



15th Annual Kentucky EPSCoR Statewide Conference

Science's Grand Challenges

Monday, May 24, 2010

Hyatt Regency Lexington, Lexington, KY

AGENDA

- 7:30 – 8:20 am** Registration, Poster Set-up, & Continental Breakfast
- 8:20 – 8:30** Opening remarks - Rick Kurzynske, Director & Nancy Martin, Chair KY EPSCoR
- 8:30 – 9:15** **Grand Challenges for Engineers and Scientists**
*Randy Atkins - Director, Grand Challenges for Engineering Project
National Academy of Engineering, The National Academies*
- 9:15 – 10:00** **The DOE Hydrogen and Fuel Cell Technology Program**
*John Turner - Research Fellow, Energy Sciences
National Renewable Energy Laboratory (NREL)*
- 10:00 – 10:30** **Break**
- 10:30 – 10:45** **Video Showcase**
Micro Nano Technology Center at U of L
Environmental Research Institute at ECU
- 10:45 – 11:30** **Evolving Homeland Security R&D Priorities**
*Michael Matthews - Program Manager/Analyst Meteorologist
U.S. Dept of Homeland Security Science & Technology Directorate*
- 11:30 – 12:15** **Ten Questions (and Nine Answers) About State Science & Technology Plans**
*Albert Teich - Director, Science and Policy Programs
American Association for the Advancement of Science*
- Lunch** **Kentucky's Cyberinfrastructure Plan**
*John Connolly – Director, Computational Sciences, University of Kentucky
Project Director, Kentucky NSF EPSCoR*
- 1:30 – 3:00** **Poster session** - Desert served in poster area
- 2:30 - 5:00** Breakout sessions for KY EPSCoR Subcommittee programs:
- NSF
 - NASA
 - DOE

(See back of page for details on each session)

Breakout Session Agendas

KY NSF EPSCoR

John Connolly, Chair
University of Kentucky

- 2:30 - 2:45** Welcome & KY NSF EPSCoR Program Overview (**John Connolly** & KY NSF EPSCoR Staff)
- Update on RII Awards
- 2:45 - 2:55** Overview of KY NSF EPSCoR Track 2 Project (**Barbara Kucera**)
- 3:05 - 3:25** Center for Advanced Materials Initiative Overview (**Gang Cao et al**)
- 3:35 - 3:55** Ecological Genomics Initiative Overview (**Chris Schardl et al**)
- 4:05 - 4:25** Bioengineering Initiative Overview (**Andi Gobin, Marnie Saunders et al**)
- 4:35 - 4:55** KY NanoNET Initiative Overview (**Kevin Walsh et al**)
- 5:00** Adjourn

Time has been allotted after each initiative presentation for questions.

KY NASA EPSCoR & KSGC

Suzanne Weaver Smith, Chair & Director
Janet Lumpp, Co-Chair & Assistant Director
University of Kentucky

- 2:30 - 5:00** Update on Program Funding Status & New Directions
(detailed agenda will be handed out in session)
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KY DOE EPSCoR

Eric Grulke, Chair
University of Kentucky

- 2:30 - 3:00** Strategies for Successful DOE Proposals (***open to all conference attendees***)
- 3:00 - 5:00** Working Session for Current Implementation Award Renewal Proposal (***closed session***)