

Agenda – WERA89
March 10, 2021 – Virtual (Zoom) Meeting
8:00 AM to 4:00 PM Mountain Standard Time

Registration is **FREE** but **REQUIRED**

Registration Link:

<https://uidaho.zoom.us/meeting/register/tZ0qcOmsqD0pGdy6qYSIUmfZ0rpW0bVYpdk>

Chair: Kasia Duellman, University of Idaho (kduellman@uidaho.edu)

Vice Chair: Steve Hystad, Montana State University (steve.hystad@montana.edu)

Secretary: Max Feldman, USDA-ARS/Prosser, WA (max.feldman@usda.gov)

Wednesday March 10, 2021

8:00 AM Call to Order, Introductions, 2020 minutes approval, 2021 Agenda discussion/approval

8:15 AM Announcements and other business

1. The Kickoff SCRI meeting, for the next round of funding, will be held tomorrow – March 11 – led by Alex Karasev
2. Other announcements

8:30 AM Mark McGuire - update on the WERA89 renewal process

8:45 AM State Certification Reports (Round Table) – each state/province is invited to provide an update, with or without a Powerpoint presentation or other visual aids

10:00 AM **BREAK** (breakout rooms are available – one general room and several topic-oriented rooms; room names subject to change)

10:30 AM Research updates

- Virus-like organisms:
 - Viroids in Potatoes – Alex Karasev (University of Idaho)
 - Update on beet leafhopper vector of BLTVA and BCTV in the Columbia Basin – Silvia Rondon and Tiziana Oppedisano (Oregon State University – Hermiston R&E Center)
- Diagnostics:
 - Impact of tuber sampling patterns on rates of false Negative for PVY, PMTV, TRV and PVS when direct testing tubers – Jason Ingram, USDA (Cornell)
 - Update on RPA-based, really rapid test for PMTV – B. Davenport, Ying Zhai, Keith Schuetz, and Hanu Pappu (Washington State University)
- TRV/PMTV
 - PCR-based markers linked to TRV resistance from Castle Russet – Sagar Sathuvalli (Oregon State University – Hermiston R&E Center)
 - Update on TRV genetic diversity – Lindani Moyo, Gaurav Raikhy, Ipsita Mallik, Neil Gudmestad, Stewart Gray and Hanu Pappu (Washington State University, North Dakota State University)

- 12:00 PM **LUNCH** (breakout rooms are available)
- 12:30 PM Research Updates
- PVY Biology
 - A pipeline for identifying PVY-interacting host proteins – G. Prabu and Hanu Pappu (Washington State University)
 - Metabolomic responses to PVY infection – Richard Manasseh and Hanu Pappu (Washington State University)
 - PVY Management
 - Testing new biologics against PVY – Richard Manasseh and Hanu Pappu (Washington State University)
 - Update on recent field trials of mineral oil, insecticides and biological control agent for PVY management in New Brunswick, Canada – Mathuresh Singh (Agricultural Certification Services Inc., New Brunswick, Canada)
- 1:30 PM Other topics
- High resolution 3D characterization using Cryo-EM – Martin Lawrence (Montana State University)
 - Transmission of *Dickeya* by insects – Andrei Alyokhin, University of Maine
- 1:55 PM POLL – to determine breakout room topics for the upcoming brainstorming session
- 2:00 PM **BREAK** (breakout rooms are available)
- 2:30 PM Formal Breakout sessions/Brainstorming sessions
- Enter a Breakout Room that interests you and brainstorm with colleagues to identify research and collaboration opportunities
 - Attendees within a Breakout Room will assign their own moderator or spokesperson
 - Once the session is over, everyone will return to the main session
- 3:00 PM Conclusions, Ideas for future work and collaborations
- Moderators (or spokespersons) from the breakout sessions will provide a brief update of what was discussed/concluded
 - Action items will be identified, if applicable
- 3:50 PM 2020 Publications, Election of Secretary
- 4:00 PM Adjourn