

AGENDA

Below is the **FINAL** agenda, including the schedule for special meetings and workshops. If you have suggestions, please contact Andrew Scaboo (scabooa@missouri.edu) and we will try and accommodate.

REGISTRATION AND WEBSITE

Please visit <http://soybase.org/SBW/2015/registration/index.php> for details about the 2015 Soybean Breeders' Workshop. On the website, you can register for the meeting, book hotel rooms, register for the poster session, and download the latest agenda. Onsite registration will be in the Versailles foyer on Monday (10:30 am – 5:00 pm), Tuesday (7:00 am – 5:00 pm), and Wednesday (7:00 am – 10:30 am).

POSTER SESSION

There will be a poster session during the evening social hour on Tuesday February 17th in the Versailles 2 room from 5:30 pm to 6:30 pm. Anyone is welcome to display a poster. There will be a graduate student poster competition, sponsored by the commercial soybean breeders, during the poster session and **CASH** prizes will be awarded Wednesday morning (1st place = \$200, 2nd place = \$100, and 3rd place = \$50). Posters prepared for other meetings such as ASA and PAG are welcome. Please visit <http://soybase.org/SBW/2015/registration/posters.php> for more information.

RETIREMENTS, RECOGNITIONS, & ANNOUNCEMENTS

The floor is open to announcements at the specified time Wednesday morning. Please contact [Andrew Scaboo](#) if you would like to schedule the recognition of a colleague or make other announcements from the floor.

USB COMPOSITION WORKSHOP

In 2015, the USB Composition Workshop (USBCW) will be directly *after* the Soybean Breeders' Workshop (SBW) and thus begin Wednesday February 18th at 11:00 am in the St. Moritz room. The USBCW is open to the public and all participants in the 2015 SBW. There is no additional cost for attending the USBCW and hotel rates will remain the same as for the 2015 SBW. The USBCW will run until 10:30 am on Thursday February 19th, 2015.

BREAKFAST AND PANEL DISCUSSION

As a participant in the 2015 Soybean Breeders' Workshop, you are cordially invited to attend a breakfast sponsored by the Monsanto Women in Plant Breeding Network on Tuesday morning, February 17th, from 6:45 am to 7:45 am (Alpine I room) that includes a panel discussion on **“How to Launch and Develop a Successful Career in Plant Breeding and Agriculture as a Woman”**. Panelists are women in scientist or breeding positions from several agricultural companies and universities. Women bring a unique perspective to the workplace, and together we'll explore how to develop a career in the challenging, exciting, opportunity-filled environment of agriculture. Please come prepared to enjoy an early, discussion-filled morning thinking about yourself!

2015 SOYBEAN BREEDERS' & ENTOMOLOGISTS' WORKSHOP

Registration, Versailles Foyer:

Monday, Feb. 16th, 10:30AM - 5PM | Tuesday, Feb. 17th, 7AM - 5PM | Wednesday, Feb. 18th, 7 - 10:30AM

Workshop Coordinators:

Andrew Scaboo (Soybean Breeder), Univ. of Missouri - Overall planning and coordination
Curtis Scherder (Soybean Germplasm Lead), Monsanto Co. - Hotel arrangements
Mark Hayes (Soybean Breeder), Dow - Commercial Soybean Breeders Executive Committee Chair
Ben Fallen (Soybean Breeder), Clemson Univ. - Program Chair, Tuesday General Session
Jeremy Greene (Public Entomologist), Clemson Univ. - Co-Chair, Tuesday General Session

Monday February 16th, 2015 | Versailles 1 Room

| Start | End | Speaker | Topic |
|---|------|----------------------------------|---|
| 1:00 | 1:05 | Andrew Scaboo, Univ. of Missouri | Welcome and announcements |
| SESSION I: Genomic Selection CHAIR: Andrew Scaboo, Univ. of Missouri | | | |
| 1:05 | 1:45 | Rex Bernardo, Univ. of Minnesota | Let's Not Get Too Excited About Genomewide Selection in Plants |
| 1:45 | 2:25 | Bill Beavis, Iowa State Univ. | Criteria for Optimal Use of Genomic Selection in Plant Breeding Projects |
| 2:25 | 3:05 | Katy Rainey, Perdue Univ. | Learning from Data: An Example from SoyNAM |
| 3:05 | 3:25 | Break | |
| SESSION II: Intellectual Property: Implications on Public Plant Breeding CHAIR: David Walker, USDA-ARS | | | |
| 3:25 | 3:55 | Roger Boerma, GSDC | Georgia's Integrated Cultivar Release System: A Way Forward for Public Breeding |
| 3:55 | 4:25 | Erich Veitenheimer, Cooley LLP | IP Protection of Plant Inventions in Emerging Businesses: Balancing Disclosure and Return on Investment |
| 4:25 | 4:55 | Chunping Li, Monsanto Co. | A Private-Sector Perspective of IP and Plant Breeding |
| 4:55 | 5:00 | Andrew Scaboo, Univ. of Missouri | Announcements and Adjourn |

