



March 2024

Please feel free to share this with your colleagues.

Carol Meyer Scholarship Applications Open - Please Share -

The Louisiana Association of Teachers of Mathematics is pleased to honor the memory of Carol Meyer, an elementary school mathematics teacher who died unexpectedly at an early age. Carol loved mathematics and was a recipient of the Presidential Award for Excellence in Mathematics and Science Teaching. She was an outstanding math teacher and a fervent worker on the LATM executive board. She was always generous in sharing her love of math with her students and fellow teachers.

In Carol's memory, the Louisiana Association of Teachers of Mathematics is pleased to award two \$500.00 scholarships each year to college upperclassmen with a declared major in elementary education, mathematics education, or mathematics. In addition to the scholarship, the awardees shall receive complimentary LATM student memberships. It is our hope that another future outstanding mathematics teacher or mathematician will be helped along the way by this award.

Requirements:

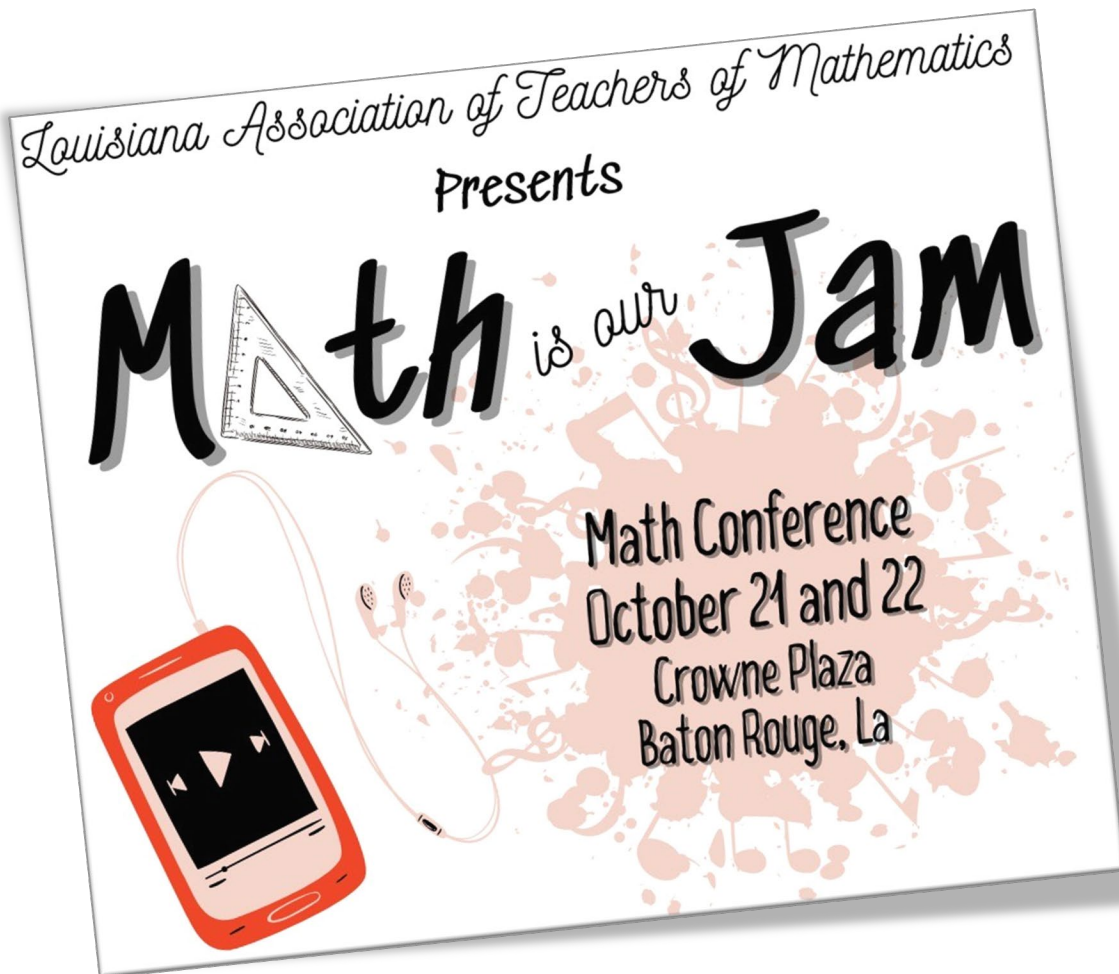
- 1) College undergraduate with at least 40 hours completed
- 2) Declared major in elementary education, mathematics education, or mathematics
- 3) Anticipated graduation date after May 2024

Applications must be submitted by April 26, 2024.

