

# 2018 Symposium

## NSBE's 44th Annual Convention in Pittsburgh, PA

### Address

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#### **Omni William Penn Hotel**

530 William Penn Place  
Pittsburgh, PA15219

### Accomodations

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#### **Kimpton Hotel Monaco**

620 William Penn Place,  
Pittsburgh, PA 15219  
\$226.86 (including taxes and fees)

## Schedule

March 23, 2018

- 7:45 am      **Networking Breakfast**
- 8:45 am      **Welcome and University of Pittsburgh Remarks**
- 9:00 am      **Cell Engineering and Biomaterial Strategies for Tissue Engineering**  
Josephine Allen  
University of Florida, MSE
- 9:35 am      **Engineering Tools to Study the Cardiac Microenvironment**  
Samuel Senyo  
Case Western Reserve University, BME
- 10:10 am     **Coffee Break**
- 10:40 am     **Mechanisms of Tissue Destruction in Engineered Living Systems**

Manu Platt  
Georgia Institute of Technology, BME

- 11:15 am **Let There Be Light! Optical Tools for Human Health**  
Audrey Bowden  
Stanford University, EE
- 11:50 am **Luncheon**
- 1:05 pm **Creating Useful Nanostructured Soft Materials by Directed Self-Assembly**  
Chinedum Osuji  
Yale University, CEE
- 1:40 pm **Large-Scale Simulation of Solid-Liquid Interfaces Under Realistic Conditions for Energy Conversion and Storage**  
Ismaila Dabo  
Penn State University, MSE
- 2:15 pm **Coffee Break**
- 2:45 pm **Coupling Molecular Design to Structure and Activity of Sequence-Defined Macromolecules**  
Christopher Alabi  
Cornell University, CBE
- 3:20 pm **Hybrid Thin Film Deposition by Matrix-Assisted Pulsed Laser Evaporation**  
Adrienne Stiff-Roberts  
Duke University, ECE
- 4:30 pm **Travel to University of Pittsburgh**  
Location: Shuttles
- 4:50 pm **University of Pittsburgh Tour**  
Location: PITT
- 6:00 pm **Poster Session, Light Hors D'oeuvres**  
Location: PITT

# March 24, 2018

7:45 am      **Networking Breakfast**

8:45 am      **Building Your Brand**

Samuel Graham, Georgia Institute of Technology  
Rosalind Wynne, Villanova University

Fostering public/private partnerships that provide significant value to your research program.

9:35 am      **Tenure Process at Research Universities**

C. Fred Higgs III, Rice University  
Shawn Blanton, Carnegie Mellon University

Breaking the code of the tenure review process and elucidating key strategies for strong dossier preparation.

9:35 am      **Interdisciplinary Research**

Lynford Goddard, University of Illinois at Urbana-Champaign

Translating your research beyond the boundaries of your specific discipline, and maximizing the impact and innovation engine of your program.

10:25 am     **Coffee Break**

10:55 am     **Managing Research Groups**

Tahira Reid, Purdue University

Implementing effective strategies for managing your research team to maximize productivity, including leadership training, effective communication tools, building a shared vision, and conflict resolution.

11:45 am     **Interviewing And Negotiating**

Monique Head, Morgan State University

Demystifying the art of navigating the academic job market with a focus of interview tips and negotiation tactics.

12:35 pm     **Paths To Professorship Success, Luncheon**

Raheem Beyah, Georgia Institute of Technology  
Ralph Etienne-Cummings, Johns Hopkins University

Charting your own pathway to a successful academic career.

1:50 pm

**Engaging Your Chair and Dean Effectively**

Stephanie Luster-Teasley, North Carolina A&T State University

Engaging and maintaining a healthy relationship with senior administration at your university.

2:40 pm

**Candid Discussion on the Low Numbers of AA Women as Full Professors in Engineering**

Rhonda Franklin, University of Minnesota

3:30 pm

**Closing Reception, Light Hors D'oeuvres**