



*Please note that all time are listed in Central Standard Time (CST)*

**SUNDAY, AUGUST 16**

**PRE-CONFERENCE MEETING**

**TIME**

**WHAT**

9 am – 3 pm

Professional Development Workshop, Sponsored by Corteva Agriscience™ and Bayer©  
Crop Science, Invite Only

## MONDAY, AUGUST 17

TIME	WHAT
9:30 – 10 am	Opening Talk / Meeting Kick Off
10 am – Noon	<b>Session 1: Innovation in Education – Breeding Education &amp; Legal and Ethics Panel</b> <ul style="list-style-type: none"> <li>• <a href="#">Rich Horsely</a>, Barley Breeder and Department Head, North Dakota State University</li> <li>• <a href="#">Jovana Davidovic-Brown</a>, Ethicist, University of Iowa</li> <li>• <a href="#">Jean Cormack</a>, Biostatistician, Brown University, formerly with Garst, DeKalb, and Monsanto</li> <li>• <a href="#">Walter Suza</a>, Director of Plant Breeding and E-Learning in Africa, Iowa State University</li> <li>• <a href="#">Brandon Wardyn</a>, Corn Breeder and Zone Lead, Corteva</li> </ul>
12:30 – 1 pm	Coffee Break with Corteva
1 – 2:30 pm	<b>Session 2: Gene editing opportunities within the current global regulatory landscape</b> <ul style="list-style-type: none"> <li>• <a href="#">Fan-Li Chou</a> – VP, Scientific Affairs and Policy, ASTA, <i>Regulatory Policy Update on Gene Editing and Why It Matters</i></li> <li>• <a href="#">Getu Beyene Duguma</a> – <i>Role of Genome Editing to Enhance the Speed of Crop Improvement in Developing Countries</i></li> <li>• David Bubeck, Corteva – <i>Panelist</i></li> </ul>
2:30 – 3 pm	Coffee Break with AgReliant
3 – 4 pm	Poster Session 1
4 – 5 pm	Virtual Happy Hour

## TUESDAY, AUGUST 18

TIME	WHAT
9 am	GSWG Meet and Greet with African Plant Breeder Association (APBA) Graduate Students Social (all conference attendees invited)
10 am – Noon	<b>Session 3: Horticulture, Tree and Turf Breeding</b> <ul style="list-style-type: none"> <li>• <a href="#">Ismail Dweikat</a> – <i>Initial Efforts to Breed Hemp for NE and the Mid-west</i></li> <li>• <a href="#">Charlie Rohwer</a> – <i>Small-scale hop breeding for regional growers and brewers</i></li> <li>• <a href="#">Stacy Bonos</a> – <i>Breeding for salinity tolerance in perennial ryegrass</i></li> </ul>
Noon – 1 pm	Diversity Award Mentor & Mentee Social (by invite only)

Noon – 1 pm	Lunch Break
1 – 2:30 pm	<b>Session 4: Breeding for Quality Traits</b> <ul style="list-style-type: none"> <li>• <a href="#">Sherry Flint-Garcia</a> – <i>Exploring the Full Range of Zea for Food Quality Traits</i> <b>1 – 1:30 pm</b></li> <li>• <a href="#">Leandra Parsons</a> – <i>Quality Protein Popcorn: Hybrid Production and Selection</i> <b>1:30 – 1:50 pm</b></li> <li>• <a href="#">Mary Guttieri</a> – <i>2020 Vision for Improved Nutritional Quality of Wheat</i> <b>1:50 – 2:10 pm</b></li> <li>• <a href="#">Sean Finnie</a> – <i>Plot to Plate: building a high amylose wheat supply chain</i> <b>2:10 – 2:30 pm</b></li> </ul>
2:30 – 3 pm	Coffee Break with Inari
3 – 4 pm	Poster Session 2
4 – 4:30 pm	Coffee Break with Bayer Vegetable Seeds

## WEDNESDAY, AUGUST 19

TIME	WHAT
9:30 – 10 am	Coffee Break with Nature Source Improved Plants
10 am – Noon	<b>Session 5: Big Data, Phenotyping &amp; Genomic Selection</b> <ul style="list-style-type: none"> <li>• <a href="#">James Schnable</a> – <i>Prioritizing of Genes with Phenotypic Impact</i></li> <li>• <a href="#">George Graef</a></li> <li>• <a href="#">Jenna Hershberger</a>, Graduate Student <b>11:30 – 11:45 am</b></li> <li>• Jose Guillermo Chacon, Early Career Scientist <b>11:45 am – 12 pm</b></li> </ul>
Noon – 1 pm	Lunch Break
12:05 – 12:55 pm	Early Career Working Group - Meeting & Networking Event
1 – 2:30 pm	<b>Session 6: Plant Root and Leaf Microbiomes</b> <ul style="list-style-type: none"> <li>• <a href="#">Maggie Wagner</a> – <i>Evidence for an ecological mechanism of heterosis in maize</i></li> <li>• <a href="#">Jason Wallace</a> – <i>Understanding Genome-by-Genome Interactions with the Corn Microbiome</i></li> <li>• <a href="#">Daniel Schachtman</a> – <i>Variation in maize root exudates and their impact on root bacterial microbiomes</i></li> <li>• <a href="#">Tia Dunbar</a>, Graduate Student – <i>Optimization of In Planta Transformation Methods in Rice</i> <b>2:15 – 3 pm</b></li> </ul>
2:30 – 3 pm	Coffee Break with BASF

- 3 – 4:30 pm      **Session 7: Abiotic + Biotic Stress**
- [Harkamal Walia](#) – *The genetic basis of High Temperature Response in Cereals* **3 – 3:45 pm**
  - NIFA Session: [Parag Chitnis](#) – *NIFA Recent changes and future direction* **3:45 – 4:15 pm**
  - [Lucy Egan](#), Doctoral Candidate – *Identification of Founding Accessions and Patterns of Relatedness and Inbreeding Derived from Historical Pedigree Data in a White Clover Germplasm Collection in New Zealand* **4:15 – 4:30 pm**
- 5 pm              GSWG “TRIVIA!” Social for NAPB Graduate Students (all graduate students invited)

## THURSDAY, AUGUST 20

TIME	WHAT
10 – 11:30 am	<b>Session 8: Plant Breeding – Voices of Experience</b> <ul style="list-style-type: none"> <li>• <a href="#">Wayne Hanna</a> – <i>What makes a Good Cultivar</i> <b>10 – 10:30 am</b></li> <li>• <a href="#">Tom Hoegemeyer</a> – <i>Corn Breeding History: The Road from Teosinte to Genomic Selection</i> <b>10:30 – 11 am</b></li> <li>• <a href="#">Luis Verde</a> – <i>Corn Breeding, the path to 600bu/a</i> <b>11 – 11:30 am</b></li> </ul>
11:30 am – 12:30 pm	Awards Session <ul style="list-style-type: none"> <li>• NAPB Awards</li> <li>• Poster Awards</li> <li>• Borlaug Scholars</li> <li>• GSWG 3MT Competition Winning Videos</li> </ul>
1:30 – 3 pm	NAPB Business Meeting & Associated Committee Meetings <ul style="list-style-type: none"> <li>• Advocacy Committee</li> <li>• Membership Committee</li> <li>• Communications Committee</li> <li>• Education Committee</li> <li>• Early Career Working Group</li> <li>• Graduate Student Working Group</li> <li>• Commercial Plant Breeding Committee</li> </ul>