Northeast Chapter Conference
September 29, 2023

Advancing Science Education for All Learners

Welcome/Keynote Speaker  |  8:30am - 9:30am

Session 1                  |  9:45am - 10:45am

Session 2                  |  11:00am - 12:00pm

Roundtables               |  12:30pm - 1:00pm

Session 3                  |  1:15pm - 2:35pm

Business Meeting           |  2:40pm - 3:15pm

Register and pay here:
https://forms.gle/TtDCqGeDmfuorrPX6
Northeast Chapter Conference
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Advancing Science Education for All Learners

Keynote Speakers

Don Hass

Rob Ross

“Using Earth@Home, a growing Open Educational Resource for teaching and learning about the Earth, life, and environmental sciences”
Session 1: 9:45am - 10:45am

Moderator: Latanya Brandon

**Addressing Wicked Problems in PreK-12 Science Education through Transdisciplinary Pedagogies**
Holly Plank, Hillary Chelednik
*University of Pittsburgh*

**Exploration of College Students’ Evaluation Levels of Extreme Weather Events Through MEL Diagram**
Gizem Ozyazici
*Syracuse University*

**Developing Science Teacher Knowledge in Quantum Information Science & Technology**
Angela Kelly, Wei Tzu-Chieh, Schneble Dominik
*Stony Brook University*
Northeast Chapter 2023 Conference

Session Agenda
Session 2: 11:00am - 12:00pm

Moderator: Jeffrey Radloff

Ensuring Equity in STEM Intervention Programs
Amanda Surman
Syracuse University

“Stand and Deliver!”: Models For Delivering Elementary Science
Jean Hourihane, Maria Zambuto
Stony Brook University

Synchronizing a Near-Peer Mentoring Network: Onboarding new university mentors and level setting them with more technically advanced remote HS student teams
John Hanning, Wesley Barlow, William Barlow
Archimedes Aerospace LLC
Northeast Chapter
2023 Conference

Session Agenda

Roundtable Discussions: 12:30-1:00pm

Moderator: Latanya Brandon

Breakout 1:

Culture Setting Units: Footholds for Justice-Centered Ambitious Science Teaching
Todd Campbell, April Luehman, Hannah Cooke
University of Connecticut

Breakout 2:

Lemon into Lemonade: A Full-year Residency in RI Teacher Education Programs
Comfort Ateh, Providence College
Jay Fogleman, University of Rhode Island
Rudolf V Kraus II, Rhode Island College

Breakout 3:

Perceptions and Barriers to Adopting Artificial Intelligence in K-12 Education: A Survey of Educators in Fifty States
Karen Woodruff
Kean University
Session 3: 1:15pm - 2:35pm

Moderator: Karen Woodruff

The Role of Professional Self-Efficacy in the Development of STEM Preservice Teachers
Regina Toolin
University of Vermont

Building Effective Science Teacher Education Networks: Reciprocity Among Stakeholders in Southeastern New York
Keith Sheppard, Angela Kelly
Stony Brook University

Sustaining PK-12 STEM Integration in High Need Districts: Following the Leadership Trajectories of 13 Master Teacher Fellows
Kristen Napolitano, Amanda Gunning, Meghan Marrero
Mercy College

Pre-Service Science Teachers as Laboratory Researchers – An NSF-Noyce Initiative
Linda Padwa, Caren Gough, Keith Sheppard
Stony Brook University
Session Agenda

Session 4: 2:40pm - 3:15pm

Business Meeting - All are welcome

NE-ASTE Leadership

- Latanya Brandon, SUNY New Paltz
- Dominick Fantacone, SUNY Cortland
- Jeffrey Radloff, SUNY Cortland
- Karen Woodruff, Kean University