Mission Statement

The College of Sciences and Mathematics at Auburn University aims to promote scientific* literacy and interest among K-12 students, teachers, and communities in our region, our state, and our nation.

Goals of the College of Sciences and Mathematics Outreach Program include:

• Encourage interest in the sciences* in K-12 students
• Actively engage K-12 students and teachers in relevant and inspiring experiences in math and science
• To motivate K-12 students to reach their full potential in science by providing them with access to exciting, hands-on laboratory activities, enthusiastic science mentors, and a supportive environment that encourages their intellectual development
• Provide opportunities for Auburn University faculty and undergraduate and graduate students to share their passion for science with a broad audience
• To provide professional development opportunities for K-12 teachers to improve the quality of math and science education.

*The use of “science” in the mission and goals statements represents both science and mathematics.

Summary

To promote careers in science and mathematics among the K-12 students of today, the College of Sciences and Mathematics at Auburn University has designed an innovative outreach division offering special activities, workshops, and programs throughout the year for the general public and K-12 students and teachers. These activities are designed to provide a continuum of programs for students in various stages of their educational development.
2011 Activities
Current outreach program efforts of the College of Sciences and Mathematics are designed to achieve the above stated goals. In 2011 - January to December - over 11,630 students, parents, and teachers were reached through these efforts. A total of 14 on-site programs, with 73 contact days, were hosted / sponsored by COSAM’s Outreach Office. In the following pages, you will find the 2011 Outreach staff, a calendar of 2011 programs, a brief summary of each program offered (including funding sources), program reports for each program’s session, and bi-monthly newsletters distributed to outreach participants, parents, teachers, and other science outreach supporters.