

Biological and Environmental Research Advisory Committee (BERAC)
Spring Meeting
Marriott Washingtonian Center
9751 Washingtonian Boulevard, Gaithersburg, Maryland 20878
April 25-26, 2019

AGENDA

Thursday, April 25

- 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, Deputy Director for Science
- 10:00 – 10:30 News from BER – Dr. Sharlene Weatherwax, Associate Director
- 10:30 – 10:45 BREAK
- 10:45 – 11:15 News from Biological Systems Science Division – Dr. Todd Anderson
- 11:15 – 11:45 News from Climate & Environmental Sciences Division – Dr. Gary Geernaert
- 11:45 – 1:00 LUNCH ON YOUR OWN
- 1:00 – 2:00 BERAC Science Talk: *Functional Genomics of Populus Growth and Development*
– Dr. Amy Brunner, Virginia Tech
- 2:00 – 2:30 Workshop Report: Breaking the Bottleneck of Genomes: Understanding Gene
Function across Taxa – Dr. C. Robin Buell, Michigan State University
- 2:30 – 2:45 BREAK
- 2:45 – 3:15 NAS Report: Gaseous Carbon Waste Streams Utilization – Dr. Michael Burkart,
University of California, San Diego [*remote*]
- 3:15 – 4:00 NAS report: Sexual Harassment of Women – Dr. Frazier Benya, NAS
- 4:00 – 4:45 Discussion
- 4:45 – 5:00 Public comment
- 5:00 ADJOURN

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Friday, April 26

- 9:00 – 9:30 Early Career Science Talk: *River-floodplain Dynamics: The Role of Structure, Function, and Evolution in Earth System Science* – Dr. Joel Rowland, LANL
- 9:30 – 10:00 Workshop Report: Disturbance and Vegetation Dynamics in Earth System Models – Dr. Lara Kueppers, LBNL
- 10:00 – 10:30 Workshop Report: Leveraging Distributed Research Networks to Understand Watershed Systems – Dr. James Stegen, PNNL
- 10:30 – 10:45 BREAK
- 10:45 – 11:15 Workshop Report: Genome Engineering for Material Synthesis (GEMS) – Dr. Caroline Ajo-Franklin, LBNL
- 11:15 – 11:45 Discussion
- 11:45 – 12:00 Public comment
- 12:00 ADJOURN