td>
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<td>Treasurer:</td>
<td>Michelle Sands</td>
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<td>Secretary:</td>
<td>BC Schwartz</td>
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<tr>
<td><strong>Engineering World Health</strong></td>
<td><strong>Student Leaders</strong></td>
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<tr>
<td>President:</td>
<td>Emily Marshall</td>
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<tr>
<td>Treasurer:</td>
<td>Michael Hermansen</td>
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<td><strong>IEEE-EMBS</strong></td>
<td><strong>Student Leaders</strong></td>
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<tr>
<td>President:</td>
<td>Kannon Menon</td>
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<td>Vice President:</td>
<td>Rene Molina</td>
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<td>Treasurer:</td>
<td>Enrico Opri</td>
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<td>Secretary:</td>
<td>Jonathan Shute</td>
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<td><strong>SHMPS</strong></td>
<td><strong>Student Leaders</strong></td>
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<tr>
<td>President:</td>
<td>Will Godwin</td>
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<td>Vice President:</td>
<td>Michael Shang</td>
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<td>Treasurer:</td>
<td>Heather Petroccia</td>
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<td>Secretary:</td>
<td>Edmond Olguin</td>
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<td><strong>Society for Biomaterials</strong></td>
<td><strong>Student Leaders</strong></td>
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<tr>
<td>President:</td>
<td>Cary Kuliasha</td>
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<tr>
<td>Vice President:</td>
<td>Alex Collins</td>
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<td>Treasurer:</td>
<td>Teddy Li</td>
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<td>Secretary:</td>
<td>Margaret Fettis</td>
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BME Rankings

- No. 22: U.S. News & World Report’s national rankings coming among public universities
- No. 10: GraduatePrograms.com student reviews
2nd Undergrad Class Graduates!
3rd Annual Pruitt Research Day

Celebrating the next generation of Biomedical Engineers and Scientists!

- **Keynote Speaker:**
  Karen Zaderej
  President, CEO and Director, AxoGen

- **Best Oral Presentation:**
  Jianbo Tang (Dr. Jiang’s lab)

- **Best Poster Presentation:**
  Michael Hermansen (Dr. Bova’s lab)

- **Honorable Mention Poster Presentation:**
  Paul Nickerson (Dr. Rashidi’s lab)
• Pruitt Historical Marker unveiling during our third annual Pruitt Research Day in November.

• Provost Glover presented the family with the university’s first-ever “Preeminence Award”.
New Partnership for 2015:

Sigma-Aldrich is a leading Life Science and High Technology Materials company focused on enabling science to improve the quality of life.
• In February 2015, we received a $1 million gift from the Leo Claire & Robert Adenbaum Foundation to establish the Robert W. Adenbaum Professorship in Engineering Innovation.

• The gift will be used to recruit a faculty member whose work supports engineering innovation in the department.

• In April 2015, BioD committed $1 million to BME, in part to establish the Tim Brahm Endowed Term Professorship in Biomedical Engineering.
Dr. Peter McFetridge awarded the Tim Brahm Endowed Term Professorship!

- The professorship is bestowed on faculty members who specialized in regenerative medicine.

- Dr. Peter McFetridge’s primary research objective is to engineer viable 'living' tissue and organs for the repair and regeneration of diseased tissues.

  Congratulations, Dr. McFetridge!
**Dr. Allen** is PI of newly awarded 5-year **$1.58M NIH R01** titled “Magnetic Capture of Osteoarthritis Biomarkers”

**Dr. Gunduz and UF neuroengineering team** awarded up to **$5.4M from DARPA** for neuroprosthetics research

**Dr. Hudalla** received the **NSF CAREER Award $500K** for 5 years for (Synthetic Glycoprotein mimetics with tunable galectin-binding properties via glycopeptide nanofibers)

**Dr. Keselowsky** awarded **$1.5M NIH R01** grant as PI for “Biomaterial Delivery System for Type 1 Diabetes Vaccine”
New Grants

**Dr. Rashidi** awarded **$1.9M NIH RO1** grant as Co-I for “Finding Good Temporal Postoperative Pain Signatures” and 1-year **$100K NSF STTR** entitled “TAO: An Intelligent Mental Health Tool”

**Dr. Rinaldi** is PI of awarded 2-year **$400K NIH R21** entitled “Magnetically Templated Regeneration Scaffolds for Nerve Injury Repair”

**Dr. Stabler** awarded **$4.9M NIH UC4** grant as PI for “Engineering a Human Physiomimetic Islet Microsystem” and **$1M JDRF** grant for “Engineered Bioactive Hydrogel Macrodevices for Islet Transplantation”

**Dr. Yang** awarded **$1.5M NIH RO1** grant as PI for “Development and Dissemination of Muscle Miner: An Imaging Informatics Tool”
Dr. Wesley Bolch appointed to U.S. delegation to United Nations Scientific Committee on Effects of Atomic Radiation, Appointed College of Engineering’s Associate Dean of Academic Affairs

Dr. Mingzhou Ding appointed to Editorial Board for Scientific Reports

Dr. Jon Dobson elected AIMBE Fellow
Dr. Aysegul Gunduz received IAMBE Early Career Award & CTSI KL2 Scholar

