

Biological and Environmental Research Advisory Committee (BERAC) meeting
Gaithersburg Marriott Washingtonian
April 20-21, 2017
Agenda

April 20, 2017

- 8:30 – 9:00 Ethics briefing – BERAC members only
- 9:00 – 9:30 Welcome and member introductions and comments
- 9:30 – 10:00 News from the Office of Science – Dr. Steve Binkley, Acting Director
- 10:00 – 10:30 News from BER – Dr. Sharlene Weatherwax, Associate Director
- 10:30 – 10:45 BREAK
- 10:45 – 11:15 News from Climate & Environmental Sciences Division (CESD) – Dr. Gary Geernaert
- 11:15 – 11:45 News from Biological Systems Science Division (BSSD) – Dr. Todd Anderson
- 11:45 – 12:00 Response to CESD Committee of Visitors recommendations – Dr. Gary Geernaert
- 12:00 – 1:30 LUNCH ON YOUR OWN
- 1:30 – 2:30 BERAC Science presentation: Environmental and Hormonal Signals that Control Synthesis of Specialized Metabolites to Modulate Plant Development – Dr. Gloria Muday
- 2:30 – 3:00 ARM Antarctica project – Dr. Dan Lubin, Scripps Institution
- 3:00 – 3:15 BREAK
- 3:15 – 3:45 Workshop Briefs: Exascale ASCR-BER Requirements Workshop and Advancing Cross-Cutting Ideas for Computational Climate Science (AXICCS) report – Drs. Dorothy Koch and Ramana Madupu
- 3:45 – 4:15 Center for Nanophase Materials Science: Technical Capabilities and Research Areas – Dr. Hans Christen, Oak Ridge National Laboratory
- 4:15 – 5:30 *Grand Challenges for Biological and Environmental Research: A Long-Term Vision* update and discussion – Dr. Gary Stacey
- 5:30 – 5:45 Discussion and public comment
- 5:45 ADJOURN

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- 8:30 – 9:00 JGI facility update – Dr. Nigel Mouncey, Joint Genome Institute
- 9:00 – 9:30 Early Career science presentation: Repurposing the Yeast Peroxisome for Compartmentalizing Heterologous Pathways – Dr. John Dueber, UC-Berkeley
- 9:30 – 10:00 Office of Science review of DOE lab LDRD – Dr. Karin Remington
- 10:00 – 10:15 BREAK
- 10:15 – 10:45 NGEE Arctic project – Dr. Stan Wullschleger, Oak Ridge National Laboratory
- 10:45 – 11:15 Workshop Brief: Technologies for Characterizing Molecular and Cellular Systems Relevant to Bioenergy and Environment – Dr. Paul Adams, Lawrence Berkeley National Laboratory
- 11:15 – 12:15 BERAC open discussion and next steps
- 12:15-12:30 Public comment
- 12:30 ADJOURN