



FALL 2008

Special Points of Interest:

- * Costa Rica 2008—The Ultimate Summer Field Trip!
- * Check Us Out! And Let Us Know How We Can Help You!
- * The Lane Science Division's Traveling Show!
- * Required Back-To-School Reading! Biologist Gone Wild blogspot!

Costa Rica 2008—The Ultimate Summer Field Trip

The following was emailed from the Biology Instructor, Joe Russin during the Costa Rica Field Trip: "Monday, we headed North to La Selva, a field station of the Organization for Tropical Studies (OTS), world-renowned for tropical biology research. This was and will be the "stickiest" part of the trip, the hot, humid rainforest that makes up the Northeastern part of the country on the Caribbean side. Some are uncomfortable from the typical stuff: heat, bugs, boots, food, but overall, they're holding up well. It's great that nature provided excitement, even on the first day, to turn them (the students) on. They saw peccaries, toucans, monkeys, and even a baby sloth! The part they like the least (and me too), is squeezing in classroom time for an hour each day of conceptual stuff, in between all the field work. But it's a



necessary part of the class, to give them sufficient background knowledge. The general routine is: they get a guided nature walk the first day, sort of an overview of the habitat. The next day they're out in the forest doing their preliminary project observations, developing their hypotheses and methods, collect field data, then spending a day or so working up their analysis and conclusions, and developing a Powerpoint which they present to the class. In between there are night walks, boat trips, visits to various butterfly gardens, museums, and brief trips into town for various sundries, phone cards, etc. The main conceptual focus for them is to study in La Selva was the ecological and evolutionary adaptations and relationships of the tropical rainforest species." The Costa Rica trip is General Biology 103B; Field Biology, Costa Rica. This course is a 4-credit, lab-science, that counts for transfer credits. To read more, and view other photos from the trip, see the website at: http://lanecc.edu/science/russinj/CostaRica_2008.htm

Check Us Out! ...And Let Us Know How Can We Help You!



Please let us know how we can help you prepare all your science students for the next step in their education. Are you working on a project where specialized instruction would be useful? Are there resources or information that would enhance the science learning experience for your students? Are you interested in tips, tools or projects that Lane could provide to you and your students? We can provide information and classroom visits to talk about Science programs and courses offered at Lane. The Science Resource Center is also available for group use for all College Now students. Please contact any of the people listed on the next page, or Tana Stuart at (541) 463-5446 for more information.



The Lane Science Division Traveling Show is...

...Coming to a Career Fair near You! We would love to be invited to your school's Career and/or Science Fairs. We have a very interesting traveling show that includes all our Science Disciplines:

Anatomy and Physiology, Biology, Chemistry, Earth & Environmental Science, Engineering and Physics along with information on the Energy Management Program. We bring class room models of a human heart and skull replicas; creepy crawly things encased in acrylic; interesting and colorful rocks and minerals; a Newton's Cradle for Physics; a "hand" soap project from our Chemistry labs, and molecular models that bring common elements to life for your students, such as salt (one they can eat), diamond (one they can wear) and snow or ice (one they often pray for before a test day). We also have a model for a solvent that inspires second looks when we tell them it could be used for common products such as nail polish remover! Contact Tana Stuart at (541) 463-5446.



Catch up with Lane Science Alum, Emily Hamblen, as she hikes and works through the Yukon this fall and summer! Great back-to-school reading! <http://biologistgonewild.blogspot.com/>



Science Careers Start Here!

We're on the Web!
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