

2025 GEORGIA STEM DAY Event Agenda



TAG-Ed
Education Collaborative

3/7/2025

9:00 – 2:00 PM

REGISTER TODAY AT
[TAGEDONLINE.ORG](https://tagedonline.org)

9:00 a.m. Welcome and Opening Remarks

9:10 a.m. Empowering Minds: How STEAM and AI Shape Tomorrow's Innovators

Join us for a panel discussion on how the fusion of Science, Technology, Engineering, Arts, and Mathematics (STEAM) with Artificial Intelligence (AI) is shaping tomorrow's innovators. Our experts will explore how AI is advancing STEAM fields and creating opportunities for all. Discover how AI and STEAM education breaks barriers, fostering creativity, and empowering talents in a rapidly evolving world

Panelists:

- **Nikhil Kassetty**, Software Engineer & Technology Thought Leader
- **Liberty White**, Founder & CEO, She Learns AI
- **Dr. Phenix Culbertson**, Associate Director of Employer Relations, Georgia State University's Robinson College of Business

Moderator:

- **Leida Montanez**, Project Management Consultant & CEO, LMPM Consulting

10:00 a.m. Ethical Hacking with Radio Waves

In this session, STEM@GTRI will share how modern devices use invisible light waves to communicate – and how others can “hitch a ride” on these waves to gather information, conduct exploits, and more. This session will connect what students learn in middle school science to real-world applications and share how students can help their schools and families be more cyber secure.

Facilitator: Moeini Reilly, Research Technologist, Georgia Tech Research Institute

10:55 a.m. Odd in the Ocean

An exploration into understanding the Ocean and Marine Animal Adaptations. The Ocean is made of many layers, the further down you travel, the less light you'll see and the colder the water gets. The strange and beautiful creatures that live in these various environments have adapted to thrive. Join us as we explore regions of the Ocean, the layers of its depths, and the organisms that have adapted to live in these strange environments!

Facilitators:

- **Chinmayi Kankipati**, Education Operations Specialist, Georgia Aquarium
- **Aaron Lemson**, Environmental Educator, Georgia Aquarium

11:45 a.m. Tools for Teachers: Learn to Code with Code Club

Join us for Learn to Code with Code Club, where Amanda Egbu, the Program Coordinator, will introduce teachers to Code Club's free digital resources from the Raspberry Pi Foundation. Code Club is a globally successful model designed to boost young people's confidence in computer science through informal, after-school coding clubs. In this session, you'll learn how teachers and volunteers can access free training and resources to empower students and feel confident in every session. Don't miss out on the opportunity to bring this exciting, accessible program to your school!

Facilitator: Amanda Egbu, Program Coordinator, Raspberry Pi Foundation

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12:20 p.m.

Weathering the Future with NOAA

Bring weather science to life for your students with the National Weather Service (NWS) Atlanta/Peachtree City! This session will inspire your students to explore the wonders of weather science. Don't miss this chance to transform your classroom into a hub of discovery!

Facilitator: National Weather Service Team

Note: As pre-work, teachers are encouraged to watch the following videos from NOAA Scijinks with their class:

- [Why does the Wind Blow?](#)
- [Meet a GOES-R Series Weather Satellite](#)
- [What are the Different Types of Clouds?](#)
- [What Causes a Thunderstorm?](#)
- [Making a Weather Forecast](#)

1:10 p.m.

Theater Arts Strategies in the Science Classroom

Join the Alliance Theatre on an arts-filled, interactive workshop. Explore how the four Tools of the Actor (body, voice, imagination, concentration) connect to elementary math and science content. This workshop is highly interactive and engaging; students will participate in theater games that reinforce their understanding of standards. Explore new teaching strategies to apply to any content area, discover your students' creativity, and have fun while learning.

Facilitator: Rebecca Pogue Fields, Head of Elementary School Programs, Alliance Theatre

2:00 p.m.

Closing Remarks