

DRAFT PROGRAM ---- Bioenergy Conference ----- DRAFT PROGRAM
Truman State University Campus - Kirksville, Missouri
December 4, 2009

December 3, 2009: Pre-Conference Tour (Optional; no extra charge)

1:30 P.M. – 4:30 P.M. – Crystal Peak Fertilizer (*methane digestors, nutrient recovery, organic fertilizer production*), Green City, MO (Vans will load at the Super 8 Motel parking lot)

December 4 Program Agenda

7:30 A.M. – 7:50 A.M. Registration; Coffee & Donuts (*Violette Hall (VH) Lobby*)

7:50 A.M. – 8:00 A.M. Welcome and Program Overview (*VH 1000*)

8:00 – 8:50 A.M. Keynote Address – Transitioning to a Sustainable World: Role of Bioenergy, *Dr. Norm Scott, Cornell University (VH 1000)*

8:50 – 9:30 A.M. Biofuels and Bioproducts from High Rate Algal Systems, *Dr. David Brune, University of Missouri (VH 1000)*

9:30 – 10:10 A.M. Alternative Oilseed Crops for Potential Bioenergy Use in the North Central Region, *Dr. Rob Myers, Thomas Jefferson Agricultural Institute (VH 1000)*

10:10 – 10:20 A.M. Break

10:20 – 11:00 A.M. Biomass Feedstock Production Engineering at the Energy Biosciences Institute, *Dr. Luis Rodríguez, University of Illinois (VH 1000)*

11:00 – 11:40 A.M. Biofuels and the Linkages between Energy and Agricultural Markets, *Dr. Patrick Westhoff, Food & Agricultural Policy Research Institute (FAPRI), University of Missouri (VH 1000)*

11:40 – 11:50 A.M. An Overview of Bioenergy Resources Available from ATTRA, *Leif Kindberg, Appropriate Technology Transfer for Rural Areas (ATTRA) (VH 1000)*

11:50 A.M. – 1:00 P.M. Lunch (*Student Union Bldg. (SUB) Georgian Room B*)

Publications Table: *Bioenergy Resources Available from ATTRA*

12:30 Luncheon Speaker: Dr. Jon Hagler, Director, Missouri Department of Agriculture (SUB Georgian Room B)

1:00 – 1:50 P.M. Breakout Session #1 (Choose 1)

1.1 Developments in Biomass Harvesting Equipment and Technology, *Mr. Bill Belden, Prairie Lands Bio-Products, Inc. (SUB Georgian Room C)*

1.2 Microalgae for Sustainable Energy and Environment, *Dr. Paul Nam, Missouri University of Science & Technology (SUB Down Under)*

1.3 Anaerobic Digestion: New Opportunities Through Integrated Applications, *Dr. Norm Scott, Cornell University (SUB Room 3202)*

2:00 – 2:50 P.M. Breakout Session #2 (Choose 1)

2.1 Modeling and Analysis of Biomass Feedstock Production Engineering, *Dr. Luis Rodríguez, University of Illinois (SUB Georgian Room C)*

2.2 How Policies and Energy Markets Affect the Biofuel Sector, *Dr. Patrick Westhoff, Food & Agricultural Policy Research Institute (FAPRI), University of Missouri (SUB Down Under)*

2.3 Methane Production and Nutrient Recovery at Crystal Peak Fertilizer Facility, *Mr. Brian Paulsen, Premium Standard Farms (SUB Room 3202)*

3:00 – 3:50 P.M. Breakout Session #3 (choose 1)

3.1 Algae for Biofuels and Bioproducts, *Dr. David Brune, University of Missouri (SUB Georgian Room C)*

3.2 Dedicated Biomass Crops: What to Grow When, Where and Why, *Nicholas Boersma, Iowa State University (SUB Down Under)*

3.3 **Oilseed or Biomass Topic presentation (TBA)**(SUB Room 3202)

4:10 -5:30 P.M. Hands-on Bioenergy Demonstrations and Exhibits, (*University Farm, 1.5 miles from main campus; see map*)

- Small-Scale Batch Biodiesel Processor, *Bulldog Biodiesel Student Enterprise, Kirksville, MO*
- Potential Biofuel Production Alternatives that Improve Farm Profitability and Enhance Wildlife Habitat and Soil and Water Conservation, *Reinbott, T., R.A. Pierce II, and R. Wright, MU Bradford Research and Extension Center and MU Department of Fisheries and Wildlife Sciences.*
- **Climate change, land use change: A practical demonstration of carbon sequestration;** *Michael Kelrick, Truman State University.*
- **Title TBA,** *Michael Goldschmidt, Dept. of Architectural Studies, University of Missouri.*
- Publications Table: *Bioenergy Resources Available from ATTRA*

5:30 P.M. Program Concludes

Saturday December 5, 2009

9:00 - 5:00 – (Optional) Missouri Livestock Symposium (MLS) – Renewable Resource Section – FREE – see MLS program at (<http://www.missourilivestock.com/>)