



## [Building STEM Capital in Region 2]



### Spotlight: LSU Geaux Science Explorations

[Geaux Science Explorations](#) is a LSU College of Science outreach initiative that seeks to inspire young minds to understand, value, and pursue science. The programs support student engagement in science by prioritizing experiences with LSU scientists, hands-on activities, diversity, and early exposure to science fields.

**STEM Story Time** - Stories read by LSU scientists in public libraries followed by hands-on activities. One virtual version featured LSU scientist, Dr. Jeremy Brown who read “Lots: The Diversity of Life on Earth” by Nicola Davies and answered questions about his field. The program also featured author Shellie R. Johannes’ book “Libby Loves Science.” Prior to the event, 70 participants were mailed an activity kit with all supplies needed for the hands-on portion - led by LSU chemistry alumna, Dr. Alecia Gabriel [featured above].

**Girls' Day at the Museum** - An annual event where girls spend a day exploring the reptiles, birds, fish, mammals, and other collections in the internationally recognized [LSU Museum of Natural Science](#) (MNS) and lunch and chat with LSU's top women scientists. This event also pivoted delivering a unique field trip, led by LSU MNS staff and alumni, included virtual exploration of mammals, birds, and fish at the LSU MNS, the Florida Museum of Natural History, and the Natural History Museum of Los Angeles County. Girls also participated in virtual chats with LSU women scientists and received an activity kit with everything they needed to participate in a guided hands-on learning experience.

## Student Opportunities

### Olay's 'FACE the STEM' Gap Event

*200 High school girls participating in the event will have a chance to enter a random drawing to win \$500 to apply toward their own STEM education.*

Wednesday, September 15 | [Register Now by Email](#)

Olay is committed to doubling the number of women in STEM and tripling the number of women of color in STEM by 2030.

Olay, partnering with [Million Women Mentors](#), will host a live, virtual event [9/15 @ 6PM Central] featuring an [exceptional panel of women in STEM](#) - who will share their experiences pursuing a STEM education and career and offer words of encouragement.

**How to participate.**

- Register to attend one of the panel events + complete the pre-event survey.
- Join the event at your scheduled time and complete the post-event survey.
- Enter to win \$500 toward your STEM education.
- For fun - check out [Olay's Face of STEM page](#) [It features a young woman from the Capital region who is passionately pursuing a career in space - Alyssa Carson]



The poster for Future's Fund Build Your Own Community features a group of diverse students working together on a project. The text on the poster includes: "FUTURE'S FUND Build Your Own Community Learn Coding for the Web or Photography in our Teen Tech Academy to build a more inclusive and accessible future." A list of dates for the program is provided: "Orientation - Aug 28, Week 1 - Sept 11 (virtual), Week 2 - Sept 18 (virtual), Week 3 - Sept 25, Week 4 - Oct 2, Week 5 - Oct 9, Week 6 - Oct 16, Week 7 - Oct 23 (virtual), Week 8 - Oct 30 (virtual), Week 9 - Nov 6, Week 10 - Nov 13, Capstone - Nov 20." A call to action at the bottom says: "APPLY NOW FOR FALL 2021 futuresfund.paperform.co Apply by August 28, 2021". A badge in the top right corner states: "AVAILABLE IN-PERSON & VIRTUAL".

### Future's Fund Fall Tech Academy

Future's Fund Tech Academy is offering fall courses, in-person and virtually. Hang out with their cool teams and develop career-changing skills. You're never too young to start coding. [Register today.](#)

# SMART Scholarships from Department of Defense

Science, Mathematics, and Research for Transformation (SMART) Scholarship-For-Service Program at every entry level from bachelor's degree to PhD. [Apply online](#); Deadline December 1st.



## Educator Opportunities

### Presidential Awards for Excellence in Math & Science Teaching (PAEMST)

The PAEMST are the highest honors bestowed by the United States government specifically for K-12 science, technology, engineering, mathematics, and/or computer science teaching. Anyone may nominate exceptional STEM teachers who are currently teaching grades K-6 for the 2022 award year. Teachers apply directly [www.paemst.org](http://www.paemst.org)



Nomination deadline - January 7, 2022    Application deadline - February 6



### Quality Science and Math Program Grants (QSM) & Grant Writing Support

Need math, science and STEM materials and equipment? Apply for a QSM Grant - Funds established for the purpose of providing Louisiana public school teachers with non-consumable math, science, and STEM instructional materials and equipment.

