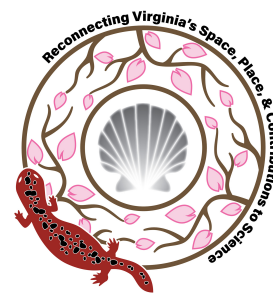


Virginia Association of Science Teachers 2022 Professional Development Institute



Schedule At a Glance

(final)

Wednesday November 9, 2022

7:00 PM – 8:30 PM VAST Board of Directors Meeting

Thursday November 10, 2022

Ticketed Donna Sterling Institute (separate registration from the PDI)

Title: Using Problem-Based Learning in Finding Smart Solutions in Energy and Climate Science

7:30 AM Continental Breakfast and Check in (Room 18, second floor)

8:00 AM – 3:00 PM Sterling Institute Presentations and Lunch

2:30 PM – 6:00 PM VAST PDI Registration Desk Open

3:15 PM – 5:00 PM **Pre-Conference Ticketed Workshops**

Elementary: (Room 10, second floor)

Speakers: Angie Meredith and Pam Caffery

Title: *Building Science and Math Lesson Integration with STEM Challenges*

Sponsor: Hand2Mind

Middle School: (Room 11, second floor)

Speakers: Sharon Bowers, Joan Harper-Neely, and Betsy McAllister

Title: *Balloon Aerodynamics Challenge*

Sponsors: NASA eClips Education Team, National Institute of Aerospace Center for Integrative STEM Education

High School: (Room 15, second floor)

Speakers: Chris Carter, Scott Bellows, Julie Young

Title: *Introduction to Small Unmanned Aircraft Systems (sUAS or Drones)*

Sponsor: Virginia Space Grant Consortium

3:15 PM – 5:30 PM **Pre-Conference Ticketed Field Experiences** (Transportation sponsored by the College of William and Mary School of Education, departs outside at the Ballroom Promenade entrance)

#1: William and Mary Field Experience

#2: Conservation Laboratory at the Colonial Williamsburg Art Museum

6:00 PM – 7:15 PM **Welcome to the PDI, General Session I** (Auditorium, first floor)

Speaker: Dr. Jeanette Davis AKA Dr. Ocean

Title: *Science is Everywhere, Science is for Everyone: The Art of Storytelling*

Sponsored by Hand2Mind

(door prize giveaway)

7:30 PM – 9:00 PM **Night with the Exhibitors** (Ballroom and outdoors)

VA Department of Aviation presents "A Passport to Travel" -Join us for pictures with ICON A5, exhibits and food.

Friday November 11, 2022

- 7:15 AM – 5:00 PM Registration Desk Open
7:30 AM-8:30 AM Continental Breakfast in the Exhibit Hall
7:30 AM – 10:30 AM **Exhibit Hall Open**
8:00 AM – Noon **Ticketed Field Experience #3:** Archaeology and Education at Fairfield Plantation
(Transportation sponsored by the College of William and Mary School of Education, departs outside at the Ballroom Promenade entrance)
8:30 AM – 9:20 AM Concurrent Session 1 Breakout Presentations
9:35 AM – 10:25 AM Concurrent Session 2 Breakout Presentations
10:40 AM - Noon **General Session II and Business Meeting** (Auditorium, first floor)
Speaker: Dr. Raquel Fleskes, Genetic Anthropologist, University of Connecticut
Title: *The Science of Making Science Accessible: DNA and Community Building*
(door prize giveaway)
Noon – 1:00 PM Ticketed Buffet Lunch (Harvest Grille)
12:30 PM – 6:00 PM Exhibit Hall Open
1:00 PM – 5:00 PM **Ticketed Field Experience #4:** York River State Park Exploration of Wetlands and Global Climate Change Indicators
(Transportation sponsored by the College of William and Mary School of Education, departs outside at the Ballroom Promenade entrance)
1:10 PM – 2:00 PM Concurrent Session 3 Breakout Presentations
2:15 PM – 3:05 PM Concurrent Session 4 Breakout Presentations
3:20 PM – 4:10 PM Concurrent Session 5 Breakout Presentations
4:25 PM – 5:15 PM Concurrent Session 6 Breakout Presentations
6:15 PM – 7:00 PM Ticketed Dinner (Auditorium, first floor)
7:00 PM – 8:15 PM **Awards Ceremony** (Auditorium, first floor)
Speaker: Dr. Carolyn Williams, Senior Education Advisor
Title: *“The Power of Possibility”*
Sponsored by: YELLOW
8:30 PM – 10:00 PM WorldStrides and the VAST Regional Directors present **“A PDI Expedition”** (Auditorium, first floor)
Join us for a fun social evening and explore eight amazing locations through interactive activities. Dancing, DJ, food, limited drink tickets included, and some great prizes are up for grabs.

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Saturday November 12, 2022

- 7:30 AM – 10:30 AM Registration Desk Open
7:30 AM-8:30 AM Continental Breakfast in the Exhibit Hall
7:30 AM- 12:15 PM Exhibit Hall Open
8:30 AM-9:20 AM Concurrent Session 7 Breakout Presentations
9:35 AM – 10:25 AM Concurrent Session 8 Breakout Presentations
10:40 AM – 11:30 AM Concurrent Session 9 Breakout Presentations
11:30 AM – 12:15 PM Last Chance to Visit the Exhibit Hall (Exhibitor Door Prizes, Complimentary Cider and Snacks)
(no other events scheduled, all exhibitors open until 12:15 pm)
12:15 PM– 12:30 PM Pickup Ticketed Box Lunch to eat during General Session III
12:30 PM – 1:45 PM **General Session III, Meet your VAST Officers** (Auditorium, first floor)
Speaker: Dr. Bruce Holmes, NASA
Title: *Hey Dude! Where’s My Flying Car!?*
Sponsored by: VA Department of Aviation
(Extra-Special Door Prizes Giveaway)
2:00 PM – 4:00 PM **Ticketed Field Experience #5:** The Chesapeake Bay Foundation’s Virginia Watershed Environmental Education Program (attendees provide their own transportation)