



Agenda

ASA North Central Branch Annual Meeting

July 22-24, 2009

Wisconsin Dells, WI

Wednesday, July 22

7:30 p.m. to 9:00 p.m. Registration and Reception; Graduate Student Social; Poster Mounting

Thursday, July 23.

7:00-8:00 am Continental Breakfast and Registration

8:00 a.m. Plenary Session

8:00 a.m. Dr. Mike Culy, NA Traits and Product Development Leader, Dow AgroSciences, **From Ag School to the Office: Leveraging Agronomic Talent in the Private Sector.**

8:25 a.m. Dr. Bill Tracy, Professor, Department Chair and Sweet Corn Breeder, Department of Agronomy, University of Wisconsin. **Training for Success as a Graduate Student in Plant Breeding and Genetics**

8:50 a.m. Dr. John Lamb, Professor and Director of Graduate Studies, Department of Soil, Water and Climate, University of Minnesota, **Training for Success when the Goal is Academic Employment in Agronomic Sciences**

9:15 a.m. Refreshment Break and Poster Viewing

9:30 a.m. Industry Panel (Recommendations for Graduate Students seeking possible employment in private industry):

Dr. Howard Brown, Growmark.

Dr. Marcus Jones, Technology Development Manager, Monsanto

Dr. Jeff Schussler, Research Scientist, Pioneer Hi-Bred Int'l. Ltd.

Mike Pitzer, Tactical Marketing Group, John Deere

Dr. Mike Culy, Traits and Product Development, Dow AgroSciences

These panel members will briefly present and discuss:

1. What would it be like to work in their company?
2. What is the value of advanced degree in the company? What would I be doing as a MS or Ph.D. graduate student that I wouldn't be able to do as an undergraduate student? What typically happens at the M.S. level?
3. Demand for research positions versus other options (e.g. sales agronomists). Opportunities for research positions or product development.

10:45 a.m. Graduate Student Oral Presentations

Eric K. Anderson, Aaron G. Hager, Thomas B. Voigt, and German A. Bollero, University of Illinois. **Eradication Studies in *Miscanthus x giganteus***

Ignacio A. Ciampitti, Purdue University. **Phosphorus dynamics and transformations associated with alternate fertilization treatments over a 7-year period in contrasting soils**

Michael Copas, Alvin J. Bussan, and Michael J. Drilias, University of Wisconsin-Madison. **Annual Cover Crop Strategies for Annual Vegetable Rotations**

Ana Wingeyer and Dan Walters, University of Nebraska-Lincoln. **Use of radiocarbon measurements to understand C dynamics among soil organic matter fractions**

Yanbing Xia and Tony J. Vyn, Purdue University. **Response of Glyphosate-resistant Soybean to Glyphosate Application and Manganese Fertilization**

- 12:15 p.m. **Lunch and Poster Viewing at Kalahari Resort**
- 12:55 p.m. **Depart by bus for Arlington Research Station, University of Wisconsin.**
- 1:55 p.m. **Welcome by Dr. Joe Lauer**
- 2:00-5:00 p.m. **Plot Tours with the Following Speakers and Themes:**
Dr. Joe Lauer: **Corn agronomy research in the northern Corn Belt**
Dr. Carrie Laboski: **N availability from treated manure.**
Drs. Matt Ruark/Larry Bundy: **Sustainability of long-term continuous corn cropping systems**
Dr. Natalia de Leon: **The Corn Silage and Bio-feedstock Breeding Program at University of Wisconsin**
Dr. Randy Jackson: **Ecosystem services in alternative cellulosic biofuels cropping systems**
Drs. Janet Hedtcke/Josh Posner: **The Wisconsin Integrated Cropping Systems Trial: Comparison of Conventional and Organic Systems 1990-2008.**
Dr. Emily Bernstein: **No-Tillage Winter Rye Cover Crop Systems for Organically-Managed Soybean Production.**
Dr. Shawn Conley: **Soybean response to plant stress.**
- 5:30 p.m. **Barbecue Catered in to the Arlington Research Center**
- 7:30 p.m. **Return by Bus to the Kalahari Resort**

Friday, July 24

- 7:00 a.m. **Continental Breakfast and Poster Viewing**
- 8:00 a.m. **NC ASA Business Meeting and Announcement of Graduate Student winners of oral and poster competitions**
- 8:20 a.m. **Dr. Ellen Bergfeld, CEO, American Society of Agronomy, "ASA: The Value of Membership"**
- 8:45 a.m. **Dr. Jeff Schussler, Research Scientist for Maize Stress Tolerance, Pioneer Hi-Bred Int'l, Inc. "Strategies for Improving Drought Tolerance in Maize"**
- 9:25 a.m. **Dr. Dan Walters, Professor, Agronomy and Horticulture Department, University of Nebraska-Lincoln, "Measurement and Management of Nitrogen Use Efficiency."**
- 10:00 a.m. **Refreshment Break and Poster Viewing**
- 10:15 a.m. **Dr. Kurt Thelen, Associate Professor and Extension Specialist, Michigan State University. "Ten Fundamentals Every Agronomist Should Know About Bioenergy."**
- 10:45 a.m. **Dr. Dale Blevins, Professor of Plant Sciences, University of Missouri. "More Hidden Hunger: Special Nutrient Needs of Plants Based on Their Structure and Function."**
- 11:20 a.m. **Dr. John Shanahan, Research Agronomist, USDA-ARS. "Nutrient Management in the age of Precision Agriculture."**
- 12:00 p.m. **Close of conference, and lunch on your own.**

Poster Presentations:

Hans Kandel, Burton Johnson, Chad Deplazes, George Linz, and Michele Santer, North Dakota State University. **Sunflower Treated with Anthraquinone as a Bird Repellent**

Ana Wingeyer and Dan Walters, University of Nebraska. **Quantitative Analysis of the Change in Humic Acid N Storage Under Conditions of Intense N Immobilization.**

Agustin Martellotto, University of Nebraska. **Carbon sequestration: imperative to compare soil C-stock changes on an equivalent mass basis**