TUESDAY, AUGUST 5
Mixer featuring Par 4 Jazz Quartet - 7:00-9:00 pm Dublin/Belfast

WEDNESDAY, AUGUST 6

NAPB and PBCC "BUSINESS" MEETINGS 8:00 - noon

GENERAL SESSION Elizabeth Lee (NAPB President), and Pat Byrne (PBCC Chair)

presiding - Salons A-D

8:00 Opening remarks (E. Lee, P. Byrne)
8:05 Welcome (Michael A. Schmitt, Ph.D., Associate Dean, College of Food, Agricultural and Natural Resource Sciences. University of Minnesota)
8:10 Election of officers –(L. Lee)
8:25 NAPB General Session (L. Lee)
8:45 PBCC General Session (P. Byrne)
9:05 Instruction for Committee sessions (L. Lee)


BREAK & Exhibits and Poster set up. 10:05-10:25 am- Dublin/Belfast

10:25 Committee reports - Barry Tillman and Jamie Sherman presiding

• Advocacy (Bill Tracy)
• Communications (Wayne Smith)
• Education (David Francis)
• Graduate Students (Duke Pauli)
• Membership (Don Cummings)

11:15 Election Results (B. Tillman and J. Sherman)
11:20 Plant breeding working group and NIFA update (Ann Marie Thro, USDA)
11:35 Industry update (Andy Lavigne, American Seed Trade Association)
11:50 2015 Meeting (Jim McFerson)

LUNCH 12:00 - Grand Courtyard

RESEARCH PRESENTATIONS- AWARDEES. (Salons A-D)

1:00 From Depression Era Mules to the Moon and Back: My Lifetime with Cotton. Lifetime Awardee- Johnie Jenkins, USDA/ARS, Genetics and Precision Agriculture
1:25 Ten Things a Successful Plant Breeder Understands. Impact Awardee- Roger Boerma, Georgia Seed Development, Athens, GA
1:50 Plant Breeding Approaches and Technologies for Challenges in Agriculture: A View from a Texas Maize Breeding Program. Early Career Awardee- Seth Murray, Texas A & M

MINI-PRESENTATIONS: POSTERS AND SPONSORS (David Stelly)

2:15 1-minute poster introductions Even posters (Al-Jaser, Boontung, Campbell, Fakthongphan, Gifford, Guerrero-Chavez, Latshaw, Li, Mahan, Masor, McLoud, Moore, Niroula, Ortiz, Pauli, Rasul, Sallam, Singh, Smallwood, Sykes Yesudasan)
2:40  1.5 minute introductions from Platinum and Gold Sponsors (AgReliant, Bayer, Douglas Scientific, Dow AgroSciences, SeedWorld, LGC, Monsanto, Pioneer hi-Bred, TCAP )

POSTER AND SPONSOR SESSION - 3:00 evens - Dublin/Belfast
4:30  1-minute poster introductions Odd posters (Anderson, Bian, Bubert, DeSantis, Falcon, Gilbert, Levina, Liabeuf, May, Nasseer, Park, Ramírez-Madera, Sater, Smeda, Tiede, Tseng, Xiong)

BREEDING FOR TOLERANCE TO WATER STRESS (Celeste Falcon)
4:55  Flood Tolerant in Rice. David J. Mackill, Mars, Incorporated; UC Davis; International Rice Research Center
5:20  Drought tolerant tropical maize development and delivery in sub-Saharan Africa: CIMMYT’s experience and perspective. BW Prasanna, CIMMYT (International Maize and Wheat Improvement Center), Nairobi, Kenya
5:45  Enhancing alfalfa forage productivity during drought. Ian Ray, New Mexico State University

ADJOURN FOR DINNER  6:10  (on your own)

THURSDAY, AUGUST 7TH

VISIT/TOUR SYNGENTA STANTON, MN STATION
6:30  Grab and Go Breakfast. Grand Foyer
7:00  Depart hotel to Syngenta

“LUNCH TO GO”  12:00 - bus back to hotel

GRADUATE STUDENT TALKS (Leah Ruff)
1:15  Phenotypic evaluations of heat tolerance and fruit quality traits in segregating black raspberry (Rubus occidentalis L.) populations in North Carolina. Christine Bradish, North Carolina State University
1:35  Multi-environment analyses of winter wheat heading date across the US. Great Plains: Can we better optimize genotypes for specific environments? Sarah Grogan, Colorado, State University
1:55  General combining ability model for genome-wide selection in a biparental cross. Amy Jacobson, University of Minnesota

POSTER AND SPONSOR SESSION II-  2:15 odds Dublin/Belfast

CONTROLLING GENOTYPE X ENVIRONMENT INTERACTIONS (Tyler Tiede)
3:25  A Practical Approach for Understanding Genotype by Environment Interactions. Chad Geater, Syngenta Seeds, Slater IA
3:50  Potential to using remote sensing tools to screen germplasm. Jerry Hatfield, National Laboratory for Agriculture and the Environment, USDA/ARS, Ames, IA
4:15  Genomic Selection: Training Populations and GxE. Mark Sorrells , Cornell University
PHENOTYPING AND PHYSIOLOGICAL RESPONSES TO WATER STRESS  
(Araby Belcher)

4:40 Taking advantage of physiological priming in crops: breeding for greater  
acclimation to drought. Diane Rowland, University of Florida

5:05 The stress-induced synthesis of cytokinin regulates the coordination of C and N  
metabolism resulting in enhanced drought tolerance in rice transgenic plants.  
Maria Reguera, University of California, Davis

5:30 Improving drought tolerance of hard winter wheat through the Triticeae  
Coordinated Agricultural Project (T-CAP). Pat Byrne, Colorado State University

ADJOURN 5:55

BANQUET / 2014 AWARDS / PLENARY LECTURE (Barry Tillman)

6:30 Cash Bar. Grand Foyer
7:00 Dinner. Grand Ball Room
8:00 2014 NAPB and PBCC Awards (Phil Simon)
8:20 Recent Lessons in Drought Risk Management. Michael Hayes, University of  
Nebraska-Lincoln

FRIDAY MORNING, AUGUST 8TH

UNIVERSITY OF MINNESOTA FIELD DAY
6:30 Grab and Go Breakfast. Grand Foyer
7:00 Depart

“LUNCH TO GO” 12:00 - bus back to hotel

CLOSING SESSION/LAST MINUTE BUSINESS. 1:00 - Barry Tillman, Jamie Sherman.  
Salons A-D

CONCURRENT WORKSHOPS
1:40 Private Breeding Perspective Workshop – (Duke Pauli) Salons AB  
Rita Mumm, University of Illinois  
Ron Ferris, Syngenta Seeds, Stanton, MN  
Jane Dever, Texas A & M  
Elliot Heffner, Pioneer Hi-Bred, Des Moines, IA  
Chad Geater, Syngenta Seeds, Slater IA

1:40 Tools to model and optimize Plant Breeding. William Beavis, Iowa State University  
(Michael Gore) Salons CD

CLOSE OF MEETING 4:00