- Grants of up to **\$1,000 are awarded to PK-3** teachers and **\$1500 to 4-12** teachers
- Applicants must be full-time classroom teachers assigned to teacher math, science, or STEM courses/subjects in a PK-12 public regular education program or public charters
- Program has undergone revisions this summer that includes revised policies, application process, submission portal, and resources
- Grant portal will open and accepting submissions by or before Thursday, August 19, 2021
- Application Deadline: **Friday, October 1, 2021 @ 11:59PM**

Please visit [lsu.edu/qsm](http://lsu.edu/qsm) for more information about the program.

### **ATTEND A QSM GRANT WRITING WORKSHOP IN AUGUST AND SEPTEMBER!**

To support the Program's updated grant application and policies, QSM will host a grant writing workshops. Led by Nathan Cotton, Bianca Deliberto, and Ellen Daugherty, the virtual workshops will guide teachers through the grant writing process and provide an in-depth breakdown of each section. Also included are office hours where teachers can work with presenters (one-on-one or in small group).

**Register for FREE Workshops [here](#)** and see workshop dates/times and "OPTIONAL" office hours:

- Workshop - Saturday, Aug 14 [9:00-11:00am] - Office hours 1:00-3:00
- Workshop - Saturday, Sept 11 [9:00-11:00am] - Office hours 1:00-3:00
- Workshop - Wednesday, Sept 15 [6:00-8:00pm]
- Office Hours - Thursday, Sept 16 [6:00-8:00pm]

## Promising Practices



### STEM in Libraries

#### SciStarter Webinar: Introduction to Citizen Science in Libraries and Other Interested Organizations

August 25, 2021, 12:00 PM Pacific / 3:00 PM Eastern

National Girls Collaborative is partnering with [SciStarter](#), an online hub featuring over 3,000 citizen science projects! This Network provides training, support, and resources to libraries and other organizations interested in growing STEM. **REGISTER!** All libraries are invited (academic, public, school, and special).

[Check Miss Louisiana's [Citizen Science Data Project on Wetland Loss](#) in progress now]

### TOOLKIT: Developing STEM Internships for High School Students

#### Blueprint for creating STEM Internships with College Credit

Learn more about how Abbott, a medical devices and health care company, converted a high school summer internship program into a college credit experience. [Listen to their case for developing internships in STEM. Download their playbook.](#)

### WEBINAR: Community Colleges - Accelerating STEM Learning and Catalyzing Community Resources

AUGUST 25th @ 12 Central time - STEMConnector and our partners at STEM Learning Ecosystems will host webinar on how community colleges are implementing innovative practices to accelerate STEM workforce development, build career pathways, and re-skill people to have new career opportunities. [Register here.](#)

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**SAVE These Dates!**

**OCT 18-23 - Mini Maker Faire** - Hybrid Event [A family-friendly showcase of invention, creativity, and resourcefulness. Glimpse the future and get inspired!] [EBRP Main Library on Goodwood Blvd]



## AUGUST STEM Events at the EBRP Library Branch near you!

Light and Shadow - During month of August and September. Activities for different ages to hear stories about light and shadow and do hands-on exploration.

More STEM Fun on August 28 around Baton Rouge - [Check EBRPL calendar](#)

- Build a Boat with Legos - Greenwell Springs
- Spring into STEAM [Catapults] - Jones Creek
- Wearable Tech LED Circuit Cuff - River Center

## Oct 28 - LaSTEM Summit

SAVE the DATE for this 4th annual event! [Join the Regional STEM Centers, PK-12, postsecondary education, employers, and the community as they offer best practices for collaboration, engagement, and policymaking that will help grow a STEM-strong Louisiana]



**Join Our Mailing List**

*Please forward to a friend interested in closing STEM opportunity gaps in our region.*

**Search for STEM Opportunities**

**Capital Area STEM Network Center @ LSU Cain Center**

204 Thomas Boyd Hall  
Baton Rouge, LA 70803 US

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