



# AU Explore 2011

## Event Schedule and Descriptions

### Friday, April 29<sup>th</sup>

**Registration/ Check In** **8:00 - 9:30** **Roosevelt Concourse**

**Science Fun Shop Mini-Courses** **9:00, 10:00, 11:00 & 1:00** **Various Locations**

The "Science Fun Shops" are short, hands-on mini-courses focused on a particular topic. The courses typically last about 45 minutes and will have 25-40 participants.

**Science EXPO** **9:00 – 12:00** **SCL 1<sup>st</sup> floor, Tent behind SCL**

The Science EXPO is a series of dozens of interactive displays sponsored by the science departments that comprise the College of Sciences and Mathematics (COSAM) at Auburn –Physics, Biology, Chemistry/Biochemistry, and Geology/Geography. Students are invited to browse the displays at their own pace and be prepared to see, touch, hear, and smell the many wonders of science! Don't miss the Panning for Gold (with real gold!) and the Live animal displays, featuring snakes, lizards, turtles, spiders, insects, and many more fascinating creatures!

**Math EXPO Tent** **9:00 – 12:00** **Parker Hall Green Space**

The Math EXPO offers hands-on math activities and puzzles, sponsored by the Math/Statistics Department. Students can participate in a variety of challenges and win lots of prizes!

**Dr. Webb's Magic Show** **9:00 & 11:00** **Parker Hall 307**

*Hosted by Dr. Thomas Webb, retired, Chemistry/Biochemistry Dept.*

Taking time off from retirement after 32 years on the faculty, Dr. Webb returns with some of his favorite demonstrations: color changes, a smell or two, a couple of messes (don't try these at home!), and some cool (no, cold!) stuff.

**Herpetology Show** **10:00 & 11:00** **SCA**

*Hosted by Mike Wines, Biology Dept.*

Find out what Herpetologists do and interact with live snakes, frogs, lizards and turtles!

**Glass Blowing Science** **9:00, 10:00 & 11:00** **Parker Hall 319**

*Hosted by Wendell Sandlin, Chemisty/Biochemisty Dept.*

Come discover the secrets of glass blowing in this fascinating interactive demonstration.

**Birds of Prey Show** **9:00, 10:00 & 11:00** **Graves Amphitheater**

*Hosted by the Southeastern Raptor Center*

What do screech owls and eagles have in common? Discover all the unique qualities that raptors share and see them up close.

**Donald E. Davis Arboretum** **Open 8:00am to 4:00pm**

The Arboretum will be open from 8:00 a.m. to 4:00 p.m. Grab a map of the Arboretum, and venture along one of the many trails that wind through the beautiful 13 acres, or bring a picnic lunch and eat next to the lake or under the open-air pavilion. With hundreds of labeled trees and shrubs, the Arboretum offers a unique outdoor classroom experience!

### Science Fun Shop Course Offerings

**Build a Kaleidoscope**

**Silly Cilia**

**Microscopic Wonders**

**Build a Motor**

**Genes in a Bottle**

**Slimistry**

**Cartesian Diver**

**Survivor!**

**Match the Graph**

**Physics of Music**

**Hoo Eats Who?**

**The Private Eye**

**Snap Electronics**

**Bubble Mania!**

**SunScreen or SunBurn?**

**We-Do LEGOs**

**Art in Science**

**Fur, Feathers & Fins**

**All About Eyeballs**

**Medical Technology**