**Host Resistance Committee Meeting**

**August 5, 2020**

**23 individuals were in attendance (3 individuals were graduate students)**

1. **Report on sponsored events in APS 2020**
* Cosponsored Plant Health 2020 Special Session: Hormonal Signaling in Plant Defense Responses and Disease Resistance which will be held on August 13, 2020
* Cosponsored Plant Health 2020 Special Session: Molecular mechanism of temperature modulation of plant immunity which will be held on August 10, 2020
1. **Discussion of ideas to future 2021 sponsor events (symposiums, workshops, special sessions) for APS 2021 meeting in Memphis, TN. Outline with title, learning objectives, target audience, possible speakers will be needed for discussion**
* The theme for Plant Health 2021 is “Seismic shifts in disease risks” - consider host shifts, changes in host resistance form climate change, fungicide resistance
* ***Breeding insights and new tools*.** This special session would highlight the recent started Breeding Insights project that is developing tools/resources to facilitate genomic selection in underserved systems. The project is designed to start with five plant/animal systems and will incorporate new systems into the program every 5 years. This project has been making updates to many important analytical tools that are useful to developing resistant cultivars including BRAPI, the Field book App, and Grin Global. The special session would highlight what Breeding Insights is, the Field book App, integrating large datasets into resistance breeding pipelines.
* Suggestions were made that workshops/webinars could be conducted prior to Plant Health 2021 that would overlap with some of the tools used by Breeding Insights
* ***How Plant Health relates to Covid-19 Research.*** This special session would highlight techniques and approaches that can be adapted to Plant Health Research from human health research. This may include techniques regarding pathogen detection, modeling pathogen spread, and how disease resistance in plant systems might relate to human systems and human health. There is a possibility to co-sponsor this special session with the epidemiology subject matter committee.
* ***Beneficial Microbes.*** This special session was proposed last year but was not accepted. There were many constructive comments and it will be resubmitted this year with the comments in mind.
1. **Questions/discussion on election of a vice-chair nominations 2021**
* Ye Xia, Ohio State University was selected as the incoming vice-chair
* Jason Zurn, USDA-ARS will be rotating to the chair positon for 2021
1. **Steve-Intro to PhytoFrontiers**
* New journal from APS
* Broad scope that encompasses all current journals
* The journal will focus on sound methodology
* Negative results are acceptable provided methodology is sound
1. **Dave-APS Council updates**
* Councilors’ challenge this year is to develop new digital resources for online teaching.
* Resources might include short videos, image collections, wet lab lessons, or code/software that is useful for online teaching.
* Ideas should be submitted by October 16,2020
* Submission form and information - <https://www.apsnet.org/members/leadership/apsleadership/Pages/CouncilorsChallenge.aspx>
1. **Discussion of ideas to create ‘Host Resistance Learning Resources’ (audio, video, peer-reviewed, extension), tips and tricks about teaching host resistance online**
* Establish a list of people who are interested in providing online guest lectures for plant pathology classes
* This list would have name, contact information, and general subjects they would like to guest lecture about
* Establish a host resistance google drive for host resistance teaching resources/historically important manuscripts. Collaboration site may also be an appropriate venue for this information
* Some interest was expressed to produce content for the plantopia podcast regarding the importance of host resistance
1. **Do we see a need to create and maintain twitter account for Host Resistance Committee?**
* Host resistance committee Twitter was determined not to be needed
* Concerns were raised about curation and transfer of account overtime
* Suggestion was made to create a new hashtag (#HostResistance) for subject matter that would be of interest to the committee and researchers conducting host resistance work and tag the APS twitter handle
1. **Suggestions to attract early and middle career professionals to APS**
* General idea that involvement as a graduate student is related to activity of early career professionals
* Few graduate students in attendance. Graduate students were surprised they could join subject matter committees other than the graduate student committee.
* More efforts should be made by advisors to encourage postdoc and graduate student involvement
* Advertising subject matter committees to graduate students may lead to more involvement in APS
1. **Any other topics to discuss or state-of-the art and novel research on host resistance, remote learning, and general comments**
* Host resistance committee collaborative website was thought not to be useful

**Chat log from Zoom Meeting:**

12:56:45 From jason.zurn : To get a better understanding of who and how many people attended can you please enter your name, affiliation, and email in to the chat. Thank You!

12:57:02 From jason.zurn : Jason Zurn USDA-ARS NCGR Jason.Zurn@usda.gov

12:57:41 From Alejandra Huerta : Alejandra Huerta, North Carolina State University, ahuerta@ncsu.edu

12:59:14 From Maricelis Acevedo : Maricelis Acevedo

Sr. Research Associate

Associate Director for Science

Delivering Genetic Gain in Wheat Project

13:00:26 From Ana Maria Bocsanczy : Ana Maria Bocsanczy University of Florida anamariab@ufl.edu

13:03:03 From Upinder Gill : Upinder Gill, North Dakota State University, Upinder.gill@ndsu.edu

13:04:03 From Maricelis Acevedo : Please mute yourself when not speaking. Thanks

13:32:14 From Yulin Jia : Melissa Jia. Plant Geneticist USDA Stuttgart, AR. Melissa.jia@usda.gov. Yulin Jia. Plant Pathologist USDA Stuttgart, AR. yulin.jia@usda.gov.

13:33:30 From Steve.Klosterman to Awais Khan (Privately) : I am available now. Thank you!

13:39:50 From Dennis Halterman : Dennis Halterman: Dennis.halterman@usda.gov

13:40:00 From jason.zurn : https://www.apsnet.org/members/leadership/apsleadership/Pages/CouncilorsChallenge.aspx

13:46:02 From Steve.Klosterman : Link for PhytoFrontiers -- our newest APS journal https://mc.manuscriptcentral.com/phytofrontiers.

13:53:17 From Ana C Fulladolsa : Welcome!

13:53:52 From Alejandra Huerta : Welcome Gabriela, Anuj and Kelly!

13:54:04 From Anuj Sharma : Thanks.

13:54:06 From Ana Maria Bocsanczy : Welcome!

13:54:42 From Kelly Allen : Thank you everyone!

14:00:33 From Ana C Fulladolsa : https://www.apsnet.org/\_layouts/15/apsforms/comminvite.aspx

14:00:58 From Kai.Ling : Kai Ling: kai.ling@usda.gov

14:01:02 From Gabriela Morel Gadea : Thanks for the link!

14:01:07 From jason.zurn : https://www.apsnet.org/members/leadership/governance/MoO/Committees/Pages/SubjectMatterCommittees.aspx

14:01:30 From Dennis Halterman : thanks AC!

14:02:07 From jason.zurn : Committee interest form - https://www.apsnet.org/\_layouts/15/apsforms/comminvite.aspx

14:02:16 From Kai.Ling : Enjoying meeting you all, have to leave for another meeting.

14:05:02 From Yulin Jia : great meeting

14:06:04 From Ana C Fulladolsa : Theme for Plant Health 2021 is “Seismic shifts in disease risks” - consider host shifts, changes in host resistance form climate change, fungicide resistance

14:07:39 From Dennis Halterman : thanks Awais and everyone!

14:07:42 From Upinder Gill : Thanks everyone. Great meeting. Have anice day

14:07:52 From Ana C Fulladolsa : Thanks everyone! Enjoy the meeting!

14:08:14 From jinping.zhao : Thank you