

## **Kathryn D. Nold**

### **Research**

My dissertation research utilized geohistorical data from mollusc shells and ceramic sherds to examine the archaeology and paleoenvironment of pre-colonial, coastal settlements in the Dominican Republic. This research generates knowledge on the biologic and abiotic processes that influenced these systems through time, and provides insight into mitigation of contemporary environmental degradation. I began graduate school at Indiana University in 2007, earning my MS in Geological Sciences in 2010, MA in Anthropology in 2013, and anticipate completion of my dual Ph.D. in Geological Sciences and Anthropology in 2017.

### **Grants**

- 2012 "Compositional analysis of ceramic sherds from southeastern Dominican Republic," \$6,160 NSF-Subsidy Program for Archaeological Analysis, Archaeometry Laboratory, University of Missouri Research Reactor.
- 2012 "Archaeology and historical ecology of the Dominican Republic," \$1200 Summer Research Grant-in-Aid, Department of Geological Sciences, Indiana University.
- 2011 "Survey of Taíno ceramics from four archaeological sites in southeastern Dominican Republic," \$900 Sigma Gamma Epsilon Student Award for Excellence in Research, Indiana University.
- 2011 "Taíno and ancient coastal marine resources in the Dominican Republic," \$900 Center for Latin American and Caribbean Studies Summer Field Research Grant, Indiana University.
- 2010 "Human utilization of ancient shallow-water coastal marine resources in the Dominican Republic," \$3093 Geological Society of America Graduate Student Research Grant.
- 2010 "Human utilization of ancient shallow-water coastal marine resources in the Dominican Republic," \$1500 Summer Research Grant-in-Aid, Department of Geological Sciences, Indiana University.
- 2009 "Utilizing shell middens as evidence of Taíno food resources," \$1500 Summer Research Grant-in-Aid, Department of Geological Sciences, Indiana University.
- 2009 "Taíno midden shell evidence of indigenous utilization of marine resources from the Dominican Republic," \$750 Tinker Field Research Grants, Center for Latin American and Caribbean Studies, Indiana University.
- 2008 "Shell midden evidence of Caribbean climate during European contact," \$2000 Summer Research Grant-in-Aid, Department of Geological Sciences, Indiana University.
- 2008 "Shell midden evidence of Caribbean climate during European contact," \$1500 Tinker Field Research Grants, Center for Latin American and Caribbean Studies, Indiana University.

