

# AU College of Sciences and Mathematics Outreach

## Volunteer Sign-up Form

[www.auburn.edu/cosam/outreach](http://www.auburn.edu/cosam/outreach)

**If you would like to be included on the AU COSAM Outreach Volunteer List Serve, complete the form below and fax, hand deliver or email to:**

Mary Lou Ewald  
131 Sciences Center Classroom Bldg (SCC)  
Auburn University, AL 36849  
**Email:** [COSAM\\_Outreach@auburn.edu](mailto:COSAM_Outreach@auburn.edu)

**Fax: 334-844-5740**

**Phone: 334-844-5769**

Name: \_\_\_\_\_

Student, year (FR, SO, JR, SR, Grad. Student) and major: \_\_\_\_\_

Email Address: \_\_\_\_\_

Phone Number (Cell or Home) \_\_\_\_\_

T-Shirt size (circle one): S M L XL XXL XXXL

If you have volunteered in the past, please list the programs: \_\_\_\_\_

List campus club/organization(s) are you associated with: \_\_\_\_\_

### **COSAM Outreach Programs**

<b>Check your volunteer interest</b>	<b>Volunteer Category (see descriptions below)</b>	<b>Date</b>
	GUTS (Getting Under the Surface)	Sept TBA, Oct. 29, Nov 17
	Fall YES	Oct. 3
	War Eagle BEST	Oct. 10
	South's BEST	Dec 11 & 12
	Math-a-thon	Jan. 23
	Science Olympiad	Feb. 27
	Greater East AL Science and Engineering Fair	March 10
	Spring YES	TBA
	AU Explore	TBA

## **Program Details**

**AU Explore** - Beginning in the spring of 2005, COSAM initiated a new science and math open house day called AU Explore. The 2009 event attracted approximately 1500 students in grades 5-8 to the AU campus to participate in dozens of activities including an outdoor science-theme carnival, dozens of make-n-take activity sessions, a science career EXPO, a wildlife pick-n-pet tent with a variety of wild animals, and much more.

**BEST Robotics** (Boosting Engineering, Science and Technology) - BEST is a non-profit, volunteer organization whose mission is to inspire middle and high school students to pursue careers in engineering, science, and technology through participation in a sports-like, science- and engineering-based robotics competition. BEST Robotics Inc. (BRI) is a national non-profit, volunteer organization based at Auburn University. Started in 1993 with 14 competing schools and 221 students, today BEST has over 700 middle and high schools and over 10,000 students participating each fall. There is no fee for schools to compete in BEST.

**War Eagle BEST** - Co-hosted by Auburn University's College of Sciences and Mathematics and Samuel Ginn College of Engineering, War Eagle BEST is open to all public or private schools in the Central Alabama region. Our mission is to impact K-12 education across Alabama through schools' participation in BEST. By impact, we mean to help prepare today's youth to become technologically proficient, thus prepared for tomorrow's workforce.

**The South's BEST** -In fall of 2003, Auburn University became the eastern regional championship site, The South's BEST, for high school and middle school teams from 11 BEST competition sites located east of the Mississippi River. Each year, we host approximately 2500+ students at Beard Eaves Coliseum for this 2 day extravaganza.

**Fall and Spring Y.E.S.** - These are one-day Saturday science academies for students in grades 7-9 (Fall) and grades 4-6 (Spring). Students explore hands-on, minds-on activities in mini-courses like Astronomy, Environmental Science, Forensics, Polymer Chemistry, Paleontology, and Biology.

**Getting Under The Surface (G.U.T.S.)** - G.U.T.S. is a monthly evening program aimed at students in grades 1-8 and their parents or grandparents. Each session includes a 90-minute science activity featuring a "Getting Under The Surface" theme, with common objects such as toasters or cell phones, or techniques like DNA fingerprinting, that can be demystified using simple scientific concepts.

**Greater East AL Regional Science and Engineering Fair** - Annually in the spring, AU hosts a regional fair as part of the Intel International Science and Engineering Fair for 19 counties in central and south Alabama.

**Science Olympiad** - Science Olympiad is a one-day sports-like science competition involving approximately 1,000 Alabama middle school students (February) and elementary students (March).