



Calendar of Events

Planned Fall 2020 *Bite of Science*



Maryland

Frederick, Baltimore

Pennsylvania

Bethlehem, Harrisonburg, Reading

Virginia

Danville, Fredericksburg, Hampton Roads,
Harrisonburg, Richmond, Roanoke

West Virginia

Charleston, Fairmont, Martinsburg

JOIN US!

Planned Full-Day Workshops



Richmond, Virginia **Logansport, Indiana**

Designed for middle and high school
STEM educators!

Adaptation in STEM

Science Families in Flux – the science behind family coping dynamics during times of uncertainty.

Technology View images of fathers and their children over time, and consider advances in photographic technology.

Engineering Love the outdoors? Check out multiple engineering capacities of a single tool!

Mathematics Math is everywhere! Why not whip up some ice cream?

Full-Day STEM Workshops

“Engaging Students in STEM: Hands-On Learning & Real-World Applications”



- ◇ Academic and industry experts discuss their careers and engage participants in a related hands-on activities.
- ◇ Educators develop and practice STEM skills to inform their practice with students.
- ◇ Educators network with other enthusiastic STEM professionals.
- ◇ Educators heighten awareness of STEM career fields for students.

A Lesson to Learn

Our Hats Off to Healing Heroes

How has critical research continued when medical labs and universities are closed?

Experts from the field explain the phenomenon of international partnering for rapid study, despite closed labs, in this June 12, 2020 feature from Synthego, a genome engineering company.

[Safely Maintaining Effective Biotech Operations and Research During COVID-19](#)

CEE Programs: RSI Feature

Honoring an outstanding contribution from Research Science Institute year 2020 participants!

May 18, 2020

The Center for Excellence in Education is proud to announce that this year's Research Science Institute students have developed a new website to help people to locate a public COVID-19 testing site.

High school juniors **Kenneth Choi**, Ridgefield, Connecticut; **Yoland Gao**, Virginia Beach, Virginia; **John Lin**, Boston, Massachusetts; and **Shruthi Ravichandran**, Shaker Heights, Ohio, helped make the website a reality along with a team of 30 other RSI students who provided data gathering and language translation assistance.



Quest Diagnostics -
Woodburn

CVS Health COVID-19
Drive Thru Testing

Quest Diagnostic
Woodburn

[COVID-19 Test Site Locator](#)

The "COVID-19 Test Site Locator" website allows individuals in the U.S. to search for testing sites by address and zip code.

Celebrating our Oceans

Dr. Laura D. Mydlarz

Coral Ecology, Bleaching, & Disease



Dr. Laura D. Mydlarz spoke at TEP's 2018 Dallas, TX Bite of Science. She is currently an Associate Dean in the College of Science at the University of Texas at Arlington. She is also a Professor and Associate Chair within the Department of Biology.

Dr. Mydlarz earned PhD in Marine Science from the University of California, Santa Barbara, after studying in Florida. She also completed post-doctoral training with Drew Harvell at Cornell University.

A few short years after joining the faculty at UTA, Mydlarz began her own lab in earnest, with focused study on cnidarian immunity. Her graduate students support her research as she hones in on pathways of disease resistance and the causes of historical variations.

Mydlarz and her students delve below the cellular level, using Next-gen gene expression sequencing, proteomics, and specific proteins to determine and quantify immune pathways. Dr. Mydlarz's lab and research have captured the attention and funding of the National Science Foundation.

Dr. Mydlarz is also proud of her position as Treasurer for the UTA Women Faculty and Staff Network. She values the generation of career and gender specific opportunities to women faculty.



Photo Credits: Mydlarz Lab and Cornell RCN