

DOE/NSF EPSCoR Program Review 2007

U.S. Department of Energy

Experimental Program to Stimulate Competitive Research (DOE-EPSCoR)

*Sponsored by U.S. Department of Energy & the National Science Foundation
“Renewable Energies for a Global Economy”*

July 22 – 25, 2007

Denver Marriott West, Golden, CO

Hosted by the National Renewable Energy Laboratory (NREL)

Agenda

Sunday, July 22, 2007

3:00 pm – 6:00 pm Early Registration

5:00 pm– 7:00 pm Reception/Mixer
Hosted by Battelle

Monday, July 23, 2007

7:00 am – 8:00 am Registration/ Continental Breakfast

8:10 am – 8:30 am Welcome and Introductory Remarks
Welcome to NREL – **Ray Stults**, Associate Director Energy Sciences,
National Renewable Energy Laboratory

Kristin Bennett, Program Manager, U. S. Department of Energy
EPSCoR Office

8:30 – 9:10 Opening Plenary Session
The Global Energy Challenge – **George Crabtree**, Argonne National
Laboratory

9:10 – 9:50 Energy and Nanostructured Materials – Scientific
Challenges in the Hydrogen Economy – **Mildred S. Dresselhaus**,
Massachusetts Institute of Technology

9:50 – 10:15 Break

10:15 – 10:45 Overview of Department of Energy’s Energy Efficiency and Renewable
Energy Program – **Robert Hawsey**, Director Energy Efficiency and
Renewable Energy Program, Oak Ridge National Laboratory

10:45 – 11:15 National Renewable Energy Laboratory Overview –
Bob Garrett, Associate Director Strategic Development & Analysis,
National Renewable Energy Laboratory Director, National Renewable
Energy Laboratory

11:15 – 11:45 NREL Biomass Program Overview –**Tom Foust**, Biomass
Program Manager, National Renewable Energy Laboratory

11:45 – 12:00 Tour Logistics – Ray Stults

- 12:00 pm – 1:15 pm Luncheon Speaker – **Art Vailas**,
President, Idaho State University
- 1:15 – 2:00 The Challenges and Opportunities for Solar Research -
Larry Kazmerski, Director, National Center for
Photovoltaics, National Renewable Energy Laboratory
- 2:00 pm – 5:00 pm Concurrent Activities
Poster Set-up
- 2:00 – 3:00 Tour of NREL Biomass and Solar R&D Facilities
- 3:30 – 5:00 Tour of NREL Biomass and Solar R&D Facilities
- 5:00 pm – 7:00 pm Poster Session/Networking Mixer
-Students/Faculty/Staff Poster Session
-NREL Lab S&T and Staffing recruiting displays
-EPSCoR State Displays
-Lab, Facilities and Center Displays

*****Dinner on Own*****

Tuesday, July 24, 2007

- 7:30am – 8:20 am Registration/Continental Breakfast
- 8:30 am – 9:15 am Climate Modeling: A Tool for Examining Climate Change Options
for Mitigation and Adaptation - **Warren Washington**,
Senior Scientist and Head of Climate Change Research,
National Center for Atmospheric Research
- 9:15 am – 10:00 am Climate Change 2007: Key Results of The IPCC Working Group
One Assessment - **Susan Solomon**, Senior Scientist, National
Oceanic & Atmospheric Administration /Earth System Research
Laboratory (NOAA/ESRL) Chemical Sciences Division
- 10:00 am – 10:30 am Break
- 10:30 am – 12:30 pm **Panel – Partnering with National Laboratories and Centers**
Introduction: Opportunities in the ‘Post-Academic’ World –
Thomas Vogt, University of South Carolina, Director USC
NanoCenter
- Panel Discussion/Question & Answer**
Chair: Richard Bajura, West Virginia University – Director,
West Virginia DOE EPSCoR
- Laboratory Introduction: “Working with DOE National
Laboratories” – **Ray Teller**, Argonne National Laboratory
- Laboratory Representatives**
Jim Brainard – National Renewable Energy Laboratory
Marie Garcia – Sandia National Laboratory
Bruce Harmon – Ames Laboratory

Alan Hurd/Everett Springer – Los Alamos National Laboratory
Dave Koppenaal – Pacific Northwest National Laboratory
Harold Myron – Argonne National Laboratory
Robert Neilson – Idaho National Laboratory
Christie Nelson – Brookhaven National Laboratory
Frank Ogletree – Lawrence Berkeley National Laboratory
Bob Romanosky – National Energy Technology Laboratory
Judy Trimble/Robert Hawsey – Oak Ridge National Laboratory
John Ziagos – Lawrence Livermore National Laboratory

Panel Members for Q & A

State Representatives

Gary April – Alabama
Stephen Borleske – Delaware
Fred Choobineh – Nebraska
Barbara Kimball – New Mexico

*Panel Discussion/Question & Answer session will be continued Wednesday
10:30-12:00 pm with Concurrent Laboratory Breakout Sessions*

- 12:30 pm – 1:30 pm Luncheon Speaker - From Carbon Sequestering to Landmine Detection, Pollinators Do It All - **Jerry Bromenshenk**, Adjunct Research Professor, Biological Sciences, University of Montana, Missoula
- 1:30 pm – 2:30 pm Wind Technology Program Overview –**Michael Robinson**, Deputy Director, National Wind Technology Center, National Renewable Energy Laboratory
- Ocean Renewable Technology –**Walter Musial**, Lead, Marine and Offshore Energy, National Wind Technology Center, National Renewable Energy Laboratory
- 2:30 pm- 5:00 pm Tour – National Wind Technology Center
- 6:00 pm – 9:00 pm *****Dinner *****
 Outdoor Barbeque – Genesee Park
 Featuring the Grass Roots Review Band
 Hosted by Midwest Research Institute
- Wednesday, July 25**
- 7:30am – 8:20 am Networking – Continental Breakfast
- 8:30 am – 9:15 am Strategic Planning and Energy Initiatives in DOE Basic Sciences - **Eric Rohlfig**, Division Director of the Chemical Sciences, Geosciences and Biosciences Division, Office of Basic Energy Sciences, Office of Science, U. S. Department of Energy
- 9:15 am – 10:00am Supporting the Convergence of National Energy Needs with Agricultural Sector Energy Capabilities – **Eldon Boes**,

AAAS/ASME Congressional Fellow, Senate Committee on
Agriculture, Nutrition and Forestry

- 10:00 – 10:10 Breakout Orientation – Kristin Bennett
- 10:10 am – 10:30 am *****Coffee Break*****
- 10:30 am – 11:30 am Concurrent Breakout Sessions -Partnering with National Labs
[Discussions on user facilities and successful lab/university
collaborations]
- 11:30 - Noon Summary Remarks and Meeting Adjourns – Kristin Bennett &
Ray Stults

**DOE EPSCoR Program Directors Working Group
Satellite Meeting
Wednesday, July 25
1:00 pm – 5:00 pm
Lunch – Provided**

- 1:00- 1:15 pm DOE/EPSCoR
- 1:15- 2:15 pm New Implementation Award Presentations
Eric Grulke- University of Kentucky
Hemant Pendse- University of Maine
John Xiao- University of Delaware
Bob Dalton- University of New Hampshire
- 2:15- 3:00 pm DOE EPSCoR News & Updates, Website, Reporting, Budget,
New Solicitations & Awards - **Kristin Bennett**, DOE EPSCoR Program
Manager
- 3:00- 5:00 pm Program Director Discussion/Questions & Answer
- 5:00 pm Meeting Adjourns