

## WVSTA 2021 Conference Session Matrix

Rooms (seating)	Friday						Saturday					
	8:00-9:00am	9:15-10:15am	10:30-12:00	12:15-1:15	1:30-2:30pm (Includes 25 minute sessions)	2:45-3:45pm	4:00-5:00pm	8:30-9:30am (Includes 25 minute sessions)	9:45-10:45am	11:00-12:00pm		
Stonewall Ballroom 1 (50)	<i>FLEXible Science for Grades 3-5</i> Deborah Vannatter	<i>Reimagining Hands-On Science in a Virtual World (6-8)</i> Deborah Vannatter	<b>O p e n i n g S e s s i o n *</b>	<b>L u n c h F o r u m S e s s i o n *</b>	<i>Level Up!</i> Kim Dye	<i>Reimagining Hands-On Science in a Virtual World (K-5)</i> Kim Dye		<i>Think Like An Engineer with Phenomenal Science Instruction!</i> Molly Catalano	<i>Hands-on Explorations for the NEW WV Science Standards</i> Margo Dye			
Stonewall Ballroom 2 (110)		<i>Interactive Forms of Energy &amp; Energy Transformations</i> Wayne Yonkelowitz			<i>Science Standard Update and Q &amp; A from Erika Klose, WVDE Science Coordinator</i> Erika Klose	<i>West Virginia General Summative Assessment Science Tests</i> Timothy Butcher	<i>The Power of Mixed Media for Effective Science Communication</i> Dr. Frederic Bertley			<i>Facts on Fossil Fuels</i> Wayne Yonkelowitz		
Maple Room (35)	<i>Bring STEAM &amp; Coding to Life with SAM Labs!</i> Aron Fristoe	<i>Engaging Students in Earth Science Through Authentic Experiences</i> Brad Fountain			<i>STEM Behind Hollywood: Superheroes, Zombies and Forensics</i> Michelle Grooms	<i>Dual enrollment in Intro Forensics through Fairmont State</i> Mark Flood	<i>Share-a-thon: Forensic Science</i> Mark Flood	<i>Authentic K-5 Science through Local Phenomena</i> Deborah Vannatter		<i>Is Science Neutral?</i> Emily Helton	<i>Ready OER Not</i> Emily Helton	<i>Bringing Live Electron Microscopy into Any Classroom</i> Stephen Kuehn
Pecan Room (75)	<i>Examining Luminescence</i> Nancy Spillane	<i>Scratching with NASA</i> Emily Helton			<i>Project WET Climate, Water, and Resilience - Abbrev. Workshop</i> Tomi M. Bergstrom		<i>WV Save Our Streams StreamLAB</i> Callie Cronin Sams	<i>Share-a-thon: Project Based Instructional Units</i> Jeffrey S. Carver	<i>Photovoltaic Array Use in Earth Science Classes</i> Bruce Rose	<i>All New HMH Biology &amp; Earth Space Science</i> Margo Dye	<i>Flying Robots! RECF Aerial Drone Competition</i> Todd Ensign	<i>The American Rocket Contest</i> Todd Ensign
Sutton Room (15)	<i>Using the Next Generation Science Standards Resources</i> Hemler & Burns	<i>Safety Expectations in the Science Classroom</i> Jennifer Schewertfeger					<i>Static Electricity and Forming a Solar System</i> Josh Revels	<i>STEAM-minded WV- Teaching Mindsets and Skillsets</i> Erika Klose	<i>Early research experiences for success: Bridging summer research into an undergraduate research experience.</i> Aida E. Jimenez Esquilin	<i>Argumentation and Radio Waves</i> Valarie Bogan	<i>STEP UP Workshop: Tools for a more inclusive science classroom</i> Luci Finucan	<i>Virtual Escape Rooms</i> Elliot & Helton
Tygart Room (15)	<i>GLOBE: Relative Humidity Protocol Training</i> Josh Revels	<i>Building Better Outreach to K-12 STEM Students</i> Heatherly & Hemler			<i>Empowering Appalachian Students to Address Climate</i> Hessl & Weislogel	<i>Explore the Ocean and the Atmosphere with NOAA Educational Resources</i> Tony Edwards	<i>WV Climate Change Professional Development</i> Westfall, Williamson, Shinn, Fallon, Revels, Himmele, Rothrock, Bunn	<i>Teaching Human Ecology with Models and Simulations</i> Tamara Westfall	<i>Supporting incoming first-year STEM students in undergraduate research</i> Pacheco, Zalman, Hessl	<i>First2 Network Summer Research Program:</i> Pacheco & Arnett	<i>Using Passionate High School Students as STEM Teachers in Younger Grades</i> Trautwein, Catulle, Perando	
Summersville Room (15)					<i>Typhoid Mary: Victim or Villain</i> Ashley Chouinard	<i>Teaching Evolution Virtually or In-Person (9-12)</i> Jaime Moss	<i>Leaping Beyond LEED</i> Karen Davis	<i>Wonder Full Watershed</i> Karen Davis	<i>Seeing the Science in What Children Say and Do</i> Melissa J. Luna	<i>Keeping It Together: Time Management and Organization.</i> Davita Melander	<i>Station Rotation in an Era of Social Distancing &amp; Online Learning 6-12</i> Wendy Beltran	<i>Station Rotation in an Era of Social Distancing &amp; Online Learning K-5</i> Wendy Beltran
Potomac (15)	<i>Spanning the "STEM" Acronym: Bridging Science and Math</i> Jeff Lukens	<i>Flattening the Curve of the Zombie Apocalypse</i> Jeff Lukens					<i>Infect Your Science Classroom with Math</i> Jeff Lukens		<i>Cross-Curricular Thematic Units</i> Adkins & Crites	<i>FLEXible Science for Grades 3-5</i> Deborah Vannatter	<i>Teaching Evolution Virtually or In-Person (6-8)</i> Jaime Moss	<i>Integrated Genetics and Engineering Unit</i> Valarie Bogan
Lobby (Tours**)	Appalachian Glass Factory Friday, October 29, 2021 – 8:00am-10:00am				Lambert's Vintage Wine Friday, October 29, 2021 – 1:00pm-5:00pm			Trans-Allegheny Lunatic Asylum- Forensics Tour Saturday, October 30, 2021 8:00a.m.- Noon				

\* Opening Session will be held in the Stonewall Ballrooms    \*\*All tours meet in the Lobby. Please arrive with a ticket 15 minutes before departure time.