Dr. David Hintenlang elected Fellow of the American Association of Physicists in Medicine

Dr. Gregory Hudalla received NSF CAREER Award
Dr. Benjamin Keselowsky named UF Research Foundation Professor

Dr. Brandi Ormerod invited to join Editorial Board of the journal *Brain, Behavior, and Immunity*

Dr. Christine Schmidt elected Chair of AIMBE’s College of Fellows
Faculty: Major Awards & Recognitions

Dr. Blanka Sharma featured on cover of ASEE’s Prism magazine

Dr. Hans van Oostrom selected as College of Engineering and University of Florida Faculty Adviser/Mentor of the Year

Dr. Bruce Wheeler elected IAMBE Fellow, Elected to IFMBE Administrative Council
Evelyn Bracho-Sanchez voted President-Elect for the Society of Biomaterials National Student Chapter

Izabella Lipnharski won two 1st place awards at 2015 AAPM Spring Clinical Meeting

Aniruddh Ravindran selected as 2015 Engineering M.S. Scholar
Student: Major Awards & Recognitions

Jonathan Shute awarded NIH T32 Fellowship

Troy Templin and team won 2nd place at the International Contest of Applications in Nano/Micro Technologies

Four students awarded Health Physics Society Fellowships
Michael Hermansen, Emily Marshall, Heather Petroccia, Michelle Sands
New Departmental Awards

Dr. Ben Keselowsky
Research Excellence Award

Dr. Greg Hudalla
Teaching Excellence Award

Dr. Carlos Rinaldi
Service Excellence Award

Shannon Brown
Graduate Student Excellence Award

Jackson Cagle
Undergraduate Student Excellence Award

Sommer Green
Staff Excellence Award
BME News Magazine: CrossLink

- Started in 2014
- Printed yearly
- Please pick-up a copy and let us know what you think.
Networking & Team Building Events

J. Crayton Pruitt Family Department of Biomedical Engineering
BME

Networking & Team Building Events

J. Crayton Pruitt Family Department of Biomedical Engineering
BME Social Media

UF BME Facebook Page
UF BME LinkedIn Group

BME student, Shannon O'Reilly, receives 2015 University Women's Club Graduate Student award. Congratulations to BME student, Shannon O'Reilly, one of the UF students who received a 2015...
The J. Crayton Pruitt Family Department of Biomedical Engineering at the University of Florida will be one of the leading biomedical engineering programs in the nation.

The department will leverage the unique co-localization of talent and resources in engineering, medicine, veterinary sciences, dentistry, and technology commercialization to maximize opportunities for interdisciplinary student training and the clinical translation of technologies that will advance and improve health care in the state of Florida and worldwide.
Continued Growth in Excellence

- Departmental recognitions and visibility
- Partnerships: team grants and increased collaboration
- Enhanced alumni and industry connections
- Promoting a strong camaraderie and team culture
- Mentoring programs
- Attention to rigor of educational programs (ABET!)
Leadership Seminars

**Kristi S. Anseth, Ph.D.**
Howard Hughes Medical Institute Investigator and
Distinguished Professor of Chemical and Biological Engineering,
University of Colorado Boulder

09/14/2015 @ 3 pm

*Sponsored by: Sigma Aldrich*

**Jennifer West, Ph.D.**
Fitzpatrick Family University Professor of Engineering,
Duke University

09/21/2015 @ 3 pm

**Rashid Bashir, Ph.D.**
Abil Bliss Professor of Engineering and Bioengineering Department Head,
University of Illinois at Urbana-Champaign

10/26/2015 @ 3 pm
Matt O'Donnell, Ph.D.
Frank and Julie Jungers Dean Emeritus, College of Engineering & Professor, Department of Bioengineering, University of Washington
01/11/2016 @ 3 pm

Dominique Durand, Ph.D.
EL Lindseth Professor of Biomedical Engineering & Director, Neural Engineering Center, Case Western Reserve University
02/15/2016 @ 3 pm

Scott P. Bruder, M.D., Ph.D.
Principal, Bruder Consulting International, LLC and Professor, Department of Biomedical Engineering, Case Western Reserve University
03/14/2016 @ 3 pm
New Seminar Series!

- Open to BME Students & Faculty
- Part of BME6010 Clinical Preceptorship course

Grand Rounds #1
- 9/11/15

Grand Rounds #2
- 10/14/15

Grand Rounds #3
- 11/4/15
Upcoming Important Dates

- Gator Engineering Tailgate Reunion
  - 11/07/15

- BME External Advisory Board (EAB) Meeting
  - 10/21/15

- 4th Annual Pruitt Research Day
  - 11/16/15 (tentative)

- BME Holiday Celebration
  - 12/11/15
JOIN US AT BMES!

October 7-10, 2015
Tampa Convention Center, Tampa, FL

UF Reception
October 8
8 p.m. – 10 p.m.
Location: Tampa Marriott Waterside Hotel & Marina, Il Terrazzo room
Entertainment:
Scott Peoples Music

Stop by the UF booth #709 in the Exhibit Hall!
THANK YOU FOR YOUR CONTINUED SUPPORT
AS WE STRIVE TO ACHIEVE OUR VISION!