

## Biological and Environmental Research Advisory Committee (BERAC)

Gaithersburg Marriott Washingtonian

November 2-3, 2017

### **November 2, 2017**

- 8:30 – 9:00 Welcome and member introductions and comments
- 9:00 – 9:30 News from the Office of Science – Dr. Steve Binkley, Acting Director, Office of Science
- 9:30 – 10:00 News from BER – Dr. Sharlene Weatherwax, Associate Director
- 10:00 – 10:15 BREAK
- 10:15 – 10:45 News from Climate & Environmental Sciences Division – Dr. Gary Geernaert
- 10:45 – 11:15 News from Biological Systems Science Division – Dr. Todd Anderson
- 11:15 – 11:45 Report from BSSD Committee of Visitors – Dr. Andrzej Joachimiak (ANL)
- 11:45 – 1:00 LUNCH ON YOUR OWN
- 1:00 – 2:00 BERAC Science Talk: *Predicting Extreme Climate with Earth System Models: A Top-Down Look at the Southern Great Plains* – Dr. Minghua Zhang (Stony Brook University)
- 2:00 – 2:30 Facility update: ARM – Dr. Jim Mather (PNNL)
- 2:30 – 3:00 Early Career Science Talk: *Detection and Attribution of Regional Climate Change with a Focus on the Precursors of Droughts* – Dr. Celine Bonfils (LLNL)
- 3:00 – 3:15 BREAK
- 3:15 – 4:15 Introduction and talks from new Bioenergy Research Center Directors
- 4:15 – 5:15 Review, Discussion, and Vote on *Grand Challenges* Report – Dr. Gary Stacey
- 5:15 – 5:30 Discussion and public comment
- 5:30 ADJOURN

### **November 3, 2017**

- 8:30 – 9:00 Briefing: Exascale Computing Project – Dr. Doug Kothe (ORNL)
- 9:00 – 9:30 Briefing: Council of Competitiveness Workshop: Advancing US Bioscience – Dr. Mary Maxon (LBNL)
- 9:30 – 10:00 Briefing: Plant Genome Interagency Working Group – Dr. Cathy Ronning (BER)
- 10:00 – 10:15 BREAK
- 10:15 – 10:45 Briefing: Microbiome Interagency Working Group – Dr. Angela Records (USAID)
- 10:45 – 11:45 BERAC open discussion and next steps – Dr. Gary Stacey
- 11:45 – 12:00 Public comment
- 12:00 ADJOURN