Tuesday Morning February 17th, 2015

Continental Breakfast | 7:00 am - 8:00 am | Versailles Foyer
Hosted by the Commercial Soybean Breeders

Breakfast and Panel Discussion | 6:45 am - 7:45 am | Alpine I Room
"How to Launch and Develop a Successful Career in Plant Breeding and Agriculture as a Woman."
Hosted by the Monsanto Women in Plant Breeding Network

Tuesday February 17th, 2015 | Versailles 1 Room

General Session

Chair, Public Breeder: Ben Fallen – Clemson Univ.
Co-Chair, Public Entomologist: Jeremy Greene – Clemson Univ.

| Start | End | Speaker | Topic |
|--|-------|---|--|
| 7:00 | 8:00 | Continental Breakfast, Versailles Foyer | |
| 8:00 | 8:05 | Ben Fallen, Clemson Univ. | General Introduction |
| SESSION I: Lepidoptera: A Metamorphosis in Management Strategies? | | | |
| CHAIR: Ted MacRae, Monsanto Co. | | | |
| 8:05 | 8:10 | Ted MacRae, Monsanto Co. | Session Overview and Purpose |
| 8:10 | 9:00 | David Kerns, Louisiana State Univ. | Important Leps in Soybeans and Summary of Management Strategies |
| 9:00 | 9:20 | David Walker, USDA-ARS | Challenges in Breeding for Resistance to Insects from Different Orders |
| 9:20 | 10:00 | Maria Ortega, Univ. of Georgia | QTL Pyramids for Effective Resistance to Chewing Insects. |
| 10:00 | 10:20 | Coffee Break | |
| 10:20 | 10:50 | Ted MacRae, Monsanto Co. | Managing Important Leps with Bt Soybeans |
| 10:50 | 11:20 | Samuel Martinelli, Monsanto Co. | IRM Considerations for Bt Soybean |
| 11:20 | 11:45 | Speaker Panel | Question/Answer – Session I |
| 11:45 | 1:00 | Lunch | |
| 1:00 | 1:05 | Ben Fallen, Clemson Univ. | Introduction and Announcements |
| SESSION II: Hemiptera: What's Bugging you? | | | |
| CHAIR: Tri Vuong, Univ. of Missouri | | | |
| 1:05 | 1:10 | Tri Vuong, Univ. of Missouri | Session Overview and Purpose |
| 1:10 | 2:00 | Sebe Brown, Louisiana State Univ. | Important True Bugs in Soybeans and Summary of Management Strategies |
| 2:00 | 2:30 | Steven Clough, USDA-ARS | Soybean Response to Redbanded Stink Bug Feeding |
| 2:30 | 3:00 | John All, Univ. of Georgia | IPM Value of 'Benning' Insect Resistant Lines |
| 3:00 | 3:20 | Break | |
| 3:20 | 3:50 | Dechun Wang, Michigan State Univ. | Genetic Characterization and Breeding with Multiple Aphid Resistance Sources |
| 3:50 | 4:20 | Tom Clemente, Univ. of Nebraska | Strategies for Combating Aphids |
| 4:20 | 4:50 | Waseem Akbar, Monsanto Co. | Transgenic Control of Plant Bugs |
| 4:50 | - | Question/Answer, Announcements, Adjourn | |
| 5:30 | 6:30 | Social Hour & Poster Session, Foyer & Versailles 2 | |

