

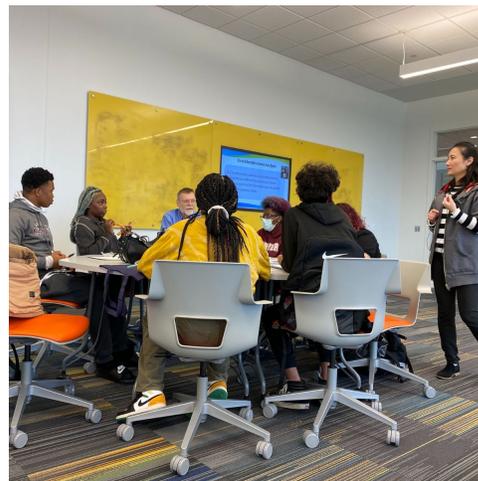
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## December 2022 Newsletter

**Welcome to our monthly newsletter!**

**Learn about recent STEM outreach initiatives and upcoming programs.**



## Concludes with End of Auburn University's South's BEST Era

COSAM's STEM Outreach office and the Southeastern Center of Robotics Education (S.C.O.R.E) hosted our oldest and newest programs over the last month.

The Department of Mathematics welcomed over 60 students to campus for a Modeling the Future Challenge Workshop on November 16. Students learned about actuarial science (using mathematical and statistical analysis to assess financial risks), toured campus and practiced the actuarial process to make informed decisions about uncertain outcomes.

Dr. Christian Goldsmith from the department of chemistry and biochemistry discussed metals in the human body at the Science Pub on November 17.

STEM Outreach hosted South's BEST on December 3 and 4. This marks the 20th and final year the regional robotics competition has been hosted at Auburn University. [To read more about South's BEST click here.](#)

Check out what we have in store for the start of 2023.

**Click here for information about how to apply to our FREE Summer Science Institute (SSI) for outstanding 11th and 12th grade students.**

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## UPCOMING EVENTS

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### Getting Under the Surface (G.U.T.S.)

**What:** Santa needs help getting everything ready at the North Pole! Join us for a fun night solving holiday STEM Puzzles.

**When:** Thursday, December 15

**Where:** SCA 101

**Time:** 6:30 - 7:45 p.m.

To register for G.U.T.S. please [click here](#).

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## Signature Event

**What:** SCORE Showdown, presented by Hyundai, is a VEX Robotics Tournament that brings teams across three age levels from around the world together. Teams compete in the VEX Robotics Competition (VRC) or VEX IQ Challenge (VIQC).

**When:** Sunday, January 15 - Thursday, January 19

**Where:** Great Wolf Lodge - LaGrange, GA

**Time:** All Day

To volunteer for the SCORE Showdown please [click here](#).



## MaPP

**What:** Teams of 5 to 8 students in grades 9-12 engage in real-world problem solving and critical thinking skills through a mathematics puzzle challenge.

**When:** Saturday, February 11

**Where:** Parker Hall

**Time:** 10 a.m. - 2:30 p.m.

To sign a team up for MaPP '23 please [click here](#). To find out more information about MaPP please [click here](#).



## EmpowerHER

**What:** A mini conference to encourage 8 - 10th grade girls interested in pursuing STEM careers. Participants engage with women across science and math disciplines during break-out sessions, panel discussion and lunch.

**When:** Tuesday, February 14

**Where:** Auburn University

**Time:** 8:45 a.m. - 12:45 p.m.

If you are interested in having your school participate in EmpowerHER please contact Cara Brittain at [cnw0012@auburn.edu](mailto:cnw0012@auburn.edu).



## VEX State Tournament

**What:** The VEX State Tournament will host students in grades 3 - 12. The High School VRC competition will take place on February 16, the elementary school IQ competition will take place on February 18 and the middle school competition will take place on February 19.

**When:** Thursday, February 16 - Sunday, February 19

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Please email Katherine Israel at [kisrael@auburn.edu](mailto:kisrael@auburn.edu) if you would like to volunteer for this event.

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[Oct. 2022]

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