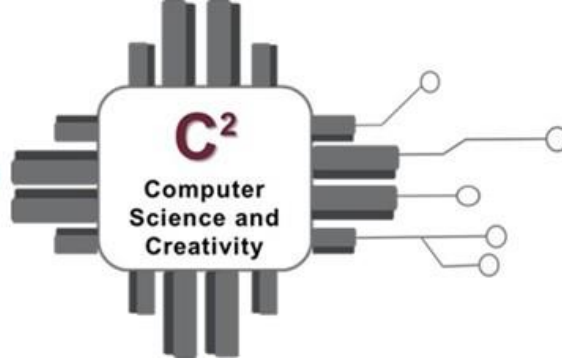


STEM+



MAHONY CENTER

UA LITTLE ROCK

STEM+C²

STEM plus Computer Science x Creativity

Javits Grant S206A190008

September, 2023

In this spotlight issue:

STEMing it up in Summer!

Dr. Cunningham Returns to Boston

Harmony Grove Principal Joins In

Speaking of STEM+C²...

Dr. Christine Cunningham, a **STEM+C²** Advisory Board member, is returning to the Museum of Science, Boston after several productive years at The Pennsylvania State University. She brings with her the *YES* (Youth Engineering Solutions) curriculum series she developed while at the university. Dr. Cunningham is known to the world for her previous work with the Museum of Science, Boston where she authored *EIE* (Engineering is Elementary) curriculum materials for children featuring clever engineering challenges.



STEMing it up in Summer!

Our talented **STEM+C²** crew, **Dr. Monica Meadows** and **Kristy Kidd** served up some sizzling summer professional learning with the project's Grade 2 teachers in July.

What floats your boat?

Teachers **Robert Jones** and **Hope Klatt** from Pulaski Heights Elementary, Little Rock School District, test their boat's structure for buoyancy, an engineering design challenge featured in the *Blueprints for Biography* on Raye Montague.



Our own researchers, **Dr. Monica Meadows** and **Kristy Kidd** participated in a two-day workshop at The Pennsylvania State University led by **Dr. Cunningham** in July where they experienced the *YES* curriculum first hand. *It's real-world application of the engineering process designed to engage all learners...and it's just plain fun!*

exclaimed Dr. Meadows. During the workshop, teams designed a safety vest with directional lighting. This allows bikers or pedestrians to safely negotiate traffic intersections.



Speaking of STEM+C².... Researchers are scheduled throughout the fall to share exciting project updates and research insights at conferences around the world, literally!

World Council for Gifted and Talented Children Online Conference - August

Talent, Design, and Creativity in STEM with **Dr. Ann Robinson, Dr. Monica Meadows, and Merve Topak-Jamsran**

National Science Teachers Association Kansas City, MO - October

Computational Thinking in Elementary STEM: Unplugged Computer Science Activities with **Dr. Monica Meadows**

National Association for Gifted Children Orlando, FL - November

Creative Combinations: Integrating STEM and Literacy with **Dr. Monica Meadows, Dr. Ann Robinson, and Keila Moreno Navarrete**

Implementing Universal Screening and Local Norms to Support Equity and Excellence with **Dr. Jill Adelson** and **Dr. Ann Robinson**

Talent Development through STEM Learning with **Dr. Monica Meadows** and **Keila Moreno**

Thinking, Tinkering, Borrowing, and Babbage with **Dr. Monica Meadows** and **Dr. Christine Deitz**

You Go, Miss Meghann!

Meghann Donaldson, principal at Westbrook Elementary School in Harmony Grove School District, is **STEM-sational!**

Ms. Donaldson attended **STEM+C²** Summer learning with her Grade 2 teachers **Pam Balding** and **Brooke Lewis**. She was so excited about the Grade 2 curriculum materials, Meghann plans to co-teach the units alongside her classroom teachers.



From left to right: Teachers Brooke Lewis, Pam Balding, and Principal Meghann Donaldson

Click here to [Read more about STEM+C²!](#)