



Ride the Wave

Integrating Biotechnology & Other Possibilities into Future Curriculum

Summer Instructor Institute

Iowa Lakes Community College

Emmetsburg, Iowa

NSF ATE: Biotechnology Curriculum Development and Dissemination
Grant DUE 0603308



Monday, June 15, 2009

Time	Room	Session	Room	Session
8:00-9:15 AM	3200	Registration begins. Will Provide Continental Breakfast		
9:30- 10:30 AM	3203	"Diagnosis and Management of Landscape Plant Problems" Jeff Isles, Department of Horticulture, Iowa State University	3209	"The Future of Agriculture and Technology", Emilio Oyarzabal, Technology Development Manager, Monsanto
10:45-11:45 AM	3204	"Creative Ideas for Incorporating Technology into Learning", Renee Jedlicka, Communications Professor, Iowa Lakes Community College	3209	"Wassup, Doc? You're Blinding Me with Science!", Mari Miller Burns, Assoc. Professor, Speech Communications, Iowa Lakes Community College
11:45-12:45 PM	3203	Welcome Greeting. Lunch will be provided.		
1:00- 2:00 PM	3203	"Soap Making", Jim & Freda Sojka, Simply Soothing Cold Process Soap Creator	3209	"Using Technology in the Classroom and Lab- Camera use in the Career and Technical Labs", Shane Conley, Motorcycle and Small Engine Instructor, Iowa Lakes Community College
2:15-3:15 PM	3203	Jeanette Mowery- Madison Community College (2 hour session)		
3:30-4:30 PM				
4:45-5:45 PM	3203	"Energy", Norm Olson, BECON Facility Director, Iowa Energy Center	3209	"Ag Management Service Learning", Keith Frick, John Deere
Dinner on your own. Please check your folio for restaurant options!				

Tuesday, June 16, 2009

Time	Room	Session	Room	Session
7:30-7:50 AM	3200	Registration begins. Will Provide Continental Breakfast		
8-8:50 AM	3203	"Putting Science into Practice", Rodger Main, Director at the Iowa State University Diagnostics Lab		
9-9:50 AM	3203	"National Centralized Ultrasound Processing Lab and Technology Center", Marvin Walter, President, Walker & Assoc, The National CUP LAB		
10-10:50 AM	3203	"Project Liberty", B.J. Schany, Commodity/ Biomass Manager, POET Biorefining		
11:00 AM	Executive Dining room to pick up sack lunch & Load bus for Sioux Center			
11:30 AM	Leave for TransOva in Sioux Center			
1:00-4:00 PM	TransOva, Mark Johnson, Director of Public Relations			
4:00/ 4:15 PM	Load bus for dinner at Minervas			
5:30 -6:45 PM	Dinner at Minervas, "Art of the Pasta"			
7:00-9:30 PM	The Queen II Excursion Boat Tour/ drive to Emmetsburg			

Wednesday, June 17, 2009

Time	Room	session	Room	session
7:30-7:50 AM	3200	Registration begins. Will provide Continental Breakfast		
8:00-9:00 AM	3203	"21st Century Agriculture- GMOs, Energy, and Others- Bioethical Concerns", Dr. Nels Granholm, Ph.D., Professor of Biology/Coordinator, SDSU's Global Studies Program, South Dakota State University	3209	"Cellulosic Ethanol", Michael Grapes, Student at State Fair Community College, MO
9:15-10:15 AM			3209	"Cool Things about DNA", Mike Zeller, Biotechnology Outreach Education Center Coordinator, Iowa State University
10:30-11:30 AM	3203	"Genetics", Martha Olson, Nursing Assistant Professor, Iowa Lakes Community College	3209	"Technology and the Swine Industry", Jill Kerber Aldous, Vice President and Director of Managed Swine Operations, Kerber Milling, Co.
11:45- 12:45 PM	3203	"Using a Crime Scene Case Study to Teach Biotechnology", Dr. LaRoy Brandt, Professor at State Fair Community College, MO	3209	"Fuel Management: Diesel and Biodiesel" Hoon Ge, Fuel Consultant, MEG Corp
	3200	Thanks for attending! Please report to 3200 to turn in materials and have a snack! Drive Safe!		