### **Abstracts**

- Nold, Kathryn D., Conrad, W. Geoffrey, Johnson, Claudia, C., Roush, Cody C., Glascock, Michael D., 2014. Compositional analysis of ceramic sherds from southeastern Dominican Republic. Society for American Archaeology
- Nold, Kathryn D., Johnson, Claudia, C., Elswick, Erika, E., Conrad, Geoffrey W., Beeker, Charles D., 2014. Isotopic evidence of recent, coastal paleoclimate from archaeological gastropod shells. North American Paleontological Convention *The Paleontological Society Special Publications*, Vol 13.
- Nold, Kathryn D., Johnson, Claudia, C., Elswick, Erika, E., Conrad, Geoffrey W., Beeker, Charles D., 2012. Proxies of paleoclimate from archaeological midden shells, Atlantic Coast, Dominican Republic. Geological Society of America *Abstracts with Programs*, Vol. 44, No. 7.
- Nold, Kathryn D., Johnson, Claudia, C., Elswick, Erika, E., Conrad, Geoffrey W., Beeker, Charles D. Taíno and ancient coastal marine resources in the Dominican Republic. Center for Latin American and Caribbean Studies, Summer Field Research Grant Presentations, November 4, 2011. Bloomington, Indiana.
- Nold, Kathryn D., Johnson, Claudia, C., Elswick, Erika, E., Conrad, Geoffrey W., Beeker, Charles D. Zooarchaeology and paleoecology of the Dominican Republic Coast. Women in Science Program Conference, March 4, 2011. Bloomington, Indiana.
- Nold, Kathryn D., Johnson, Claudia, C., Elswick, Erika, E., Conrad, Geoffrey W., Beeker, Charles D. Indigenous utilization of shallow-water resources from archaeological marine shells in the Dominican Republic. Crossroads Geological Conference, February 25, 2011. Bloomington, Indiana.
- Nold, Kathryn D., Johnson, Claudia, C., Elswick, Erika, E., Conrad, Geoffrey W., Beeker, Charles D. Impact of humans on marine ecosystems in the Caribbean: developing a tropical paleoclimate record. Reports from the Field: Tinker Grant Panel Discussions, February 24, 2010. Bloomington, Indiana.
- Nold, Kathryn D., Johnson, Claudia, C., Conrad, Geoffrey W., Beeker, Charles D., Kauffman, Erle G., and Elswick, Erika, E., 2009. Utilizing shell middens as evidence of Taíno food resources. Geological Society of America *Abstracts with Programs*, Vol. 41, No. 7, p. 614.
- Nold, Kathryn D., Johnson, Claudia, C., Conrad, Geoffrey W., Beeker, Charles D., Kauffman, Erle G., and Elswick, Erika, E. Impact of humans on marine ecosystems in the Caribbean: developing a tropical paleoclimate record. Reports from the Field: Tinker Grant Panel Discussions, October 28, 2008. Bloomington, Indiana.
- Nold, Kathryn D., Hamann, Patricia, Harries, Peter J., Oches, Eric A.1, and Herbert, Gregory S., 2006. Taphonomy of shell beds from the Pleistocene Bermont "Formation" at Longan Lakes Quarry, Florida. Geological Society of America *Abstracts with Programs*, Vol. 38, No. 3, p. 35.
- Hamann, Patricia A., Nold, Kathryn D., Harries, Peter J., Herbert, Gregory S., and Oches, Eric A., 2006. Testing morphologic stasis in *Chione elevata* in the context of rapid early Pleistocene sea-level change in Florida. Geological Society of America *Abstracts with Programs*, Vol. 38, No. 3, p. 36.

## **Teaching Experience**

Museum at Prairiefire, Paleontology Rocks Summer Field Camp, Primary Instructor, Summer 2016  
Indiana University, Dinosaurs and their relatives, Assistant Instructor for Dr. Claudia C. Johnson, Spring 2014.  
Indiana University, Biology Laboratory, Assistant Instructor for Dr. Jim Hengeveld, Fall 2013.  
Indiana University, Volcanoes of the Eastern Sierra Nevada, Assistant Instructor for Dr. Michael Hamburger and Dr. John Rupp, Summer 2013.  
Indiana University, Volcanoes of the Eastern Sierra Nevada, Assistant Instructor for Dr. Michael Hamburger and Dr. John Rupp, Summer 2012.  
Indiana University, Earthquakes and Volcanoes, Assistant Instructor for Dr. James G. Brophy, Spring 2012.  
Indiana University, Earthquakes and Volcanoes, Assistant Instructor for Dr. Michael Hamburger, Fall 2011.  
Indiana University, Earthquakes and Volcanoes, Assistant Instructor for Dr. David Millen, Spring 2011.  
Indiana University, Dinosaurs and their relatives, Assistant Instructor for Dr. Claudia C. Johnson, Fall 2010.  
Indiana University, Our planet and its future, Assistant Instructor for Dr. Jeremy Dunning, Spring 2009.  
Indiana University, Dinosaurs and their relatives, Assistant Instructor for Dr. Claudia C. Johnson, Fall 2008.  
Indiana University, Earthquakes and Volcanoes, Assistant Instructor for Dr. James G. Brophy, Spring 2008.  
Indiana University, Evolution of the Earth Laboratory, Assistant Instructor for Dr. Simon C. Brassell, Fall 2007.  
University of Kansas, Field Investigation, Teaching Assistant for Dr. Anthony W. Walton, Summer 2006.

## **Service**

Explore Dinosaurs program, WonderLab, Bloomington, Indiana, 2010.  
Tutor on fossils and the history of life to local high school students for Indiana Science Olympiad Tournaments, 2008-2010.  
Brownie Math and Science Day, 2009.  
Student representative on the 100-level classroom renovation committee, Department of Geological Sciences, Indiana University, 2009.  
Indiana fossil consultant on The Friday Zone, WTIU, 2008.