

Texas Biomaterials Day 2016 Report

1. Purpose of the event

The purpose of the 2016 Texas Biomaterials Day is to enhance networking between academic and industrial sectors and increase student exposure to exciting biomaterials research.

2. Number and names of universities and industry partners participating

We had participation from 20 institutions, including 12 academic institutions, 2 military medical institutions, 1 research institution, 2 hospitals, and 5 industry partners:

Acelity, Inc.
Malvern Instruments
Naval Medical Research Unit San Antonio
Rice University
Rochal Industries
S.R.K.R. Engineering College
Southwest Research Institute
StemBioSys, Inc.
TA-ElectroForce
Texas A&M University
Texas State University
The University of Texas at Austin
Trinity University
United States Army Institute of Surgical Research
University of Colorado Boulder
University of North Carolina at Chapel Hill
University of Texas at Austin
University of Texas at San Antonio
University of Texas Health Science Center at Houston
University of Texas Health Science Center at San Antonio

3. Event highlights

- Excellent keynote talk by Dr. Christopher Bowman, the Patten Endowed Chair and Distinguished Professor of the Department of Chemical and Biological Engineering at the University of Colorado, Boulder on polymer structural design.
- Cutting-edge research presented by Dr. Jeanne Stachowiak, from the University of Texas at Austin, on the application of membrane biophysics on encapsulation.
- The event was organized in the large ballroom of the H-E-B University Center, with tables for refreshments set up in the poster display area to initiate stimulating conversations.
- Great and thought-provoking discussion on the development of regenerative medicine therapeutics using biologics by industry speakers: Dr. Sy Griffey from StemBioSys and Dr. Kris Kieswetter from Acelity. This allowed students to appreciate the regulatory and process control hurdles in bringing biomaterials research to clinical applications.
- Top quality posters. We had 40 posters presented.
- Very well-prepared "Rapid Fire" presentations by the authors of the top 10 poster abstracts.

4. Number of attendees

We had 115 attendees.

5. Names of sponsors

Society for Biomaterials
TA Instruments
Malvern Instruments

SouthWest Research Institute

6. Names and contact information of organizers

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7. List of speakers

Keynote Lecture: Christopher Bowman, University of Colorado at Boulder
Mark Appleford, University of Texas at San Antonio
Benjamin Corona, United States Army Institute of Surgical Research
Sy Griffey, StemBioSys
F. Kurtis Kasper, University of Texas Health Science Center at Houston
Kris Kieswetter, Acclivity, Inc.
Jian Ling, SouthWest Research Institute
Amita Shah, University of North Carolina at Chapel Hill
Jeanne Stachowiak, University of Texas at Austin

8. Names of any awardees (student speakers, poster sessions, etc.)

Best Overall Presentation, Graduate Student: Avinash Gadok, University of Texas at Austin

Best Abstract, Graduate Student: Sarita Shah, Rice University

Best Oral Presentation, Graduate: David Spencer, University of Texas at Austin

Poster Award: John Clegg, University of Texas at Austin

Poster Award: Faraz Jivan, Texas A&M University

Poster Award: Kristen Means, Texas A&M University

Poster Award: Tugba Ozel, Texas State Univeristy

Poster Award: Angela Wagner, University of Texas at Austin

Poster Award: Lindsay Woodard, Texas A&M University