

RESUME

CARLY JAN SMITH

Recent M.S. Graduate
Department of Earth Sciences
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CONTACT INFORMATION

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EDUCATION

M.S. Geosciences, December 2008, **Florida International University**, GPA 4.0
B.S. Geology, 2003, **College of Charleston**, Charleston, South Carolina, GPA 3.5
High School Diploma, 1999, Westerville, Ohio, GPA 4.0

SCHOLARSHIPS AND AWARDS

- TA Excellence-in-Teaching Award, Florida International University, 2008.
- The Honor Society of Phi Kappa Phi, 2008.
- Outstanding Student Award, College of Charleston, 2003.
- Golden Key Society, College of Charleston, 1999-2003.
- Highly Distinguished Honors, College of Charleston, 2002.
- Phi Delta Kappa Outstanding Future Educator Award, 1999.
- National Honors Society, 1998-1999.

RELEVANT WORK EXPERIENCE

Teaching Assistant, Florida International University, Department of Earth Sciences. Sole instructor for the History of Life Laboratory course GLY 1101L, for two classes of 20-25 students each, per semester. Fall 2006 to Fall 2008.

Undergraduate Teacher Assistant, College of Charleston, Department of Geology and Environmental Geosciences. Aided in the instruction and grading of thirty students for the Introduction to Geology course. Provided review and tutorial sessions. Fall 2003.

RESEARCH EXPERIENCE

Masters Thesis, **Florida International University**. Biogeographic comparisons of Neogene benthic foraminifera of the Caribbean and tropical eastern Pacific to determine the effects of the constricting Central American Seaway on neritic faunas. Fall 2006 to Fall 2008.

Microfossil Workshop, **Florida International University**. Collected and analyzed samples from South Florida for microfossil assemblages to assess the paleoenvironments and ecosystem changes of coastal wetlands. Spring 2007.

Dixie Plantation Project, **College of Charleston**. Using porewater diffusion cores, assessed nutrient cycling in a pristine salt marsh. Fall 2003.

Thin Section Analysis, **College of Charleston**. Determined depositional environment and diagenetic history of Leadville Limestone from Glenwood Springs, Colorado. Fall 2003.

Independent Study, **The Gerace Research Center**, San Salvador, Bahamas. Collected and identified over 2,000 foraminifera from San Salvador to determine the abundance and distribution in both nearshore and offshore environments. Spring 2003.

Independent Study, **College of Charleston**. Using remote sensing and AVIRIS, identified clays on Mount Shasta to highlight areas of hydrothermal alteration. Spring 2003.

FIELD EXPERIENCE

- Venezuela, sample collecting for Master's research. Spring 2007.
- South Florida, sample collecting for Microfossil Workshop. Spring 2007.
- Death Valley, California, geology field course. Spring 2007.
- North Carolina, structural mapping of Table Rock. Fall 2003.
- Utah, Arizona, Nevada, and California, field studies course. Summer 2003.
- San Salvador, Bahamas, field course on carbonate environments. Winter 2002.

PUBLICATIONS

Smith, C. J., Collins, L. S., Jaramillo, C., and Quiroz, L. I., 2010, Marine paleoenvironments of Miocene—Pliocene formations of north-central Falcón state, Venezuela: *accepted for publication in the Journal of Foraminiferal Research*.

PUBLISHED ABSTRACTS OF PRESENTATIONS

Smith, C. J., Collins, L. S., Jaramillo, C., and Quiroz, L. I., 2008, Biogeographic comparisons of Neogene benthic foraminifera of Venezuela, Panama, and Ecuador: Geological Society of America Abstract with Programs, v. 40.

Smith, C. J., and Collins, L. S., 2008, Paleoenvironmental analysis of the Miocene Urumaco Formation, Falcón State, Venezuela, using benthic foraminifera: Abstracts and Program, 18th Caribbean Geological Conference, Santo Domingo, Dominican Republic, p. 67.

COMPUTER SKILLS

Microsoft Word, Microsoft Excel, Microsoft PowerPoint, Adobe Illustrator, SYSTAT and SPSS (statistical software).