Stephenson School of Biomedical Engineering

Gallogy Hall, Room 101
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Norman, OK 73019-1040

Student Program Coordinator
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Stephenson School of Biomedical Engineering

The Stephenson School of Biomedical Engineering at the University of Oklahoma was founded with a historic $30 million gift in 2016. We have ten core faculty and more than 20 total graduate faculty, with ongoing faculty hiring. We have about 264 undergraduates and 31 graduate students, and we are active partners in outreach, diversity and inclusion efforts. Our core value is to create new technologies that advance human health.

In fall 2019, Gallogly Hall opened its doors. This brand-new 72,000-square-foot building offers lab space for the biomedical engineering research and training programs. A vivarium is available in the basement of Gallogly Hall to allow preclinical animal studies.

SBME Research Interests

Graduate students in SBME will have opportunities to do research in the following exciting areas:

- Biomaterials
- Brain injury and disease
- Cancer
- Imaging
- Musculoskeletal medicine
- Nanomedicine
- Neural engineering
- Pediatric bioengineering
- Regenerative medicine
- Tissue engineering
- Biotransport
- Theranostics

Core Faculty Labs

Michael Detamore
Director and Professor
Stephenson Chair #1
trml.ou.edu/research

Handan Acar
Assistant Professor
Stephenson Professor #2
acar-lab.com

Stefan Wilhelm
Assistant Professor
Stephenson Professor #1
wilhelm-lab.com

Lei Ding
Presidential Professor
and IBEST Director
ou.edu/ouneuro

Jerzy Bodurka
Associate Professor
laureateinstitute.org/
jerzy-bodurka.html

Han Yuan
Assistant Professor
yuanlab.ou.edu

Qinggong Tang
Assistant Professor
tanglab.oucreate.com

Yuan Yang
Assistant Professor
ou.edu/coe/sbme/
people/yang

The University of Oklahoma

OU is a Carnegie-R1 comprehensive public research university with over 30,000 students across three campuses: the main campus in Norman, the Health Sciences Center in Oklahoma City and the Schusterman Center in Tulsa. Norman is known as the “City of Festivals,” a culturally rich and vibrant environment in the Oklahoma City metro area. With outstanding amenities, outdoor activities and a low cost of living, Norman is a perennial contender on the “Best Places to Live” rankings.

Innovation in Translational Health Care Technology

The Stephenson School of Biomedical Engineering collaborates closely with the Stephenson Cancer Center at the OU Health Sciences Center. The SCC is a National Cancer Institute designated cancer center and is the nation’s No. 1 cancer center for patient clinical trial accrual. Other research strengths at OU Health Sciences Center include diabetes, cardiovascular, aging, neuroscience, vision and musculoskeletal. We work closely with the Oklahoma Medical Research Foundation, which employs over 400 staff who study cancer, heart disease, autoimmunity and aging.

Since 2017, our doctoral students have launched three companies, highlighting the translational focus of the SBME research program. Regional entrepreneurship resources include Innovation to Enterprise and OK Bio.

In collaboration with the Institute for Biomedical Engineering, Science and Technology (IBEST) at OU, our students work closely with scientists, physicians and engineers. This collaborative multidisciplinary environment enables the translation of innovative ideas into health care technology.

Fellowships

Ph.D. student stipend minimum is $25,000.

Stephenson, Alumni and Foundation fellowships are available for qualifying students at $30,000.

Apply Online
ou.edu/coe/sbme/apply

Master of Science (with thesis) Program

Doctor of Philosophy (Ph.D.) Program

The fall application deadline is Dec. 31, 2020