

Pre-Meeting Event

Sunday, October 25, 2015

- 4:00 – 6:00 PM** **Early Registration in the mezzanine outside the Thurgood Marshall Ballroom**
- 2:30 – 7:30 PM** **Classical Concert at the National Gallery of Art Followed by Dinner
(students and postdocs only)**

Agenda Day 1

Monday, October 26, 2015

8:30 AM – 6:30 PM

- 7:00 – 8:30 AM** **Registration and Continental Breakfast**
- 7:30 – 8:20 AM** **Women in Energy Science Breakfast, Lincoln 5**
- Moderator: Robin Hayes, Program Manager in DOE Office of Basic Energy Sciences
- Pat Dehmer, Acting Director of the DOE Office of Science
- Cynthia Friend, Professor at Harvard University and Director of the IMASC EFRC
- Sunita Satyapal, Director of the DOE Fuel Cell Technologies Office

Plenary Session

Thurgood Marshall Ballroom

Moderator: Harriet Kung, Director of the DOE Office of Basic Energy Sciences

- 8:30 – 8:45 AM** **Welcome**
Pat Dehmer, Acting Director of the DOE Office of Science
- 8:45 – 9:15 AM** **Perspectives on Science and Energy in the US DOE**
Lynn Orr, DOE Undersecretary for Science and Energy
- 9:15 – 9:45 AM** **Current and Future Energy Landscape**
David Daniels, Chief Energy Modeler of the U.S. Energy Information Administration
- 9:45 – 10:15 AM** **BESAC Report: Challenges at the Frontiers of Matter and Energy**
George Crabtree, Senior Scientist, Distinguished Fellow at Argonne National Laboratory
- 10:15 – 10:45 AM** **Break**
- 10:45 – 11:15 AM** **Stakeholder Perspective on the Role of EFRCs in Energy Science Research**
Eric Isaacs, Provost of the University of Chicago
- 11:15 AM – 11:40** **Announce finalists of the Student and Postdoctoral Researcher Competition and winners of the Poetry of Science Contest**
Andrew Schwartz, Team Lead of the EFRCs

11:40 – 1:10 PM **Lunch (buffet lunch provided)**

12:00 – 1:00 PM **“Learn at Lunch” Sessions**

1. **Scientific Communication in the Age of Social Media, Lincoln 5**
 - **Marshall Brennan**, Graduate Student at University of Illinois
 - **Bethany Brookshire**, Science education writer at Science News
 - **Yury Gogotsi**, Professor at Drexel University and member of the FIRST EFRC
 - **Eric Schulze**, Molecular biologist and host of ‘Ask Smithsonian Online’
2. **Career Panel, Lincoln 3/4**
 - **Kumar Challa**, Managing Director IMASC EFRC, Harvard University
 - **Robin Hayes**, Program Manager, Department of Energy, Basic Energy Sciences
 - **Alex Martinson**, Principle Investigator and Chemist, Argonne National Laboratory
 - **Maureen McCann**, Professor of Biological Sciences at Purdue University and Director of the C3Bio EFRC
 - **Hunter McDaniel**, CEO and Founder of UbiQD LLC, former member of the CASP EFRC

1:10 – 2:50 PM **Parallel Talks Session I**

- A. Energy Storage, *Thurgood Marshall E/N*
- B. Solar Energy Conversion, *Thurgood Marshall S/W*
- C. Control at the Level of Electrons, *Lincoln 2*
- D. Carbon Sequestration, *Lincoln 6*
- E. Materials and Chemistry by Design, *Lincoln 5*
- F. Catalysis, *Lincoln 3/4*

2:50 – 3:20 PM **Break**

3:20 – 5:00 PM **Parallel Talks Session II**

- A. Energy Storage, *Thurgood Marshall E/N*
- B. Solar Energy Conversion, *Thurgood Marshall S/W*
- E. Materials and Chemistry by Design, *Lincoln 5*
- F. Catalysis, *Lincoln 3/4*
- G. Synthesis of Functional Matter, *Lincoln 2*
- H. Bioscience, *Lincoln 6*

5:00 – 6:30 PM **Poster Session I (refreshments provided), Exhibition Hall C (Lincoln Rooms)**

6:30 PM **Adjourn**

6:30 – 7:30 PM **Science Trivia Night (students and postdocs only), Lincoln 3/4 and Lincoln 5**

Agenda Day 2

Tuesday, October 27, 2015
8:30 AM – 5:00 PM

7:30 – 8:30 AM **Registration and Continental Breakfast**

8:30 – 10:10 AM **Parallel Talks Session III**

- A. Energy Storage, *Thurgood Marshall E/N*
- B. Solar Energy Conversion, *Thurgood Marshall S/W*
- E. Materials and Chemistry by Design, *Lincoln 5*
- F. Catalysis, *Lincoln 3/4*
- I. Separations, *Lincoln 2*
- H. Bioscience, *Lincoln 6*

10:10 – 10:40 AM **Break**

10:40 – 12:00 PM **Parallel Talks Session IV**

- B. Solar Energy Conversion, *Thurgood Marshall S/W*
- C. Control at the Level of Electrons, *Lincoln 2*
- D. Carbon Sequestration, *Lincoln 6*
- E. Materials and Chemistry by Design, *Lincoln 5*
- F. Catalysis, *Lincoln 3/4*
- J. Mesoscale Science, *Thurgood Marshall E/N*

12:00 – 1:30 PM **Lunch (buffet lunch provided)**

12:20 – 1:20 PM **“Learn at Lunch” Sessions**

1. **EFRCs and Industry: Experiences, Challenges, and Opportunities, *Lincoln 5***
 - **Dionisios Vlachos**, Professor at the University of Delaware and Director of the CCEI EFRC
 - **Mahdi Abu-Omar**, Professor at Purdue University and Associate Director of the C3Bio EFRC
 - **Tobin Marks**, Professor at Northwestern University and member of the ANSER and CEES EFRCs
 - **Ted Calverley**, Fellow at Dow Chemical and member of the ICDC EFRC
2. **Science Policy Panel, *Lincoln 3/4***
 - **Diana Bauer**, Director, Office of Energy Systems Analysis and Integration at DOE Office of Energy Policy and Systems Analysis (EPSA)
 - **Paul Doucette**, Executive Director of Government Relations at Battelle
 - **Matt Hourihan**, Director of the R&D Budget and Policy Program at the American Association for the Advancement of Science (AAAS)

2015 EFRC PI Meeting October 26-27, 2015 Wardman Park Hotel

1:30 – 3:10 PM

Parallel Talks Session V

- A. Energy Storage, *Thurgood Marshall E/N*
- B. Solar Energy Conversion, *Thurgood Marshall S/W*
- D. Carbon Sequestration, *Lincoln 6*
- E. Materials and Chemistry by Design, *Lincoln 5*
- F. Catalysis, *Lincoln 3/4*
- G. Synthesis of Functional Matter, *Lincoln 2*

3:10 – 5:00 PM

Poster Session II, *Exhibition Hall C (Lincoln Rooms)*

4:00 PM

Announce winners of the *Graduate Student and Postdoctoral Researcher Competition, Area outside Lincoln 5*

5:00 PM

Adjourn