///ACE INSTITUTE for ADVANCING COMPUTING EDUCATION

SCILS Recruiting for Two NSF Grants

The SCILS Region 8 LASTEM Center is proud to have been selected to partner with the Institute for Advancing Computing Education for two different NSF Grants. The SCILS team is recruiting teachers across the region to participate in these innovative pilot programs. The first, "BELLS," allows K-2 teachers to partner with the team to design, develop, and test a new computer science picture book series in their classrooms. No prior experience teaching computer Science is needed to help bring literacy and computer science to life through stories. The second grant, "AIPP," or AI Pair Programming, is designed for high school Computer Science Teachers to co-develop and learn about new practices for students when learning to program with AI. Its purpose is to help teachers successfully teach students to learn to program with AI through AI pair programming. Both opportunities are available on the SCILS social media sites.

SCILS is housed in the SciTEC Division in the College of Education and Human Sciences at Louisiana Tech University

Growing STEM in Your Community: Planning a STEM Festival

Sarah Derry, Ph.D.
South Central STEM Hub, Drake University
sarah.derry@drake.edu

Jesse Wilcox, Ph.D.
University of Northern Iowa
jesse.wilcox@uni.edu

Derry & Wilcox (2021) Growing STEM in Your Community: Planning a STEM Festival

This presentation and STEM festival planning resources at https://bit.ly/3wkTLf6

Planning a STEM Festival

STEM Nights and STEM Festivals do far more than put student projects on display—they create active, memorable learning experiences that strengthen school culture, build community partnerships, and inspire students to see themselves as creators, problem-solvers, and future innovators.

Check out the resource below for everything you need to know to host your own STEM Festival.

EXPLORE PRESENTATION

THIS MONTH'S RESOURCES

SUPPORTING AI EDUCATION IN OUT-OF-SCHOOL TIME SPACES

TECHNOVATION

AI education in after-school and other out-of-school time (OST) settings, such as clubs and camps, is vital because it offers equitable access to future-ready skills, reaching students who may lack exposure during the school day. These flexible, informal learning environments are ideal for hands-on, project-based learning that demystifies AI and fosters critical thinking about its societal impact.

LEARN MORE & WATCH WEBINAR

TEACHENGINEERING

TeachEngineering.org is an inspiring gateway to bring the power of real-world STEM learning to students. With thousands of free, standards-aligned lessons, activities, and units created by leading universities and educators, TE equips educators to weave engineering concepts into any curriculum while staying aligned with academic goals.

TEACHENGINEERING

MORE INFORMATION

THE LOUISIANA STEM COLLABORATIVE PROJECT IS PRESENTED IN PARTNERSHIP WITH THE NATIONAL GIRLS COLLABORATIVE PROJECT

NGCP
CONNECT + CREATE + COLLABORATE = STEM TRANSFORMATION

NGCP ANNOUNCEMENTS

STEM LEARNING JOURNEYS FOR AFTERSCHOOL PROGRAMS

Afterschool educators can now access free STEM Learning Journeys designed specifically for out-of-school-time settings—plus an opportunity to earn a stipend of up to $1,500. Developed by STEM Next in partnership with Verizon™, these lesson and activity bundles help afterschool educators engage youth in hands-on STEM learning on topics including AI, sustainability, space, and engineering.

EXPLORE THE RESOURCE

STUDENT VOICES IN AI: AN EXTRACURRICULAR CLUB FOR STUDENT AI LEADERS

The Student Voices in AI program empowers students to lead conversations about how to use AI in their schools effectively. Over 12 weeks, students build confidence in navigating AI in their school lives, engage their community to understand local perspectives, and propose school guidelines or policies. Through a mix of projects, activities, and conversations, the club fosters community dialogue and helps teens develop a thoughtful approach to using AI in school.

LEARN MORE