

# Research Experiences for Undergraduates in Biodiversity Conservation

June 2 – July 30, 2009



University of North Carolina Wilmington



**Program Summary:** A multidisciplinary group of students and faculty will compare fossil, archeological and modern marine samples to study how the marine ecosystem has changed through time. We will determine the degree and nature of human impact, assess the health of the modern system, and identify possible approaches to protecting biodiversity.

Activities include the following:

- Collecting and studying fossils to reconstruct changes in the marine ecosystem over the past 3 million years
- Applying archeological techniques to American Indian shell midden materials to examine the marine system before intensive human influences
- Participating in research cruises and examining the health of the modern marine fauna
- Exploring environmental management implications of your work

Eligible participants include rising juniors and seniors in Archeology/American Indian Studies, Biology, Environmental Studies, Geology/Paleontology, and Marine Sciences. Members of underrepresented groups are especially encouraged to apply!

Benefits of participating: This “Research Experiences for Undergraduates” program will allow you to find out what doing research is like. You will have opportunity to work closely with a mentor, continue the research (if you wish) at your home institution, and present and publish your results. Such experience will enhance your resumé for job and/or graduate school applications. In addition you will receive:

- \$ 450.00 a week stipend for 8 weeks
- All expenses paid
  - Round-trip transportation to Wilmington
  - Free housing in university apartments
  - Per diem allowance for food (cook or eat out)
- Money to continue your research at your home institution
- Travel to present your research results
- A summer of fun at the beach!



For further information and an application form, check out our website at <http://www.uncw.edu/earsoci/> or contact Patricia Kelley at [kelleyp@uncw.edu](mailto:kelleyp@uncw.edu) or 910-962-7406.