

# Stephen Clay Bowden

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## Education

B.S. in Geology with Engineering Option

Department of Geology and Geophysics, Texas A&M University, College Station, TX  
December 2008

Ph.D. in Geology (GPA = 4.0)

Department of Geology and Geophysics, Texas A&M University, College Station, TX  
Expected graduation May 2012

Proposed dissertation title: *Resolution Refinement of the Biostratigraphy and the determination of Sedimentary and Magnetic susceptibility changes across critical climate intervals: Indian Ocean Deep Sea Drilling Project Site 242.*

Advisor: Dr. Bridget S. Wade

## Abstracts and Poster Presentations

\* **Bowden, S. C.**, and Wade, B. S. Climate Change at the Eocene-Oligocene transition: new data from the Indian Ocean. Second Annual Geology and Geophysics Student Research Symposium, Texas A&M University, 11 April 2008. \* Undergraduate Research Second Prize Award.

**Bowden, S. C.**, and Wade, B. S. Climate Change at the Eocene-Oligocene transition: new data from the Indian Ocean. Student Research Ecological Integration Symposium, Texas A&M University, 29 March 2008.

\* **Bowden, S. C.**, and Wade, B. S. Eocene-Oligocene transition: new data from Deep Sea Drilling Project Site 242. Student Research Symposium, Texas A&M University, 26 March 2008. \* Winner of an International Education Week Choice Ribbon and Third Prize Award in Geology/Oceanography/Earth Science.

**Bowden, S. C.**, and Wade, B. S. Deep Sea Drilling Project Site 242 and Climate Change in the Past. Student Research Symposium, Texas A&M University, 26 March 2009.

\* **Bowden, S. C.**, and Wade, B. S. Deep Sea Drilling Project Site 242 and Climate Change in the Past. Second Annual Geology and Geophysics Student Research Symposium, Texas A&M University, 17 April 2009. \* Ph.D. Proposal First Prize Award (tied).

## Professional Experience

8/2008–12/2008 *Teaching Assistant*, Texas A&M University, College Station

- Instructed undergraduates in laboratory setting in Historical Geology (GEOL 106)

8/2007–5/2008 *Teaching Assistant*, Texas A&M University, College Station

- Instructed undergraduates in laboratory setting in Introduction to Geology (GEOL 101)

8/2007–Present *Research Assistant*, Texas A&M University, College Station

- Carbonate variations in the Indian Ocean: new data from Deep Sea Drilling Project Site 242

8/2006–12/2007 *Repository Technician*, Integrated Ocean Drilling Program (IODP), Texas A&M University, College Station

- Core consolidation project; archiving, core packing, consolidated and relocated 80km of core to a repository in Japan

### **Awards**

2009 UNOCAL Scholarship for the academic year 2009-2010

2009 AAPG Foundation Grants-in-Aid recipient - the Michel T. Halbouty Memorial Grant

2009 Rocky Mountain Association of Geologists (RMAG) Foundation's Veterans' Memorial Scholarship for the academic year 2009-2010

2009 First place – Tied (Ph.D. Proposal) in the third annual Texas A&M University Geology and Geophysics research symposium

2008 Second place (undergraduate research) in the second annual Texas A&M University Geology and Geophysics research symposium

2008 Third place (overall undergraduate and graduate research in Geology/Oceanography/Earth Science) and Winner of an International Education Week Choice Ribbon in the annual Texas A&M University student research symposium

2008 Department Geology and Geophysics scholarship award, Texas A&M University

2005 Murry Page Scholarship for academic excellence, Department Geology and Geophysics, Texas A&M University

1996 Eagle Scout Award, Boy Scouts of America

### **Academic Service**

2009–2010 Events Coordinator and member, Geology and Geophysics Graduate Student Council, Texas A&M University

2009 Represented Texas A&M University at the Fourteenth Annual AGU Science-Engineering-Technology Congressional Visits Day in Washington, D.C. on April 28-29

2005–2008 Officer (2006) and member, Geology and Geophysics Society, Texas A&M University

2006–2008 Volunteered to tutor undergraduates enrolled in Introduction to Geology (GEOL 101), Department Geology and Geophysics, Texas A&M University

### **Field Experience**

Shipboard Scientist, 9 February to 9 March 2009, GLOW cruise - Mozambique Channel Seismic Site Survey of the offshore Tanzania succession conducted on the *Pelagia* as part of an IODP pre-proposal

Field camp, May-June 2008 (6 weeks), Multiple localities throughout the SW United States

Field trip, Canyon Lake Spillway Gorge, Canyon Lake, TX, Geology and Geophysics Society sponsored field trip, March 2008

Field assistant, K/T boundary seismic survey, Brazos River, TX, May 2007

Field trips, Fall 2006

- Stone City and Wheelock members of the Crockett Formation, Stone City Bluff, TX
- Brazos K/T boundary complex stratigraphy

Field trip, Geology of Death Valley, January 3–14, 2006

Field trip, Geology of Big Bend, October 19–23, 2005

### **Professional Society Memberships**

2006–present	American Association of Petroleum Geologists
2007–present	Houston Geological Society
2007–present	Geological Society of America
2008–present	Society of Exploration Geophysicists
2008–present	The Paleontological Society
2009–present	North American Micropaleontology Section, SEPM
2009–present	AASP - The Palynological Society

### **References**

Dr. Bridget Wade

Assistant Professor

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