STEM 360 – Growing Opportunities in Changing Environments

CONCISE Presentation Directory WITH LOCATIONS

Monday, July 31, 2023
Session 1, 9:45 – 10:45 AM
Session 2, 1:15 - 2:15 PM
Session 3, 3:00 – 4:00 PM

Tuesday, August 1, 2023
Session 4, 8:00 - 9:00 AM
Session 5, 9:45 – 10:45 AM
Session 6, 11:00 AM – 12 NOON

Session	ID#	Title – *Presenter(s)*	Room	
Monday 9:45–10:45 AM **1**	1a	Teaching Climate Change While Addressing New York Standards AKA: Everything You Wanted to Know About Climate Change But Were Afraid to Ask – *K. Christie-Blick*	Allegany	**PHS** is the Physical & Health Sciences Building ▫ The **Allegany Room** is in **CDH** Central Dining Hall
	1b	Using Student-Made Stop Motion Video To Show Understanding – *A. Huntress*	PHS 106	
	1c	Integrating the Engineering Design Process and ELA is a Snap(pyXO) – *M. Wicks*	PHS 101	
	1d	Teaching Students the Skill of Computational Thinking – *J. Kling & R. Sun*	PHS 105	
	1e	Teaching Energy Conservation through Roller Coaster Design and Construction – *E. Harp*	PHS 216	
	1f	3 Ways to Use Invention and Entrepreneurship to Engage Your K-5 Classroom: Giving Students Voice and Choice – *K. Geramita*	PHS 107	
Monday 1:15–2:15 PM **2**	2a	Incorporating the Arts into the Teaching of Climate Science – *K. Christie-Blick*	Allegany	
	2b	Designing Products for Space with a Truly Out-of-This-World STEAM Program – *G. Gordon*	PHS 106	
	2c	Early Childhood Makerspace/This presentation is to depict the importance of makerspace in a classroom for PK-5 grade students STEAM development. – *C. Similien*	PHS 101	
	2d	Computer Science and Digital Fluency Standards (are Already!) in Your Classroom – *B. Galluzzo, M.M. Small, L. Burkhalter*	PHS 105	
	2e	Taking your Students on a Virtual Tour – *B. Bealer*	PHS 216	
	2f	The Metagenomics Education Partnership: Harnessing the Power of Microbial Genome Sequencing and Big Data with High School Students and Teachers – *S. Koury, S. Small, N. Nowak, & J. Bard*	PHS 107	
Monday 3:00-4:00 PM **3**	3a	Drone Cadets in the Classroom – *T. Reid & G. Cantwell*	Allegany	
	3b	Build a Spaghetti Bridge to Teach the NYS CS Standards – *H. Delity*	PHS 106	
	3c	A Sneak Peek at ITEEA EbD TEEMS (Engineering by Design K-5 – *T. Young*	PHS 101	
	3d	Solving Elastic Collision Without a KE Postulate – *P. Duveen*	PHS 105	
	3e	STEAM is Elementary – *B. Terry & J. Doxsee*	PHS 216	
	3f	Effective Literacy and Writing Strategies in the Science Classroom – *M. Dye*	PHS 107	
Poster		Monday 4:30-6:00 PM (4:15 PM SET UP) **Poster Session** CDH: Student Gathering Space		
Tuesday 8:00-9:00 AM **4**	4a	STEAMed Drones in the Educational Classroom – *S. Demorcy*	Allegany	
	4b	DOUBLE SESSION -PART A: Building Paper Circuits on Our Way to Interactive Art in all Content Areas/Building Paper Circuits on Our Way to Interactive Art in all Content Areas – *L. Yager*	PHS 106	
	4c	Teaching STEM Through the Use of Music – *F. Pidgeon*	PHS 101	
	4d	Quantum Computers-What Does It Mean for Education? – *R. Rittenhouse*	PHS 105	
	4e	Implementing the VEX Continuum: STEM at Every Level – *K. Laris*	PHS 216	
	4f	Claim-Evidence-Reasoning (CER): Are You CERtain Your Students Understand the Data? – *M. Dye*	PHS 107	
Tuesday 9:45-10:45 AM **5**	5a	Perceptions of Technology/Engineering Education Influence on Integrated STEM Education Teaching and Learning – *C. Greene*	PHS 101	
	5b	DOUBLE SESSION -PART B: See 4b above for PART A	PHS 106	
	5c	Hour of Engineering - Shining a Spotlight on the "E" in STEM – *L. Simpson*	Allegany	
	5d	Come and Play With Us! Tech Toys to Enhance Instruction – *M.M. Small, B. Galluzzo, & L. Burkhalter*	PHS 105	
	5e	What is the Storyline Behind 3-D Learning in Science? – *J. Zawicki & L. Brosnick*	PHS 216	
	5f	Mathematical Problem Solving for All – *M. Dye*	PHS 107	
Tuesday 11 AM - 12 PM **6**	6a	PMi Citizen Developer - Next Gen Digital Literacy Skills – *S. Mulford & R. Huseynov*	Allegany	
	6b	CTE is STEM: Exposing Students to STEM Careers – *T. Gyoerkoe & T. Thompson*	PHS 106	
	6c	Equity in Science Education – *J. Zawicki, F. Pidgeon, B. Tulloch, J. Cunningham, A. Serotsky, B. Tulloch*	PHS 101	
	6d	STEM in Motion – *D. Morse*	PHS 105	
	6e	How to Get Students to Publish in a Peer-Reviewed Journal – *R. Beal, & F. Damkaci*	PHS 216	
	6f	Let's Engage Students through Phenomena-based Science Instruction – *M. Dye*	PHS 107	