

WVSTA Virtual Conference - October 17, 2020

Time	Session	Room 1 Lead Moderator - Josh Revels Backup - Deb Hemler	Room 2 Lead Moderator - Angela McKeen Backup - Teresa Barton	Room 3 Lead Moderator - Davita Melander Backup - Emily Helton/Bobbi Mitchell	Room 4 Lead Moderator - Erika Klose Backup - Wayne Yonkelowitz
8:30-9:00	Social Time	Welcome to WVSTA 2020 Brief Zoom Tutorial (Participants, Chat, Reactions, Mute/Unmute, Video On/Off, Navigating the Matrix, and Need Help?) Presidential Awards for Excellence in Mathematics and Science Teaching WV Science and Engineering Fair WV Space Grant Funding			
9:00 - 9:45	Opening Session and Welcome				
10 - 10:45	Session 1	Preparing Students for STEM Classes: Plan, Do, Study, Act! <i>Deb Hemler, FSU et al</i>	Order Up a Helping of Forensics, With a Side of Maggots! <i>Jeffrey Lukens, Sioux Falls, SD Retired Teacher</i>	Dig in with Tech Share-A-Thon: <i>Emily Helton, FSU et al</i>	Teaching Energy Forms & Transformations: <i>Kimberly Swan and Wayne Yonkelowitz, National Energy Education Development Project</i>
11 - 11:45	Session 2	Sharing Successes of STEMentary: <i>Josh Revels, FSU et al</i>	Zombies are Knocking on Your Classroom Door!: <i>Jeffrey Lukens, Sioux Falls, SD Retired Teacher</i>	Topographic Sandbox Student Activity: <i>Stephen Kuehn, Concord University</i>	Connecting Environmental Sustainability Efforts Across WV: <i>Erica Harvey, Ashley Ruza, Siegfried Bleher, and Barabra MacLennan, FSU</i>
12:00 - 12:45	Lunchtime Keynote	Michael Moorehead, syGlass The Future of Data Exploration and Communication			

1 - 1:45	Session 3	Using Simple Props and Activities to Explain Global Warming: <i>Tom Rodd, Friends of Blackwater</i>	Carolina 3D Science: Hands-on Science in Flexible Settings; <i>Crystal Risko and Jen Black, Carolina Biological Supply Company</i>	STEP UP Training Workshop: <i>Luci Finucan, Green Bank Observatory</i>	STEM Asset Mapping for WV: <i>Erica Harvey, Erika Klose, Sean Harwell, Leah McJilton, and Marjorie Darrah</i>
2 - 2:45	Session 4	Climate Change PD Share-A-Thon: <i>Kathryn Williamson, WVU et al</i>	Viral Sequence Analysis Using COVID-19: <i>Jennifer Hutchison and Madelene Loftin, HudsonAlpha Institute for Biotechnology</i>	Engage with SMART Virtual Demos: <i>Robert and Libby Strong, SMART Center</i>	Sample Workshop: WOW! The Wonders of Wetlands: <i>Tomi Bergstrom, WV DEP-WV Project WET</i>
3 - 3:45	Session 5	Research Apprenticeship Program: <i>Cynthia Pacheo, WVU</i>	Learning from a Distance: <i>HA Digital Resources: Jennifer Hutchison and Madelene Hoftin, HudsonAlpha Institute for Biotechnology</i>	Investigating Embryology at the Middle Level: <i>Lisa Kelp, Lab-aids</i>	Making GIS Maps and StoryMaps: <i>Charlie Fitzpatrick, Esri</i>
4- 4:45	Session 6	Digital INB's: <i>Mary Elliot et al, Katherine Johnson NASA IV&V ERC</i>	People and the Biosphere: Hands-on Activities for Environmental and Life Sciences: <i>Lindsey Bailey and Tamara Westfall, Population Connection</i>	Cell Differentiation and Gene Expression: <i>Lisa Kelp, Lab-aids</i>	Presenting our Student-Guided Units on Evolution <i>Bertha Vazquez, The Teacher Institute for Evolutionary Science</i>
5- 5:45	Yearly Business Meeting	Call to Order, 2019 WVSTA Minutes Executive Director Report, Treasurer's Report 2020 Election Results Closing Remarks			