The link to apply will be on the Awards Page found at <http://lamath.org/Awards.htm> or by clicking

[Carol Meyer Scholarship Application Link.](#)

Save the Date!



The Energize Project is pleased to offer free Computer Science Praxis training and a \$350 stipend to 1000 Louisiana 6th-12th grade teachers.

Advance your skills and gain additional credentials at no cost to you.

Apply for the 40-hr Energize Project Here Now! Training starts March 19th. Seats are limited.

The Energize Project is a LDOE funded professional development opportunity, designed to get 6th-12th grade Louisiana public and public charter school teachers certified to teach Computer Science.

The Energize Project is at no cost and includes 40 hours of training designed to prepare you for the Computer Science Praxis Exam. Participants will receive study materials and support, a waiver to cover the cost of the Computer Science (5652) Praxis Content Area exam, and a \$350 stipend upon completion. The trainings are offered in both virtual and hybrid formats.

This project is led in partnership by the Northshore Regional LaSTEM Center, and Southeastern Louisiana University's College of Education and Department of Computer Science.

Applications for The Energize Project are still open! **Apply Now!**
 For more details see the attached flyer or northshoestem.org/energize
 Questions? Email energize@northshoestem.org

Applied mathematics through artistic computer programming projects

Offer ICT with **Algebra 1** to support fluency in

- the coordinate plane,
- integer and rational number systems,
- geometric transformations
- ratios,
- functions,
- etc

ICT

Computing Curricula At NO COST to low income schools!

```

program = drawingOf(whales)
whales = combined[orca1, orca2, back
-----the first whale starts here
orca1 = combined[head, neck, fin1, fin2
head = combined[head1, head2, head3, head4]
head1points = [[(-6,1), (-3,1), (-4.5,-2)]
head1 = painted(solidPolygon(head1points), "lightskyblue")
head2points = [[(-6,1), (-2,-1)]
head2 = solidPolygon(head2points)
head3points = [[(-4.5,-2), (-2.5,-2.5), (-2,-1), (-3.6,-0.24)]
head3 = painted(solidPolygon(head3points), "lightskyblue")
head4points = [[(-3,1), (-3.6,-0.24), (-2,-1), (0,0)]
head4 = painted(solidPolygon(head4points), "lightblue")
                    
```

**samples of student work*

Other Computing Courses Developed by BRBYtes:

- Introduction to STEM Pathways & Careers
- Survey of Computer Science
- Interactive Computing
- Data Manipulation and Analysis
- Cybersecurity
- Programming for STEM

Create Logos for your future business

- Exploratory, student led unplugged activities,
- Analytic driven code reviews,
- Exercises in computational thinking,
- Open ended creative projects with real world application

**largely AI proof*

Teachers may be compensated \$4,100, and Districts may receive CTE/CTF funding for offering ICT to Algebra 1 students at high-need schools.

EMAIL INFO@BRBYTES.ORG
 ASAP FOR MORE INFORMATION

Explore More:
WWW.BRBYTES.ORG

LACUE
Louisiana Association of Computer Using Educators

POCKET PD
FOR THE ENGAGEMENT EMPOWERED EMPLOYEES—PROFESSOR TEACHERS

WE HAVE A GREAT RESOURCE FOR ALL LOUISIANA EDUCATORS!

WESTON KIESCHNICK'S POCKET PD FREE FROM LACUE!

Request Access TODAY!! bit.ly/LACUEpocketpd

Pocket PD includes more than 20 of the most highly effective and highly engaging classroom strategies. Weston explains each strategy in 15 minutes or less. A classroom sketchnote to display in your classroom is provided for each strategy as an at-a-glance reminder of the strategies!

The LACUE organization is happy to provide all current and future LOUISIANA teachers with a copy of Weston Kieschnick's Pocket PD Series. You may share this document with any teachers in Louisiana at a public, private, or parochial school.

[Link to the Pocket PD Document!](#) (Note: Click on the Audio Link in the bottom left-hand corner of each sketchnote to listen to the audio file.)

Follow Weston Kieschnick on Instagram. He gives you 3 things every day. [@westonkieschnick](#)

NSTA Conference Reviewers | Share

The window to volunteer as a reviewer for the NSTA New Orleans Conference is now open. Volunteering for this may give people some hours to credit against the full registration fee.

Consider volunteering and share with your Louisiana friends.

