

## Report on Event

The University of South Dakota Biomaterials Day: October 3, 2014

**Purpose of the Event:** The purpose of the event was to bring awareness to the upper Midwest Region about biomaterials. Many attendees had previously been unaware of the effect biomaterials has had on biomedical research and the medical industry. We also wanted to bring together researchers involved in translational research from bench-top to community. This event also gave students the opportunity to connect with each other, researchers, and members from business, as well as showcase their work in a poster session.

**Number and names of universities and industry partners participating:** We had The University of South Dakota, South Dakota State University, Augustana College, North Dakota State University, University of Nebraska, Sioux Falls Career and Technology Academy, Northeastern University, Medtronic, Sanford School of Medicine, Omegaquant, Alumend, Avera, Sanford Research, Small Business Innovation Research and Small Business Development Center, SD Biotech Association, South Dakota Innovation Partners, Antimicrobial Materials, Inc. and Bose ElectroForce.

**Event Highlights:** Our Keynote Speaker was the highlight of the event! Dr. Thomas Webster, Northeastern University, travelled from Boston, Maryland to provide the Keynote Lecture at Biomaterials Day. As the 2014 President-elect of the U.S. Society for Biomaterials, Dr. Webster was wonderful to talk to and gave us advice on how to further develop our future Biomaterials program. He talked about nanomedicine with an emphasis on many different technologies that have already been used, and could further be developed in the future. The poster session was also very successful in networking and starting conversations with attendees. The participants in the poster session engaged their audience and answered questions. The Bose ElectroForce Booth was a popular hit with an instrument on display that everyone stopped by to view and ask questions about!

**Number of Attendees:** 51 attendees.

**Sponsors:** The Society For Biomaterials, Bose ElectroForce, South Dakota Biotech Association, South Dakota Innovation Partners, and The University of South Dakota.

### **Name and Contact Information of Organizers:**

- Wei Lv, Biomaterials Day Co-Chair: email: [Wei.Lv@coyotes.usd.edu](mailto:Wei.Lv@coyotes.usd.edu)
- Jacob Miszuk, Biomaterials Day Co-Chair: [Jacob.Miszuk@coyotes.usd.edu](mailto:Jacob.Miszuk@coyotes.usd.edu)

### **List of Speakers:**

#### **Session I: Keynote and Plenary Lecture**

- Keynote Speaker: Dr. Thomas Webster, Northeastern University, President-elect of the U.S. Society for Biomaterials
- Plenary Speaker: Dr. Ram Mahato, University of Nebraska
- Plenary Speaker: Dr. Alan Young, South Dakota State University

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**Session II:**

- Dr. Ranjit Koodali, University of South Dakota \*Poster Judge
- Dr. Sanku Mallik, North Dakota State University \*Poster Judge
- Gregory Bertsch: Antimicrobial Materials Inc.

**Session III:**

- Kyle Hays, Medtronic Inc.
- Ann Spaans, University of South Dakota \*Poster Judge

**Name of Poster Session Awardees:**

1<sup>st</sup> place: Eagappanath Thiruppathi; Tied 2<sup>nd</sup> place: Jordan Anderson ; Tied 2<sup>nd</sup> place: Abby Malmanger and Lexie Mohror Tied 3<sup>rd</sup> place: Jordan Kuiper; Tied 3<sup>rd</sup> place: Yangxi Liu