

CABER Seminar Series on Bioenergy Topics - ACES 501

Spring 2009

January

- 26** **"Introduction to the Center for Advanced BioEnergy Research (CABER)"**
Hans Blaschek, Director, CABER; Professor of Food Science and Human Nutrition, University of Illinois at Urbana-Champaign
- "Bioenergy Lifecycle and Sustainability"**
Jürgen Scheffran, Assistant Director of Education, CABER; ACDIS; EBI; Adjunct Associate Professor, Departments of Political Science and Atmospheric Sciences, University of Illinois at Urbana-Champaign

February

- 2** **"Producing Food, Feed and Fuel Sustainably — The Road Map for Biofuels"**
Martha A. Schlicher, Vice President, Technology and Business Development
GTL Resources USA Inc., Illinois River Energy, LLC
- 9** **"Adapting to Emerging Biomass Markets"**
Eric Rund, Farmer and Owner of International AGivities
- 16** **"An Economic Analysis of the Federal Renewable Fuel Standard (RFS)"**
Jay Kesan, J.D., Professor of Law, Director of U of I Program in Intellectual Property & Technology Law; and Mildred Van Voorhis Jones Faculty Scholar, College of Law, University of Illinois at Urbana-Champaign
- 23** **"Energy Solutions for the Transportation Sector"**
Alan Hansen, Associate Professor, Agricultural and Biological Engineering, Colleges of ACES and Engineering, University of Illinois at Urbana-Champaign

Public Welcome!

March

- 2** **"The Global Warming Impact of Corn Ethanol Production"**
Steffen Mueller, Principal Research Economist, Energy Resources Center, University of Illinois at Chicago
- 9** **"Venture Financing of Early Stage BioEnergy Companies – What is the State of the Market"**
James J. Greenberger, Partner, Reed Smith LLP
- 16** **"Wind Energy Trends in Illinois"**
Kevin Borgia, Executive Director, Wind for Illinois
- 30** **"Integrated Management of Reactive Nitrogen"**
Thomas Theis, Director, Institute for Environmental Science and Policy, University of Illinois at Chicago

April

- 6** **"Utilization of Co-Products from the Biofuels Industry in Swine Nutrition"**
Hans Stein, Associate Professor, Department of Animal Sciences, ACES, University of Illinois at Urbana-Champaign
- 13** **"Enabling Systems Informatics and Analysis for Biomass Feedstock Production and Delivery"**
Luis Rodriguez, Assistant Professor
Agricultural and Biological Engineering, Colleges of ACES and Engineering, Information Trust Institute, University of Illinois at Urbana-Champaign
- 20** **"Consolidated Bioprocessing for Improved Biomass Fuels and Chemicals Production"**
Jonathan Mielenz, Group Leader, Bioconversion Science and Technology, Biosciences Division, Oak Ridge National Laboratory
- 27** **"The Use of Enzymes in Bioenergy Production: Fundamentals and Advances"**
Bob Randle, Commercial Development, Fuel Ethanol Grain Processing Group, Genencor

May

- 4** **"Model-guided Metabolic Engineering for Biofuel Production"**
Nathan Price, Professor of Chemical and Biomolecular Engineering, Colleges of Liberal Arts & Sciences and Engineering, University of Illinois at Urbana-Champaign

All seminars are open to the public and will be held at 4 p.m. in the Monsanto Room of the ACES Library, 1101 S. Goodwin, Urbana

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Center for Advanced BioEnergy Research
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ILLINOIS
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

What is CABER?

The Center for Advanced BioEnergy Research (CABER) focuses on renewable bioenergy systems, including plant, microbial, downstream processing and economics and policy issues. CABER works closely with the nine colleges of the University of Illinois at Urbana-Champaign, multidisciplinary units, professional units, faculty and students to facilitate outreach, teaching and research in bioenergy and renewable resources.

A variety of scientists from a host of different disciplines across the U of I campus are partnered with CABER. Some of those units include: the College of Agricultural, Consumer and Environmental Sciences; College of Engineering; Liberal Arts and Sciences and the Institute of Genomic Biology.

CABER has also collaborated with other colleges and universities, including University of Illinois - Chicago, Southern Illinois University, Northwestern University, Argonne National Laboratory and Illinois community colleges.

CABER staff

Director, Hans Blaschek
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Assistant Director of Education, Jürgen Scheffran
Assistant Director for Extension and Outreach, Ted Funk
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Administrative Aide, Sue Overmyer

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Seminar Series in Bioenergy Research

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January 26 — May 4
4 p.m. Monsanto Room
ACES Library

