



Oklahoma EPSCoR Annual State Conference

**Thurman J. White Forum Building * University of Oklahoma * Norman, OK
April 29, 2010**

AGENDA

7:30 a.m. Registration & Continental Breakfast (Lobby and Lounge Area)

7:30 a.m. Participants Set Up Posters (Corridors A & B)

Opening Plenary Session (Forum Room, 2nd Floor)

8:30 a.m. Welcome & Introductions
James Wicksted, OK EPSCoR

8:40 a.m. "Adding Bioenergy to Oklahoma's Energy Portfolio"
Robert Wegener, Oklahoma Secretary of Energy

9:00 a.m. Glenn D. Johnson, Chancellor
Oklahoma State System of Higher Education

9:30 a.m. "Overcoming Biomass Recalcitrance at the Bioenergy Science Center"
Brian Davison, Oak Ridge National Laboratory

10:00 a.m. "DOE Perspective on Biofuels from Biomass"
Yon Wang

10:30 a.m. Break—15 Minutes

10:45 a.m. Breakout Sessions I

Advances in Perennial Grass Genetics for Bioenergy Production (Conf. Room A)

10:45 a.m. "Improvement of Switchgrass as a Bioenergy and Forage Crop"
Joe Bouton, Samuel Roberts Noble Foundation

11:10 a.m. "Molecular Approaches to Harness Plant Development Programs for Biomass Feedstock Improvement"
Million Tadege, Oklahoma State University

11:35 a.m. "Breeding Switchgrass and Genomic Research for Biofuel Feedstock Production"
Yanqi Wu, Oklahoma State University

AGENDA—Continued

Breakout Sessions I, Continued

Fungible Fuels from Biomass via Thermochemical Conversion I (Conf. Room B)

- 10:45 a.m.** “Evolution from Fuels to Biofuels”
Ed Sughrue, Conoco Phillips Company
- 11:10 a.m.** “Fast Pyrolysis for Biomass Conversion to Fungible Fuels”
Lance Lobban, University of Oklahoma
- 11:35 a.m.** “Catalytic Upgrade of Bio-Oil in Vapor and Liquid Phase to Improve Biofuel Production”
Daniel Resasco, University of Oklahoma

12:00 p.m. **Networking Lunch** (Forum Room, 2nd Floor)

12:15 p.m. **Lunch Guest Speakers**
NSF Representatives Pending

1:30 p.m. **Poster Session** (Corridors A & B)

3:15 p.m. **Breakout Sessions II**

Microbial Conversion of Lignocellulosic Feedstocks (Conf. Room A)

- 3:15 p.m.** “Clostridia: Microbial Engines of Bioconversion”
Chris Hemme, University of Oklahoma
- 3:40 p.m.** “Molecular Approaches for Optimization of the Conversion of Synthesis Gas to Liquid Biofuels by Novel Microbial Catalysts”
Brad Stevenson, University of Oklahoma
- 4:05 p.m.** “Biofuels and Bioproducts from Biomass-Generated Synthesis Gas”
Hasan Atiyeh, Oklahoma State University

Fungible Fuels from Biomass via Thermochemical Conversion II (Conf. Room B)

- 3:15 p.m.** “Biofuels: Unlocking the Potential”
Joseph Kocal, UOP LLC
- 3:40 p.m.** “Rational Approach Towards Novel Catalyst for Biofuels Production”
Friederike Jentoft, University of Oklahoma
- 4:05 p.m.** “Thermochemical Gasification Research at Oklahoma State University”
Ajay Kumar, Oklahoma State University

4:30 p.m. **Adjourn**