<https://www.nsta.org/conference/reviewers>

EdOpportunities Database



From field trips and professional development to experiential learning, classroom funding, and contests, search from hundreds of local organizations for field trips, professional development, camps, experiential learning, internship, classroom funding, scholarships, contests and more. Select your path below and find out what's happening in your community. Visit:

<https://opportunities.stemlibrarylab.org/>

SeaPerch

April 6 | 8:00 – 5:00

For Middle and High School Teachers

Build an underwater remotely operated vehicle (ROV) and engage your students in inquiry-based learning with real-world applications! SeaPerch is an innovative underwater robotics program that introduces basic engineering and science concepts and fosters key 21st century skills including critical thinking, collaboration, and creativity in an in- or out-of-school setting. Stipend available.

Location: GNO STEM

[Register for SeaPerch](#)

BeyondReality@UNO – Virtual Reality Labs

June 13-14 | 9:00 – 4:30

For Middle and High School Teachers

Bring Virtual Reality to your students with BeyondReality@UNO, a virtual reality maker space funded by NASA that allows you and your students to use VR tools. The 2-day workshop will guide teachers through the use of 2 different VR labs – Density and Materials – with follow-up hands-on labs for each. Teachers may then bring their students to the BeyondReality@UNO maker space or request the equipment be brought to them to use in their classrooms. The facility includes virtual and extended reality headsets, software, and computers. Our experts provide training in 3D virtual reality development and extended reality use in education and training applications. **Teachers will be paid \$200 stipend and refunded their registration fee upon completion of the workshop.**

Date: June 13th-14th

Time: 9:00 - 4:30

Location: UNO

[Register for BeyondReality@UNO](#)

ASM Materials Camp®-Teachers UNO - June 24-28

ASM Materials Camp®-Teachers is a free, week-long, idea-generating workshop introducing teachers to methods that make math and core science principles more enticing and relevant to their middle and high school students. Materials topics are great motivators in any engineering, technology or science course as students learn concepts that are reflected in their everyday lives.

PROGRAM HOURS

Monday - Thursday, 8:00AM - 5:00PM

Friday, 8:00AM - 3:00PM

WHAT MAKES US DIFFERENT

Teachers leave our camps able to engage students using simple, low-cost experiments that integrate into existing lesson plans.

Participants are eligible to receive four (4) Continuing Education Units(CEUs) and can opt for two (2) graduate level credits.

CAMP SCHEDULE

For more information and to view the 2024 ASM Materials Camp®-Teachers Summer Schedule, [click here](#).



GNO STEM PRESENTS:
**3-D Printing
Professional
Development
Workshop**

**For Middle and
High School
Teachers**

Workshop Topics:

- 2D and 3D sketching and progression to 3D printing
- Use of computer aided drawing program Tinkercad and classroom management with program
- Types of 3D printers, purchasing and maintenance
- Projects that utilize 3D printers
- How to work in a 1-printer classroom
- Grants available for printers

Date & Time:

- Wednesday, July 10, 2024
- 9:00 am - 3:00 pm

Location:

- University of New Orleans
Oliver St. Pe' Center (TRAC)

Teachers Receive:

- Teachers will receive a **\$100 stipend** for their attendance
- Valuable resources and strategies to implement 3D printing in their classrooms

Spaces are Limited. Register Now!

<http://gnostem.org/team-view/teacherpd/>

or scan the code





LearningBlade®

STEM / CS / CTE Career Awareness Resources



FREE STEM/CS/CTE RESOURCES FOR MIDDLE SCHOOL

WHAT IS LEARNING BLADE?

An online system that allows ANY teacher to provide Science, Technology, Engineering, and MATH (STEM), Computer Science (CS) and Career and Technical Education (CTE)



- ✔ Aligns to all states' academic standards for grades 5-9
- ✔ Builds awareness and interest in STEM, CS, and CTE careers and technologies
- ✔ Introduces basic CS concepts and text-based computer programming
- ✔ Adopted statewide in multiple states and used nationwide with over 6,000,000 lessons completed



WHY CAREER AWARENESS MATTERS!

It increases student interest in STEM/CS/CTE career paths



- ✔ 42% of adults say they would have pursued STEM courses if they knew about the careers
- ✔ CTE Perkins V requires career exploration in middle school
- ✔ 93% of teachers say Learning Blade provides real-world application of academics

OUR RESULTS:

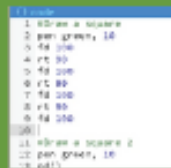


69%↑
RECOGNIZING
WHAT THEY LEARN IN SCHOOL
WILL BE USEFUL
LATER ON IN LIFE

2x # OF
STUDENTS WHO
WANT TO BE
ENGINEERS
& SCIENTISTS

"Using Learning Blade, I learned about careers I had never heard of before!"
Middle School Student

NEW CODING RESOURCE



Introduction to Coding course for middle-schools is 20+ hours of robust coding including both online and offline activities.

