

Department of Energy
Office Science
Biological and Environmental Research Advisory Committee Meeting
November 13-14, 2003
American Geophysical Union, 2000 Florida Avenue, N.W., Washington, DC 20009

Thursday, November 13

- 8:30 - 9:30 **Ray Orbach**, Director, Office of Science
- 9:30 - 10:30 **Mark Humayun**, Professor of Ophthalmology & Biomedical Engineering,
University of Southern California
The Artificial Retina Project
- 10:30 - 10:45 BREAK
- 10:45 - 11:45 **Chris Stubbs**, Professor of Physics, Harvard University
Computational Aspects of Medical Imaging
- 11:45 - 12:30 **Pat Dehmer**, Associate Director for Basic Energy Sciences, Office of Science
Nanoscience and Hydrogen Initiatives
- 12:30 - 2:00 Lunch, on your own
- 2:00 - 2:45 **Jim Mahoney**, Assistant Secretary of Commerce for Oceans and Atmosphere,
Department of Commerce
The U.S. Climate Change Science Program: Strategic Planning to Implementation
- 2:45 - 3:30 **David Conover**, Director, Climate Change Technology Program,
Department of Energy
U.S. Climate Change Technology Program
- 3:30 - 3:45 BREAK
- 3:45 - 4:45 **Ari Patrinos**, Associate Director for Biology and the Environment, Office of Science
- 4:45 - 5:15 **John Zachara**, Associate Director for Environmental Dynamics and Simulation,
Pacific Northwest National Laboratory
Report on Biogeochemistry Grand Challenge
- 5:15 - 5:30 New Business, Public Comment, Adjourn
- 6:00 - 8:00 No host dinner at AGU, Dinner Speaker **Kei Koizumi**, American Association for the
Advancement of Science – Research and Development in the FY 2004 Federal Budget

Friday, November 14

- 8:30 - 9:30 Updates on Current BERAC Charges
- **Michelle Broido/Jim Tiedje**, New Field Research Centers
 - **Michelle Broido**, Review of Mesoscale Research Needs for Subsurface Science
 - **Gene Bierly**, BER Committee of Visitors
 - **Gene Bierly**, Atmospheric Science Program Reconfiguration
 - **Steve Larson**, Status of Medical Imaging Report

9:30 - 10:00 **Andre Syrota**, Director of Life Sciences, French Atomic Energy Commission

10:00 - 11:00 **Dan Rokhsar**, Science Talk, Head, Computational Genomics, Joint Genome Institute

11:00 - 11:45 **Eddy Rubin**, Director, Joint Genome Institute,
Production Genomics Facility as a User Facility

11:45 - 12:00 New Business, Public Comment, Adjourn