

# CORRIDOR CONNECTIONS

*The Official Newsletter of SCILS  
STEM Collective for Innovative Louisiana Stakeholders*

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## Louisiana Delta Community College Hosts Inaugural CSI Camp

In partnership with SCILS, Louisiana Delta Community College hosted a highly engaging and successful CSI Camp as part of its focus on forensic science and related career opportunities. Under the direction of Claire Shepard, LDCC Associate Professor for Forensic Science, students enjoyed hands-on experience through sessions on fingerprinting with powders/chemicals/rolling prints, foot wear and tool marks, bloodstain patterns, presumptive blood tests with enhancement reagents, and finally, working a mock crime scene. Incoming high school juniors and seniors from across Region 8 represented East Carroll, Franklin, Ouachita, Richland, and West Carroll parishes.



*Take a Look Inside:*

*Morehouse Parish Schools Robotics Camps, BPCC Recruiting Event, Girls Who Code, Fairy Tale STEM, ULM Grant Award, Louisiana Tech STEM Camps*



## DID YOU KNOW?

*When it comes to serving your country, the work of protection begins long before the frontline. The military is a high-tech operation using computers in many areas of operation, and the military's need for professionals in STEM continues to grow. Some of the top STEM jobs in the military include:*

1. Information Security Analyst
2. Computer Network Architects
3. Civil Engineers
4. Environmental Engineers

Food for thought . . .

Employers across industries face the burden of STEM talent gaps and understand the imperative to increase diversity in STEM roles. Yet, many employers turn to the same populations, geographies, and systems to find talent year after year. In doing so, they are either missing out on viable sources of talent entirely, or they underestimate the potential power of their unique role in growing and strengthening such pools. One of the most compelling yet overlooked talent pools includes **U.S. Military Veterans**.



## Morehouse Parish Schools Hosts Robotics Camps

Utilizing SCILS funding, Morehouse Parish built upon the success of its 2021 robotics camps by offering both Robotics I and Robotics II within its 2022 camps and enrichment offerings.





## Bossier Parish Community College Hosts Recruiting Event at General Dynamics

Bossier Parish Community College held a recruiting event at General Dynamics to help move non-IT employees into IT roles. Because some of the employees had not worked for GDIT for one year and therefore were not eligible for the employee tuition program, BPCCC utilized SCILS funding to offer scholarship for the first CTEC 101 class. This allowed the student participants to get a head start on pursuing their new careers in IT.



## Girls Who Code Kicks Off Lincoln Parish Summer Camps

The Lincoln Parish STEM Center kicked off its 2022 summer schedule of camps with both Girls Who Code and Girls Who Code II. During the first session each day, young female beginning coders had the opportunity to work with mentor leaders who went through the camp last summer.



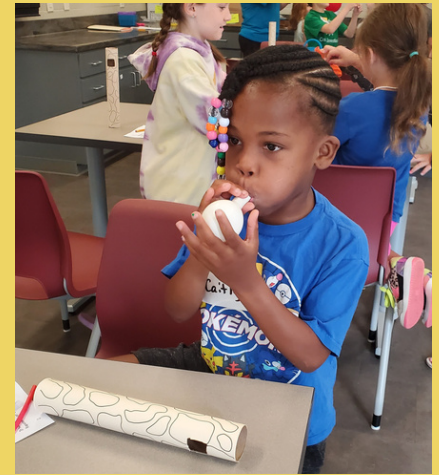
## Agriculture Companies Have Lots of Job Openings in STEM Fields, Far from the Farm

Did you know plant science and ag companies are looking for scientists and others in STEM to fill positions in labs or in front of computers that may not fit the traditional image of agriculture? Across the industry, there's a growing need for scientists at every level as agriculture becomes more high-tech and employers are increasingly looking for people who don't have a traditional ag background for different positions.



## Fairy Tale STEM Returns

SCILS helped support the highly popular Fairy Tale STEM Camp as it returned to the Lincoln Parish STEM Center with design challenges that included building a sturdy house for the wolf in the Three Little Pigs, an escape route out of the tower for Rapunzel, a basket for Little Red Riding Hood as well as exploring technology for a better way for her to communicate with grandma, and a bridge for the Billy Goats Gruff to cross the stream without disturbing the troll.



## University of Louisiana at Monroe Awarded STEM Pathways Grant

SCILS joined with satellite partner the University of Louisiana at Monroe to promote *Hazards Mitigation Pilot*, an innovative effort to provide curricular resources for high school STEM education that engages students in explorations and applications of measures that humans can use to manage and mitigate hazards connected to weather, geologic phenomenon, and aquatic phenomenon. The Louisiana Department of Education is supporting interested Louisiana educators in conducting a pilot of the materials and provide feedback to inform the design and potential future implementation of high school STEM coursework for Louisiana's teachers and students. The *Hazards Mitigation Pilot* integrates a series of electronic resources, lab activities, videos, and assessments that involve students in building relevant knowledge and skills within STEM and Earth Science topics. The goals of the *Hazards Mitigation Pilot* are to: support teachers with best practices and practical tools to authentically immerse students in the exploration of natural hazards, mitigation strategies, and Earth Science; increase teacher content knowledge and student understanding; and build student proficiency in the analysis and feasibility of mitigation strategies. For more information, contact Dr. Anne Case Hanks at [casehanks@ulm.edu](mailto:casehanks@ulm.edu).

## Louisiana Tech University College of Education Hosts Summer Camp Series

SCILS supported Louisiana Tech University's College of Education as it kicked off its 2022 summer STEM Camps with coding and robotics followed by flying things and projectiles. Students will also have the opportunity to engage in sessions dealing with material science (plastics, composites, concretes and metals) as well as sound and electronics.

