

**GEOGRAPHY 494:  
UNDERGRADUATE RESEARCH EXPERIENCE**

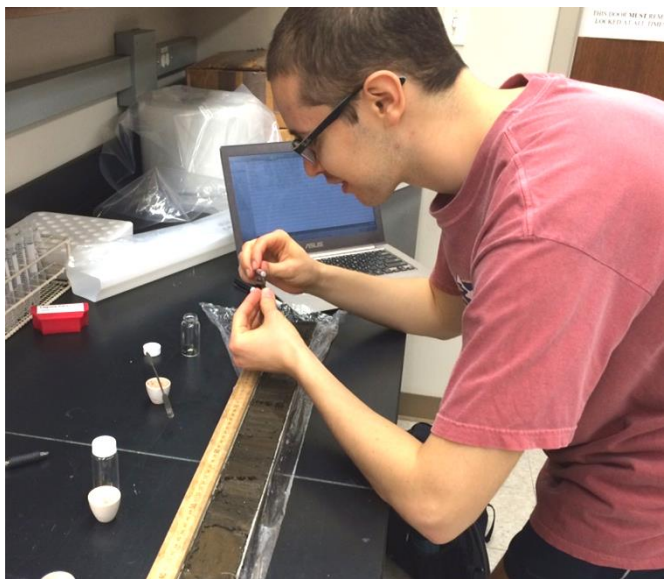
***EARN COURSE CREDIT FOR PARTICIPATING IN  
FACULTY RESEARCH!***

Do you need some units to complete your Summer or Fall 2016 schedule? Would you like to gain some research experience that could help you in your career path and give you an opportunity to interact more closely with professors and graduate students in our department?

If so, talk to your professors about the possibility of arranging a research experience that could earn you 1–3 units of credit in **Geography 494: Undergraduate Research Experience**. Geography 494 consists of supervised participation in active research projects in the department. Opportunities may be available in several areas of human and physical geography and geographic information science.

*One current Geography 494 opportunity is to assist Dr. Sally Horn and graduate students with studies of climate, fire, and human-environment interactions in Costa Rica and the southeastern United States. Graduate students Matt Kerr and Matt Boehm are working with Professor Horn to determine how droughts over the past 10,000 years affected natural vegetation communities and fire regimes, and patterns of human-environment interaction. We have scope to involve several Geography 494 students in these projects, based in the Department's Laboratory of Paleoenvironmental Research in the Science and Engineering Research Facility.*

*The 494 students who work with Dr. Horn and graduate students are assigned to assist with particular research projects, but also learn about other ongoing studies of past global change. Big tasks for this summer include sampling cores for stable isotope analysis, and counting charcoal particles that tell us about past wildfires, but you will also get exposure to other kinds of lab work. Participating in Geography 494 can give you the hands-on experience you may need on your resume for success in the job market or in graduate school. Contact Professor Sally Horn ([shorn@utk.edu](mailto:shorn@utk.edu)) if you are interested in the above or other possible opportunities to participate in research!*



*Undergraduates working on research projects in the Laboratory of Paleoenvironmental Research.*