



UNL Biofuels and Bioproducts Symposium

Friday, September 18, 2015

Agenda (all events are held in the Nebraska Union)

Time	Event	Location
7:15 – 8:00 a.m.	Registration & Continental Breakfast	Regency Suite
8:00 – 8:15 a.m.	Welcome by Prem Paul, Vice Chancellor for Research and Economic Development	Auditorium
8:15 – 8:40 a.m.	Friedrich Sreenc, NSF Program Manager	
8:40 – 9:05 a.m.	“Cellulosome and Synthetic Biopathway Engineering” by Jiantao Guo, Assistant Professor, Chemistry	
9:05 – 9:30 a.m.	“Regulation of Growth and Energy Homeostasis in <i>Chlorella sorokiniana</i> , a New Model System for Algal Biotechnology” by Wayne Riekhof, Assistant Professor, School of Biological Sciences	
9:30 – 10:15 a.m.	Poster Session/Break 1	Heritage Room
10:15 – 10:40 a.m.	“Biofuel Leftovers and How Cattle Can Help” by Galen Erickson, Professor, Animal Science	Auditorium
10:40 – 11:05 a.m.	“Camelina as an Oilseed Platform for Advanced Metabolic Engineering and Synthetic Biology for Biofuel and High-Value Feedstock Production” by Edgar Cahoon, Professor, Biochemistry	
11:05 – 11:30 p.m.	“Valorization of Bioproducts through Heterogeneous Catalysis” by Barry Cheung, Associate Professor, Chemistry	
11:30 – 11:45 p.m.	Break	
11:45 – 12:45 p.m.	Invitation-Only Hosted Luncheon	Regency Suite,
12:45 – 1:10 p.m.	“Co-Synthesis of Bioenergy Proteins to Increase Microbial Biofuel Competitiveness” by Paul Blum, Professor, Biological Sciences	Auditorium
1:10 – 1:35 p.m.	“Microbial Metabolic Engineering” by Nicole Buan, Assistant Professor, Biochemistry	
1:35 – 2:00 p.m.	“Chemical Genetic Approaches to Potentiate Algal Lipid Production for Fuel” by Concetta DiRusso, Professor, Biochemistry	
2:00 – 2:30 p.m.	Poster Session/Break 2	Heritage Room
2:30 – 2:55 p.m.	“Mechanics of Plant Cell Walls Associated with Growth, Maintenance, and Degradation” by Joseph Turner, Professor, Mechanical and Materials Engineering	Auditorium
2:55 – 3:20 p.m.	“Potential Large Scale Industrial Applications of Soyproteins” by Yiqi Yang, Professor, Textiles, Merchandising and Fashion Design	
3:20 – 3:45 p.m.	“Value-Added Products from Biorenewable Reductants” by David Berkowitz, Professor, Chemistry	
3:45 – 4:10 p.m.	“Viruses and Algae: The Good and the Bad” by James Van Etten, Professor, Plant Pathology	
4:10 – 4:35 p.m.	“Lipid and Carbohydrate Metabolism in Green Algae from a Biofuel Production Perspective” by Heriberto Cerutti, Professor, School of Biological Sciences	
4:35 – 4:45 p.m.	Closing Remarks by Paul Blum, Associate Director, Nebraska Center for Energy Science Research and Professor, School of Biological Sciences	