

2018 SFB ANNUAL MEETING HIGHLIGHTS

2018 KEYNOTE SPEAKER



MEHDI RAZAVI, MD

*INNOVATIONS IN CARDIAC CARE:
A CLINICIAN'S ROLE*

Dr. Mehdi Razavi is Director of Electrophysiology Clinical Research and Innovation at the Texas Heart Institute. He attended medical school at the Medical College of Pennsylvania. He completed his residency, cardiology fellowship, and electrophysiology fellowship at the Mayo Clinic in Rochester,

Minnesota. He is an Associate Professor of Medicine at Baylor College of Medicine and is also an Adjunct Associate Professor at Rice University, Houston. He has over 20 patents to his name and currently has grant funding from the American Heart Association in collaboration with Rice University to study carbon nanotube fibers to improve function of diseased myocardium. He has several ongoing collaborations with Rice University, Texas A&M University, University of Houston and UCLA. He has founded multiple medical device startups including Saranas and Nanolinea and continues to pursue improvements in pacing technology and cardiac care.

2018 AWARD WINNERS

FOUNDERS AWARD



**Thomas Horbett, PhD,
University of Washington**

Awardee Address: Adsorption and Bioactivity of Adhesion Pwroteins: The Molecular Basis of Bodily Reaction to Foreign Materials

Friday, April 13, 2018
Plenary Session II,
8:00 am – 10:00 am
Salon Ballroom

TECHNOLOGY, INNOVATION & DEVELOPMENT AWARD



Harold Alexander, PhD, Orthogen

Awardee Address: Research, Development, and Commercialization of a Tissue Engineered Dental Implant Surface

Friday, April 13, 2018
Plenary Session II
8:00 am – 10:00 am
Salon Ballroom

FOUNDERS AWARD



**Andreas F. Von Recum, PhD,
Ohio State University**

Being awarded in absentia.



John Ricci, PhD, New York University

Awardee Address: Research, Development, and Commercialization of a Tissue Engineered Dental Implant Surface

Friday, April 13, 2018
Plenary Session II
8:00 am – 10:00 am
Salon Ballroom

C. WILLIAM HALL AWARD



Michael D. Wolf, MS, Medtronic, Inc

Friday, April 13, 2018
SFB Business Meeting
5:15 pm – 6:15 pm
Salon Ballroom

SOCIETY FOR BIOMATERIALS AWARD FOR SERVICE



Howard Winet, PhD

Friday, April 13, 2018
SFB Business Meeting
5:15 pm – 6:15 pm
Salon Ballroom



2018 AWARD WINNERS (CONTINUED)

CLEMSON AWARD FOR APPLIED RESEARCH



Mark W. Grinstaff, PhD,
Boston University

Awardee Address: Clinically Informed Biomaterials: Chemistry and Engineering

Thursday, April 12, 2018
Plenary Session I
8:00 am – 10:00 am
Salon Ballroom

CLEMSON AWARD FOR BASIC RESEARCH



Jason A. Burdick, PhD,
University of Pennsylvania

Awardee Address: Engineering Hydrogel Properties through Macromer Design

Thursday, April 12, 2018
Plenary Session I
8:00 am – 10:00 am
Salon Ballroom

CLEMSON AWARD FOR CONTRIBUTIONS TO LITERATURE



J. Paul Santerre, PhD, University of Toronto

Awardee Address: From cardiac failure to de novo vascularization of engineered tissue- Innovations in polyurethane biomaterials

Thursday, April 12, 2018
Plenary Session I
8:00 am – 10:00 am
Salon Ballroom

ACTA BIOMATERIALIA GOLD MEDAL



Jeff Hubbell, PhD
University of Chicago,
Institute for Molecular Engineering

Awardee Address: Glycomaterials for Engineering Immunity and Tolerance

Saturday, April 14, 2018
Plenary Session III
Salon Ballroom
8:00 am – 10:00 am

ACTA BIOMATERIALIA SILVER MEDAL



Ali Khademhosseini, PhD
University of California,
Los Angeles

Awardee Address: Recreating Human Physiology on a Chip: A Tale of Microreactors, 3D Printed Tissues and Real-Time Biosensors

Saturday, April 14, 2018
Plenary Session III
Salon Ballroom
8:00 am – 10:00 am

2018 AWARD WINNERS *(CONTINUED)*

YOUNG INVESTIGATOR AWARD



Susan Thomas, PhD,
Georgia Institute of Technology

Awardee Address: Engineered Biomaterials for
Immunotherapeutic Drug Delivery

Friday, April 13, 2018
Plenary Session II
8:00 am – 10:00 am
Salon Ballroom

STUDENT AWARD FOR OUTSTANDING RESEARCH, UNDERGRADUATE



Justin X. Zhong,
University of Texas at Austin

Awardee Address: Poster 841 Tunable
Poly((methacrylic acid)-co-acrylamide)
Nanoparticles through Inverse Emulsion
Polymerization

STUDENT AWARD FOR OUTSTANDING RESEARCH, PhD CANDIDATE

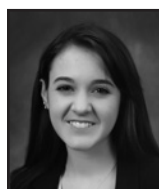


Alysha P. Kishan, Texas A&M University

Awardee Address: Development of Bi-Modal, in
Situ Crosslinking Method to Achieve Multi-factor
Release from Electrospun Gelatin

Wednesday, April 11, 2018
Drug Delivery: Tissue Engineering
4:35 pm - 4:40 pm

C. WILLIAM HALL SCHOLARSHIP



Jenna Mosier - Mississippi State University

CATO T. LAURENCIN TRAVEL FELLOWSHIP



**Mary Omotoso - North Carolina A & T
State University**



Leo L. Wang, University of Pennsylvania

Awardee Address: Injectable, MMP-responsive
Hydrogels for On-demand siRNA Delivery after
Myocardial Infarction

Thursday, April 12, 2018
Biomaterial Technologies for Precision Medicine
10:30 am - 12:15 pm 204/205



Timothy Mason - University of Connecticut