

**Kathy A. Hollis**  
*Master of Science Candidate*  
*Museum and Field Studies, 265 UCB*  
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## **Areas of Specialization**

Evolutionary Paleocology  
Marine Invertebrate Paleontology  
Crinoidea

## **Present Focus**

Macroevolutionary trends in Crinoidea  
Taphonomy of aragonite mineralizing taxa  
Georeferencing paleontology collections to global databases  
Collections Management

## **Education**

### **University of Colorado at Boulder**

M.S. in Museum and Field Studies, in progress; Dena A. Smith, Advisor

### **The Ohio State University**

M.S. in Geology, 2005; William I. Ausich, Advisor

Thesis: Adaptive morphology of crinoid holdfasts in relation to facies distribution of the lower Mississippian Fort Payne Formation, south-central Kentucky

### **The College of Wooster, Wooster, Ohio**

B.A in Geology, *cum laude*, 2003; Mark A. Wilson, Advisor

Thesis: Reconstructing the paleoenvironment and source of the Haunted Hill Formation (Pliocene-Pleistocene), South Gippsland, Victoria, Australia

## **Professional Memberships**

American Association of Museums  
Geological Society of America\*  
Society for the Preservation of Natural History Collections\*

## **Publications**

Hollis, K.A. and W.I Ausich, in prep. Ontogeny and life history strategy of Barycrinus (Crinoidea, Lower Carboniferous). Will be submitted to *Lethia* February 2007.

Bremar [Hollis], K.A. and W.I. Ausich, 2004. Life history of the Mississippian crinoid, Barycrinus, from holdfast development: Geological Society of America Abstracts with Programs, v. 36, no. 5, p. 61.

Nicoll, J.S., Pride, D.E., Bhattachary, I., Bremer (*sic*) [Hollis], K.A., Cawley, K.M., Groeniger, M.J., O'Connor, G.M., Palenshus, S.M., Savasci-Acikalın, F., Vinciguerra, M., 2004. Resources and sport utility vehicles: Geological Society of America Abstracts with Programs, v. 36, no. 5, p. 529.

Bremar [Hollis], K.A., 2003. Reconstructing the paleoenvironment and source of the Haunted Hill Formation (Pliocene-Pleistocene), South Gippsland, Victoria, Australia in Sixteenth Annual Keck Research Symposium in Geology Proceedings, 2003: Beloit, Wisconsin, Beloit College, p. 13-16.

## **Grants and Awards**

Collie Fund Award recipient, Museum and Field Studies Program, University of Colorado, September 2006. Funded AAM 2006-2007 membership fees.

Graduate Teaching Award, Department of Geological Sciences, The Ohio State University, June 2005. Awarded for "excellence in classroom teaching, diligence in academics, and meritorious service to students."

Friends of Orton Hall Fund recipient, Department of Geological Sciences, The Ohio State University, September 2004. Funded research expenses of thesis.

## **Professional Experience**

Graduate Assistant, University of Colorado, 2006 – present.  
Assist curator with various collections and curatorial duties.

Committee member, University of Colorado Museum Collections Committee, 2006 – present.

Teaching Assistant, The Ohio State University, 2003 – 2005.  
Instructed undergraduate introductory geology courses, developed lesson plans, and graded assignments and quizzes. Also reorganized about 200 specimens of OSU's fossil collection to highlight specimens figured in the book, *Fossils of Ohio* and fossil gave occasional OSU Geology Museum tours to elementary school groups.

Contractor, Paleobiology Department, National Museum of Natural History, 2004.  
Researched crinoid types name synonymies and reorganized 3,000 specimens of the crinoid type collection based on current published name.

\*Membership pending receipt of fees.