

CATHERINE C. BECK

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EDUCATION

Rutgers, The State University of New Jersey, New Brunswick, NJ

Ph D Candidate

Advisor- Dr. Craig Feibel

Dissertation Title- A multiproxy approach to deciphering terrestrial climate records from the
Turkana Basin, Kenya

Masters of Science in Geosciences, October, 2011

PROFESSIONAL APPOINTMENTS

Chevron Corporation, Bakersfield, CA

Earth Science Intern, April to June 2013

- Developed a 3D model in Petrel for a new reservoir
- Integrated field observations into model

Rutgers University Earth and Planetary Science Dept., New Brunswick, NJ

Teaching Assistant, fall 2010 to present

- Taught labs for undergraduate paleontology, sedimentology, and introductory geology courses

Rutgers University Athletics Dept., New Brunswick, NJ

Student Athlete Tutor, fall 2010- spring 2012

- Reviewed and answered student questions about course material for a variety of geology and geography courses

Indiana University, Geological Field Camp, Bloomington, IN

Associate Instructor, summer 2010

- Assisted students with structure, sedimentology, and hydrogeology in both field and classroom settings

US Geological Survey, Dr. Geneva Chong (PI), Pinedale, WY

Field Intern, summer 2009

- Conducted botanical survey in sagebrush communities for a long range habitat study
- Helped field test and develop Mantis sensor technology under Dr. Heidi Steltzer

University of Illinois at Chicago, Dept. of Earth & Environmental Science, Chicago, IL

Research Assistant, spring 2009

- Used x-ray diffraction to study crystallography and mineralogy of infant mice's teeth

GRANTS AND AWARDS

Spring 2013

AAPG Grant-in-Aid
Paleontological Society Student Grant
Rutgers University Graduate School Award

Fall 2012

Women in Science Research Award

Spring 2012

GSA Student Grant
SEPM Student Grant

Spring 2011

AAPG Grant-in-Aid
Rutgers University Graduate School Award

Spring 2010

GSA Student Grant
Rutgers University Graduate School Award
LacCore Visiting Grad Award
International Continental Drilling Program Short Course

PUBLICATIONS

- Ridge J.C., Balco G., Bayless, R.L., **Beck, C.C.**, Carter L.B., Dean, J.L., Voytek, E.B., Wei, J.H., 2012, The new North American varve chronology: A precise record of southeastern Laurentide ice sheet deglaciation and climate: 18.2-12.55 kyr BP: *American Journal of Science*, v. 312 no. 7, p.685-722.
- **Beck, C. C.**, Feibel, C. S., 2012, Changes in ostracod assemblages and their implications for interpretations of recent lake-level fluctuations in Ferguson's Gulf, Lake Turkana, Kenya: *Geological Society of America Abstracts with Programs*, Vol. 44, No. 7, p. 316.
- **Beck, C.C.**, Feibel, C.S., Ashley G.A., 2011, Understanding contributions from ephemeral rivers to the North Basin, Lake Turkana, Kenya: *Geological Society of America Abstracts with Programs*, Vol. 43, No. 5, p. 462.

PROFESSIONAL MEMBERSHIPS

- Geological Society of America
- American Geophysical Union
- Paleontological Society
- International Association of Sedimentologists
- SEPM- Society of Sedimentary Geology
- Rutgers University Quaternary Studies Association