Wednesday February 18th, 2015 | Versailles 1 Room

| Start | End | Speaker | Topic |
|-------|-------|--|---|
| 7:00 | 8:00 | Continental Breakfast, Versailles Foyer | |
| 8:00 | 8:05 | Andrew Scaboo, Univ. of Missouri Poster Committee | Welcome and Announcements Poster Winners Announced |
| 8:05 | 8:15 | Andrew Scaboo, Univ. of Missouri | SGC Report |
| 8:15 | 8:25 | Kristin Bilyeu, USDA-ARS | SoyGEC Report |
| 8:25 | 8:40 | David Grant, Iowa State Univ. | Soybase Update |
| 8:40 | 9:00 | <i>From the Floor</i> | <i>Retirements & Announcements</i> |
| 9:00 | 9:35 | Brian Diers, Univ. of Illinois | Nested Association Mapping of Agronomic Traits in Soybean |
| 9:35 | 10:10 | Thomas Carter, USDA-ARS | Searching the USDA Germplasm Collection for Climate Resilient Soybean: The USB Project on Drought, Heat, and Flood Tolerance |
| 10:10 | 10:45 | Randall Nelson, USDA-ARS | Exotic Germplasm to Increase Yield: Is It Ready for Prime Time? |
| 10:45 | 10:45 | Andrew Scaboo, Univ. of Missouri | |

SPECIAL MEETINGS and WORKSHOPS

Monday 02/16/2015

Soybase Workshop, David Grant | 8:30 am – 10:00 am | Alpine II room
 Soybean Germplasm Committee, Silvia Cianzio | 8:30 am – 9:30 am | Alpine I room
 Technicians Workshop, Troy Cary | 1:00 pm – 5:00 pm | St. Moritz and Bern room
 Commercial Soybean Breeders' Business Meeting, Mark Hayes | 5:30 pm – 6:30 pm | Alpine I room
 Soybean Genetics Committee, Andrew Scaboo | 7:00 pm – 8:00 pm | Davos room
 Quality Traits, George Graef | 8:00 pm – 9:00 pm | St. Moritz and Bern room

Tuesday 02/17/2015

Breakfast and Panel Discussion, Jennifer Yates | 6:45 am – 7:45 am | Alpine I room
 Continental Breakfast | 7:00 am – 8:00 am | Versailles Foyer
 Technicians Workshop, Troy Cary | 8:00 am – 12:00 pm | St. Moritz and Bern room
 Social Hour | 5:30 pm – 6:30 pm | Versailles Foyer
 Poster Session | 5:30 pm – 6:30 pm | Versailles 2 room
 Uniform Regional Testing: North, David Schlueter | 7:00 pm – 7:30 pm | Alpine II room
 SCN Regional Testing, Troy Cary | 7:30 pm – 8:00 pm | Alpine II room
 Uniform Regional Testing: South, Anne Gillen | 7:00 pm – 8:00 pm | Davos room

Wednesday 02/18/2015

Public-Private Southern Breeders' Meeting, Tommy Carter | 7:00 am – 8:00 am | Alpine II room

Agenda for USB Composition Workshop

February 18th and 19th, 2015 | St. Louis, MO | Sheraton Westport Chalet Hotel

Wednesday, February 18th – St. Moritz Room

| | |
|----------------|--|
| 11am to noon | USB High Oleic Breeding project update |
| 12:00 – 1:20pm | Lunch (on your own) |
| 1:20 – 2:20pm | USB Stearic Acid project update |
| 2:20 – 3:20pm | USB Increased Oil Content project update |
| 3:20 – 3:40pm | Break |
| 3:40 – 4:40pm | USB Increased Protein Content and Amino Acids project update |
| 4:40 – 5:40pm | USB Carbohydrate Traits project update |
| 6:15pm | Dinner for USB composition project researchers (only) |

Thursday, February 19th – St. Moritz Room

| | |
|-----------------|---|
| 8:00 – 8:10am | Introduction to this session |
| 8:10 – 8:30am | Update on DuPont/Pioneer High Oleic program – Steve Schnebly, Pioneer |
| 8:30 – 8:50am | Meal Quality Trait Varieties at Schillinger Genetics – John Schillinger, Schillinger Genetics |
| 8:50 – 9:10am | USB Value Task Force update – Dan Corcoran, USB Farmer-Director |
| 9:10 – 9:25am | Panel discussion on Integration of Quality Traits into the Marketplace |
| 9:25 – 9:45am | Break |
| 9:45 – 10:05am | Research Analysis of Protein and Oil Content in Private and Public Varieties – George Graef, Univ. of Nebraska |
| 10:05 – 10:25am | Field Analysis of Protein and Oil Content of Varieties in Illinois – Chris Schroeder, Centrec Consulting Group |
| 10:25 – 10:30am | Wrap-up – Kelly Whiting, USB |