

Damon J Bassett

Education

PhD, Geology, *University of Missouri*, Columbia, Missouri (Anticipated graduation: August 2014)

MS, Geology *University of Missouri*, Columbia, Missouri (May 2003)

Thesis: *The Oxygen Isotopic Composition of Biogenic Phosphate and the Temperature of Early Ordovician Seawater*

BS, Geology (Comprehensive) *Missouri State University*, Springfield, Missouri (Aug 2000)

Professional Experience

Instructor, Missouri State University *August 2008 – Current*

-Courses taught: Invertebrate Paleontology, Historical Geology, Spring Break field course, Environmental Geology, Earth Science for Education Majors

Visiting Instructor, University of Missouri Summer Field Course *June 2009 -- Current*

Per Course Faculty Member, Missouri State University *August 2006 – July 2008*

-Courses taught: Environmental Geology, Earth Science for Education Majors

Research Specialist, University of Missouri *July 2003 – May 2006*

- Operating and maintaining two Finnigan mass spectrometers, training students, billing, data processing and interpretation

Substitute Instructor, University of Missouri *January to March 2003*

- Introduction to Paleontology

Graduate Teaching Assistant, University of Missouri *August 2000 – December 2002*

- Teaching introductory and upper level laboratory sections, Teaching Assistant for 6 week field camp, Summer 2001

Publications

Bassett, D., MacLeod, K., Miller, J., and Ethington, R., (2007) "Oxygen isotopic composition of biogenic phosphate and the temperature of early Ordovician seawater." *Palaios* Vol 22, 98-103.

Miller, J., Bassett, D., and Ripperdan, R. (2005) Biostratigraphy, sequence stratigraphy, and chemostratigraphy of Cambrian-Ordovician strata in central Texas. Field trip guidebook for the annual meeting of the Pander Society held in conjunction with the meeting of the South-Central Section of GSA.

Runkel, A., Miller, J., McKay, R., Shaw, T., and Bassett, D.(1999) "Cambro-Ordovician boundary strata in the central mid-continent of North America." *Acta Universitatis Carolinae _ Geologica* Vol 43, p 17-20.

Presentations

Bassett, D., Evans, K., and MacLeod, K. 2013. The early Mississippian $\delta^{13}\text{C}$ record in southwest Missouri and implications for regional tectonism. Missouri Academy of Science Annual Meeting 2013.

Bassett, D., Swirin, S., and Evans, K. 2012. Carbon Isotope Stratigraphy of the Compton Limestone Near Jane, MO. Missouri Academy of Science Annual Meeting 2012.

Bassett, D., Boling, J., & Evans, K. 2011, Carbon and oxygen isotope analysis of carbonate a mud-mound in southwest Missouri; Geological Society of America Abstracts with Programs, Vol. 43, NO. 5, p. 531.

Boling, J., Bassett, D., & Evans, K. 2011, Lithology and origins of mud-mounds in the Compton Limestone (Kinderhookian Series), McDonald County, Missouri, Geological Society of America Abstracts with Programs, Vol. 43, No. 5, p. 113.

Bassett, D., MacLeod, K., and Ethington, R. 2008. *Homogeneous seawater temperatures across the early Ordovician Laurentian carbonate platform*. Geological Society of America Abstracts with Programs, Vol. 40, No. 6, p. 254.

Bassett, D., MacLeod, K., and Ethington, R. 2005. *Differences in the oxygen isotopic composition of Upper Ordovician conodont species*. Geological Society of America Abstracts with Programs, Vol. 37, No. 7, p. 457.

Herrmann, A., MacLeod, K., Bassett, D., and Ethington, R. 2005. Paleotemperature estimate for a shallow epicontinental sea (Late Ordovician; Laurentia) based on oxygen isotopic composition of conodont apatite. Geological Society of America *Abstracts with Programs*, Vol. 37, No. 7, p. 457.

Bassett, D., MacLeod, K., Ethington, R., and Miller, J. 2002. Phosphate oxygen and the temperature and isotopic composition of Early Ordovician Seawater. Geological Society of America Abstracts with Programs, Vol. 34

Grants

Graduate Student Research Grant, Geological Society of America (2006) – Outstanding Mention

Scholarships, Fellowships, and Awards

Faculty Excellence Award for Teaching, CNAS (student nominated) 2012

GGP Pillar of Learning Faculty Award 2010

Wallace B. Howe Fellowship (University of Missouri, Geological Sciences Dept).

James H Stitt Memorial Scholarship (University of Missouri, Geological Sciences Dept)

Fred Strothman Scholarship (University of Missouri, Geological Sciences Dept)

Maurice G. Mehl Memorial Scholarship in Field Geology (University of Missouri, Geological Sciences Dept)

Outstanding Graduating Senior Award – College of Natural and Applied Science, MSU

Board of Governor's Scholarship (Missouri State University)

Professional Organizations

Association of Missouri Geologist – Member, 2009

President 2014

Missouri Academy of Science – Member 2009

Chair Geology & Geophysics Section (2009 – Present)

Geological Society of America – Member, 2000

The Paleontological Society – Member, 2000

Phi Kappa Phi Honor Society – Member, 1998

Phi Eta Sigma Honor Society – Member, 1996

Golden Key National Honor Society – Member, 1998