CSTA CSTA Accredited Training

ADDITIONAL TEACHER RESOURCES:

- ✔ Hands-on projects
- ✔ Design thinking exercises
- ✔ 3D printing projects and models
- ✔ Career videos and lessons
- ✔ Parent activities



Learning Blade is offered for FREE in your state:

www.LearningBlade.com/States

Request FREE Training or a Demonstration

info@LearningBlade.com 423-521-2309



STUDENT OPPORTUNITIES

AICS MINICAMPS

Analysis and Investigation of Cyber-based Scenarios

Over the last 15+ years, Louisiana Tech has hosted two different week-long camps over the summer to engage students in the field of cyber security and give professional development to high school teachers known as Cyber Discovery / Analysis and Investigation of Cyber-Based Scenarios (AICS) cyber security camp. This year we are bringing a mini "one-day" version to the Ruston area on **Saturday, April 27th** so that more students can participate.

This weekend opportunity provides students the opportunity to take the role of Department of Homeland Security agents, seeing how cyber security issues impact national security, cause ethical dilemmas, and impact the world we live in. Students are given real-world cyber security scenarios that they must work as a team to identify the problem, assess the data and facts, and create a solution. Teams are given a scenario of something that has happened in the world that has risen to the level of national security. They are analysts that are tasked with figuring out who did it, how, and what the US response should be. Students do not have to know any background material, and they don't have to be focused on STEM. Actually having students that have a variety of interests is even better. Louisiana Tech will bring faculty specializing in a variety of subjects – Engineering and Liberal Arts – to facilitate and engage with students.

When: Saturday, April 27, 8:30 AM – 3:00 PM (Check in – 8:00 AM)

Where: LA Tech – Integrated Engineering and Science Building

Who: Schools can register teams of 6-8 students (freshman-senior). Students do not have to only be interested in cyber security – students interested in both liberal arts and STEM are all encouraged. Teachers (Liberal Arts or STEM backgrounds) are encouraged to participate with the students on their team, but do not have to. One school can have multiple teams. We actually encourage as many teams as possible so that more students are able to participate. We want this to be a friendly competition among the schools.

Team Sign Up – You can register your team of students here:

[Cyber Mini Camp Registration](#)

For more information contact Dr. Heath Tims at htims@latech.edu



REGISTER YOUR 5TH-7TH GRADERS FOR BATS!

JOIN US FOR A FUN DAY OF STEM AT TULANE!

STUDENTS IN GRADES 5TH-7TH
ARE INVITED TO JOIN US AT

BOYS AT TULANE IN STEM

SATURDAY, APRIL 13, 2024

Participants will get to visit three hands on workshops where they will meet all kinds of scientist and engineers at Tulane. A \$10 fee is required. Students will receive a T-Shirt and swag bag with materials. Lunch and snacks are also provided!

SCAN THE QR CODE TO REGISTER!



Teachers of 3rd through 8th grade students can also participate in BATS!

Teachers will get to experience three workshops hands-on, discuss how to implement the activities and aligned standards in their classrooms, and receive both aligned curricula ideas AND supplies to bring the activities back to their school! \$100 STIPEND also provided for attending! Use the QR code to register.

— TULANE —
CENTER FOR
K-12 STEM
EDUCATION





FREE Virtual Exchange STEM Program

The Experiment Digital *Leadership in STEM* prepares participants to be more civically engaged and lead change. This **fully funded six-week summer virtual experience** teaches high school students to formulate and implement STEM projects in their local communities.

The Experiment Digital is designed to connect hundreds of young people across the United States, Middle East, and North Africa (MENA) region.

Our application to the **2024 Experiment Digital program is now OPEN!** To learn more about our program, click [here](#). Spaces are starting to fill, so be sure to share the application with your students. Students and parents/guardians can apply by clicking [here!](#)

Priority admissions deadline: February 23, 2024. Final admissions deadline: May 13, 2024

Read and share program flyer [here](#). If you have any questions, feel free to reach out at: digital@experiment.org.

[Visit Website](#)

LATM Membership Is Now FREE!

If You Are Not A Member, JOIN!!

Share with your colleagues! **Louisiana Association of Teachers of Mathematics** membership is now complimentary for math educators and future math educators. Visit our [membership page](#) to join. Current members do not need to re-apply.

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