



Alabama State University
Boston University
Bryn Mawr College
New Jersey Institute of Technology
University of Pennsylvania
University of Texas at Austin
Washington University in St. Louis

Agenda

Second Annual Site Visit

The NSF Science and Technology Center for Engineering MechanoBiology

Location: LRSM Building, 3231 Walnut Street

U Penn, Philadelphia, PA

DAY 1: Wednesday, October 24, 2018

- 7:45 a.m. – 8:15 a.m. Travel to LRSM Building (*Reading Room*)
Light breakfast will be served
- 8:15 a.m. – 8:30 a.m. Welcome and Introductions
Vijay Kumar, Dean, Penn Engineering (15 min)
- 8:30 a.m. – 10:45a.m. Overview of CEMB
- CEMB Accomplishments
Vivek Shenoy, Penn (30 min + 15 min Q&A)
 - CEMB organization, management and building our culture
Richard Assoian, Penn (30 min + 15 min Q&A)
 - Educating a diverse mechanobiology workforce
Rebecca Wells, Penn (30 min +15min Q&A)
- 10:45 a.m. – 11:05 a.m. NSF executive session/coffee break (*CEMB Conference Room, 112A LRSM*)
- 11:05 a.m. – 12:35 p.m. Integrated research goals, outcomes, and accomplishments: Session I
- How do cells remember their mechanical environment??
Robert Mauck, Penn (20 min + 10 min Q&A)
 - Promoting knowledge transfer in research and education
Guy Genin, WashU (20 min + 10 min Q&A)
 - Cross-cutting and Emerging Technologies
Chris Chen, Boston University (20 min + 10 min Q&A)
- 12:35 p.m. – 2:00 p.m. Lunchtime poster session with graduate students (**Site Team only**)
2nd Floor Towne BLDG, (Raisler Lounge)
- 2:00 p.m. – 2:30 p.m. NSF executive session/coffee break
CEMB Conference Room, 112A LRSM



Alabama State University
Boston University
Bryn Mawr College
New Jersey Institute of Technology
University of Pennsylvania
University of Texas at Austin
Washington University in St. Louis

Wednesday, October 24, 2018 (continued)

- 2:30 p.m. – 4:30 p.m. Integrated research goals, outcomes, and accomplishments: Session II
- Research talk
Treana Arinzeh, NJ Inst. of Technology (10 min+ 5 min Q&A)
 - Seed grantee talk
Melike Ladadamayali, Penn (10 min+ 5 min Q&A)
 - How do cells adapt to and change their mechanical environment?
Paul Janmey, Penn (20 min+ 10 min Q&A)
 - Building a diverse mechanobiology workforce
Derrick Dean, Alabama State (20 min + 10 min Q&A)
 - How do cells sense their mechanical environment?
E. Michael Ostap, Penn (20 min+ 10 min Q&A)
- 4:30 p.m. – 5:00 p.m. Evaluation
Lizanne DeStefano, GA Tech (30 min)
- 5:00 p.m. – 5:15 p.m. Wrap-up
- 5:15 p.m. – 6:15 p.m. NSF executive session followed by critical feedback to the PIs and a list of questions that require clarification. NSF team to White Dog Café for dinner.
- 6:15 p.m. – (late) PIs : dinner and evening work session on response to NSF feedback

DAY 2: Thursday, October 25, 2018

- 7:45 a.m. – 8:15 a.m. Travel to LRSM BLDG , 3231 Walnut Street
CEMB Conference Room, 112A LRSM
Light breakfast will be served
- 8:00a.m. – 9:00 a.m. Meeting with administrators
Aaron Bobick, Dean, WashU School of Engineering and Applied Science
Jonathan Epstein, Chief Scientific Officer, Penn School of Medicine
Moshe Kam, Dean, NJIT College of Engineering
Vijay Kumar, Dean, Penn Engineering
Kennedy Wekesa, Dean, Alabama State College of Science, Technology, Engineering and Mathematics
- 9:00 a.m. – 10:00 a.m. CEMB's response to critical feedback (Steering Committee)
- 10:00 a.m. – 4:00 p.m. Site review team prepares site visit report
CEMB Conference Room, 112A LRSM
Working lunch will be served