MONDAY, AUGUST 15

**Experiment Station Tour**

- **7:30** load buses Marriott City Center
- **9:00** Upper Coastal Plain Research Station, Nobles Mill Pond Road, Rocky Mount
  - **Peanut Breeding** - Tom Isleib, NCSU
  - **Tobacco Breeding** - Ramsey Lewis, NCSU
- **10:15** load buses
- **11:30** Lunch, West Gordon Street, Kinston
- **12:30** load buses
- **1:45** Horticultural Crops Research Station, 2450 Faison Highway, Clinton
  - **Melon & Stevia Breeding** - Todd Wehner, NCSU
  - **Sweetpotato Breeding** - Craig Yencho, NCSU
- **3:00** load buses
- **4:15** Central Crops Research Station, 13223 U.S. 70 Business, Clayton
  - **Soybean Breeding** - Tommy Carter, USDA-ARS NCSU
  - **Cotton Breeding** - Vasu Kuraparthy, NCSU
- **5:30** load buses
- **6:00** arrive Marriott City Center
- **Set up Posters State Ballrooms A & B**
- **7:00** Welcome Reception - hor d’oeuvres
  - State Ballrooms C & D
- **10:00** Reception ends
TUESDAY, AUGUST 16
WELCOME, KEYNOTE, MINI-PRESENTATIONS, & POSTER SESSION #1

Presiding  
Charles Stuber, North Carolina State University Plant Breeding Consortium  
Marriott State Ballrooms C - F

8:00  
NAPB Opening Remarks, David Francis, President, NAPB

8:10  
PBCC Opening Remarks, Mike Gore, President, PBCC

8:20  
Cotton Incorporated Welcome, J. Berrye Worsham, President, Cotton Incorporated

8:40  
NCSU Welcome & Plant Science Initiative, Richard Linton, Dean,  
College of Agriculture and Life Sciences, North Carolina State University

9:20  
KEYNOTE Genetic Analysis and Genomic Prediction of Complex Traits in Maize,  
Jim Holland, USDA-ARS North Carolina State University

10:00  
coffee & tea

10:30  
Graduate Student Lightening Presentations:  Sudha Neupane Adhikari, Craig Bell,  
Ben Stewart-Brown, Silas Childs, Dramadri I., Ammani Naidu Kyanam, Anna Levina,  
Fanna Maina, Marcus Olatoye, Mohammad Mokhlesur Rahman, Trevor Rife  
Mingqin Shao, Clinton J. Steketee, Lynn Veenstra, and Trevor D. Walker

11:00  
Poster Session # 1, State Ballrooms A & B

12:00  
Lunch, State Ballrooms C - F

PRESENTATIONS, MINI-PRESENTATIONS, POSTER SESSION #2, & SCC80

Presiding  
Julia Kornegay, Professor of Horticultural Science, North Carolina State University  
Marriott State Ballrooms C - F

1:00  
The “Non-Plant Breeding” Part of a Successful Breeding Program,  
Wayne Hanna, University of Georgia

1:40  
The Path Forward for a Public Strawberry Breeding Program with a Powerful Legacy:  
Five Grand Challenges, Steve Knapp, University of California Davis

2:20  
Southern Pine Tree Improvement: Impact on Forest Productivity and Profitability for Landowners in the Southern US, Steve McKeand, North Carolina State University

3:00  
coffee & tea

3:30  
Graduate Student Lightening Presentations:  Pragya Adhikari, Muhsin Ibrahim Avci,  
Eduardo Bernal, QiuXia C. Chen, Austin Heine, Dylan Larkin, Justin Ma, Elliot Norden,  
McCamy Pruitt, Alexis Ramos, Nicholas Santantonio, Narinder Singh, Sarah Turner,  
Stephanie Verhoff, and Sufei Wang

4:10  
Poster Session #2, State Ballrooms A & B

5:10  
SCC80 PBCC State Representatives Work Session, Mike Gore, PBCC, Chancellor Room

7:00  
Al Myers NC BBQ dinner, City Market, Music by Acoustic Manner
WEDNESDAY, AUGUST 17

NAPB AWARD WINNERS, PRESENTATIONS, & SELECTED GRADUATE STUDENTS

Presiding  
Rita Mumm, Emerita Professor, University of Illinois  
Marriott State Ballrooms C - F

8:00  
2015 PLANT BREEDING IMPACT AWARD  
Scientific Learnings in America for Make Benefit Glorious Field of Plant Breeding, Rex Bernardo, University of Minnesota

8:40  
2015 EARLY CAREER AWARD  
Genes, Beans, and Wheat: A Journey in Plant Breeding, Jennifer Yates, Monsanto

9:20  
Opportunities and Obstacles for CRISPR in Soybean: Lessons Learned from the Inheritance of Transgenes and Targeted Mutations, Robert Stupar, University of Minnesota

10:00  
coffee & tea

10:30  
Development of Next Generation Breeding Methods and Value Added Products for Sweetpotato, Craig Yencho, North Carolina State University

11:10  
Development of the First Consensus Genetic Map for Intermediate Wheatgrass (Thinopyrum intermedium), Traci Kantarski, Kansas State University

11:25  
Discovery and Elucidation of Resistance to Bacterial Spot in an Accession of Wild Tomato Solanum pimpinellifolium, Debora Liabeuf, The Ohio State University

11:40  
A First Genetic Map of Sweet Basil Facilitated by ddRADseq, Robert Pyne, Rutgers University

12:00  
Lunch, State Ballrooms C - F

PRESENTATIONS, 2016 NAPB AWARDS, & BUSINESS MEETINGS

Presiding  
Allen Van Deynze, Associate Director of Plant Breeding Institute, UC-Davis  
Marriott State Ballrooms C - F

1:00  
Technologies and Prospective for Accelerating Plant Breeding, Luca Comai, University of California Davis

1:40  
The Innate Potato: How to Effectively Accelerate Genetic Improvement of Conventional Varieties, Nicolas Champouret, Simplot

2:20  
coffee & tea

2:50  
Increased Efficiency in a Plant Breeding Program Realized Through Reductions in Plant Generation Time, Ramsey Lewis, North Carolina State University

3:30  
Using Breeder Knowledge to Train Convolutional Neural Networks for High-Throughput Phenotyping of Complex Traits, Jesse Poland, Kansas State University

4:10  
Biofortification of Staple Food Crops for the Global South, Mike Gore, Cornell University

4:50  
2016 NAPB AWARDS ANNOUNCEMENT

5:10  
NAPB & PBCC Business Meeting and Working Groups, David Francis & Mike Gore

Advocacy – University Ballroom A  
Communications – University Ballroom B

Education – Chancellor Room  
Membership – University Ballroom C

7:00  
Neomonde Mediterranean Dinner, City Market, Music by Old Habits
THURSDAY, AUGUST 18th
SAS Institute & Cotton Incorporated Tours

8:15 Check out with luggage Marriott City Center
9:00 SAS Institute, Inc., 100 SAS Campus Drive, Cary

9:00 Cotton Incorporated, 6399 Weston Parkway, Cary

10:00 Product Development
Fiber Carding / Spinning
Digital & Laser Design

10:30 Load buses as groups switch between SAS & Cotton Incorporated
10:45 SAS Institute, Inc - box lunch provided at conclusion
10:45 Cotton Incorporated - box lunch provided at conclusion
12:15 Adjourn and depart for RDU airport