

**Southwestern Summer Science and Mathematics Academy**  
**Southwestern Oklahoma State University**  
**Weatherford, OK 73096**  
**July 15<sup>th</sup> – 27<sup>th</sup>, 2012**

**Description:** The Southwestern Summer Science and Mathematics Academy is funded by Southwestern Oklahoma State University and a grant from the Oklahoma State Regents for Higher Education. Thirty-two high ability students who will be Sophomores, Juniors, or Seniors in Fall 2012 are invited to experience University life through the study of Science and Mathematics. During the first seven days of the Academy, students will participate in six academic science units offered by the Departments of Biology, Chemistry, Computer Science, Geology, Mathematics, and Physics. All units will involve hands on laboratory experiences. During the final two days, teams of students will be engaged in interdisciplinary problem-solving units directed by SWOSU scientists. Additional enrichment activities include science and technology seminars, a variety of social activities, and a physical fitness/recreational unit designed to entertain and enhance the participants' self-esteem and interpersonal communication skills. Career opportunities in science and technology will be an integral component of the program.

**Eligibility:** Students who will be sophomore, juniors, or seniors in Fall 2012 and who meet **two** of the following requirements may apply for admission:

1. Rank in the top 75th percentile on the MATS, ITBS, SAT, or ACT test.
2. Rank in the top 25% of their class.
3. Have a 2.5 or higher GPA in college prep classes.
4. Receive outstanding letters of recommendation.

**Cost:** There is **no direct cost** to the students. The State Regents for Higher Education and SWOSU provide room and meal plans. All materials required for lectures and laboratories will be provided.

**General Information:** All participants will be housed in air-conditioned dormitories. Each dorm (men's and women's) will have adult and student counselors. Participants will be provided with a full meal plan in the university cafeteria. Participants will have access to facilities regularly available to enrolled students: Pool, Wellness Center, Library, etc. Participants are required to return home for the weekend.

**Application Due Date:** Qualified applications will be accepted starting March 15<sup>th</sup> with the review process starting on a first come basis April 1<sup>st</sup> through June 15<sup>th</sup>, 2012.