



## Building STEM Capital in Region 2

August 2022



## LSU, Code.org® Partner to Advance K-12 Computer Science Education in Louisiana

Continuing their commitment to excellence in science, technology, engineering, and math education, the [LSU Gordon A. Cain Center](#) announced its selection as a Code.org® regional partner. Code.org is a nonprofit dedicated to expanding access to computer science in schools and increasing participation by young women and underrepresented groups. The Cain Center partnered with the [Capital Area STEM Network Center](#) (LaSTEM Region 2) and brought the [Code.org](#) partnership to LSU.

For more information on 2022-23 Code.org training opportunities:

Rose Kendrick

Program Manager

## Student Opportunities

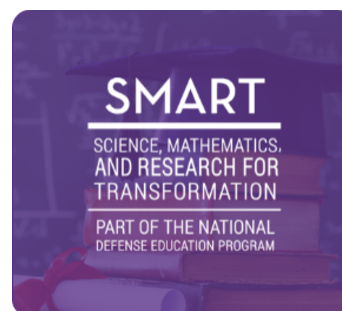


### Digital Media Skills Training for Teens

Beginning this month, [Walls Project](#) in alliance with [Futures Fund](#) training program will offer *Coding for the Web* and *Digital Photography* workshops. Visit their [website](#) for dates, descriptions, as well as tuition & scholarship details. Apply today!

### US Department of Defense SMART Scholarship for Service Program

The Science, Mathematics, and Research for Transformation (SMART) [Scholarship-for-Service Program](#) is a combined educational and workforce development opportunity for science, technology, engineering, and mathematics (STEM) students. Application period runs Aug 1-Dec 1.



### New Advanced H.S. Math-Based Dual Enrollment Courses

Has your high school student already passed AP Calculus BC but is now seeking additional math-based dual enrollment courses? This year, the LSU-Alexandria

Mathematics Department will offer asynchronous online Dual Enrollment courses in Calculus III, Linear Algebra, and Differential Equations. The cost is \$33 per credit hour.

The LSU A&M Mathematics Department will offer small group instruction corresponding to these particular LSUA mathematics courses. Enrollment is limited to 3-4 students.

## Educator Opportunities

### Quality Science & Mathematics Grants

**What:** Awards up to \$2000 for non-consumable instructional materials and equipment in math, science & STEM

**Who:** Full-time public PK-12 teachers assigned to teach regular math, science, or STEM courses

**Deadline:** Sunday, Sept. 11 at 11:59p

Visit the [QSM website](#) for access to the grant portal, tips, resources, and training sessions that help you prepare your grant application.



### Useful STEM Links

[Citizen Science](#) Volunteer Opportunities

[You Be the Chemist, Chemistry Challenge](#) Grades 6-8

[Adventures of the Elements Book Series](#) Grades 6-8

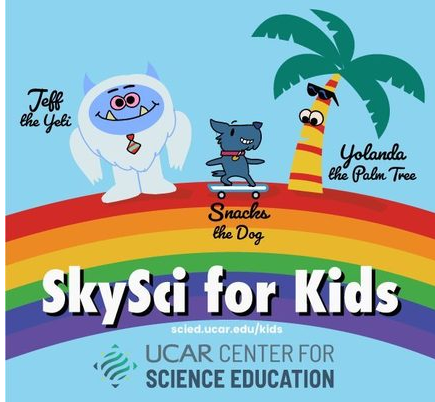
[AI Literacy Learning Units](#) K-12 Educators



## Family STEM

### New NSF-Approved K-5 Weather & Climate Science Website

The University Corporation for Atmospheric Research just released a brand new [website](#) that delivers playful



avenues for learning about weather, climate, and related science topics for children ages 5-10. Designed so that kids may explore independently or with a parent or caregiver. Teachers, find useful activities for your [classroom](#).

## Promising Practices



### Webinar: *Closing the Gender Pay Gap* featuring **Million Women Mentors** and PepTalkHer Aug 25 @ 02:00 PM CST

Women's Equality Day, as designated by Congress in 1971, commemorates the passage of the 19th Amendment to the U.S. Constitution, granting the right to vote to women. "Closing the Gender Pay Gap" will feature high-impact efforts of leading organizations that are actively working to close the gender pay gap and increase gender diversity in leadership roles.

Register

## Save The Date

**OCT 15**  
**Mini Maker Faire**  
**EBR Parish Main Library @ Goodwood**

Visit the Main Library at Goodwood for a gathering of fascinating, curious people who enjoy learning and who love sharing what they do. From engineers to artists to scientists to crafters, [Maker Faire](#) is a venue for "makers" to demonstrate hobbies, experiments, projects, and more at a family-friendly showcase of invention, creativity,



and resourcefulness. Glimpse the future, get inspired!

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