

Amy Moe-Hoffman

Address: Department of Geosciences
Mississippi State University
P.O. Box 5448
Mississippi State, MS 39762-5448
(662) 312-1053
apm105@msstate.edu

Education:

- M.S. 2002 Museum and Field Studies/Paleontology University of Colorado, Boulder
Thesis: *Using Pre-Quaternary Diptera of the Eocene Florissant Formation as Paleo-environmental indicators*
Dr. Dena M. Smith, advisor
- B.A. 1998 Geology Gustavus Adolphus College
Thesis: *A Fossiliferous Till in New Ulm, Minnesota*
Dr. Keith (Joe) Carlson and Dr. Mark D. Johnson, advisors

Research Interests

Fossil insects and plants, implications of taphonomy in determination of paleoclimate and paleo-environment, biodiversity and bias within fossil assemblages, fossil conservation practices and preservation techniques, informal education in a museum setting

Appointments

- 2013-Present: Chair, Mississippi State University Museums and Galleries Committee
2008-Present: Instructor of Geology, Department of Geosciences, Mississippi State University
2008-Present: Museum Curator, Dunn-Seiler Museum of Geology, Mississippi State University
2004 – 2006: Collections Manager of Invertebrate Paleontology, University of Colorado Museum
2002-2004: Collections Manager, Paleontological Research Institution and its Museum of the Earth
2001: Intern, Cook County Historical Museum, Grand Marais, MN
2000-2002: Graduate Assistant to Collections Manager, University of Colorado Museum, Paleontology Section

Publications

Moe-Hoffman, A., 2019. "GG1111: Earth Science I Lab Manual 2019-2020 (4th edition)." Hayden-McNeil publishers.

Collins, J., Andrus, F.T., Scott, R.J., Moe-Hoffman, A., and Peacock, E., 2019. "Refit and Oxygen Isotope Analysis of Freshwater Mussel Shells from Tillar Farms Site 3DR30, Southeast Arkansas." *Midcontinental Journal of Archaeology*.

Clary, R., and Moe-Hoffman, A., 2018. "The Role of the Dunn-Seiler Museum, Mississippi State University, in Promoting Public Geoliteracy." *Geological Society of America Special Paper 535*, Chapter 15, Museums at the Forefront of the History and Philosophy of Geology.

Clary, R., Moe-Hoffman, A., 2016. "Small Museum Large Impact: The Role of the Dunn-Seiler Museum's University Exhibitions in Promoting Public Geoliteracy." GSA Abstracts with Programs 48(7).

Peacock, E., Amy Moe-Hoffman, Robert Scott, and Marvin D. Jeter. 2013. Freshwater Mussel Faunas from Bayou Bartholomew, Southeast Arkansas. *Southeastern Archaeology* 32(1).

Moe-Hoffman, A., 2010. "BioDiversión/BioFun: 48 Actividades para conocer los animales de Costa Rica/48 Activities to get to know the Animals of Costa Rica" Editorial InBio, Santo Domingo de Heredia, Costa Rica.

Smith, D.M., Moe, A.P., 2007. "Taphonomy of Diptera in a Lacustrine Environment: A case study from the Florissant Fossil Beds, Colorado." *Palaios*: 22: p. 623-629.

Smith, D.M., Moe, A.P., 2006. "Taphonomy of Diptera in the Lacustrine Deposits of the Florissant Formation (Eocene) Colorado", GSA Programs with Abstracts, Session No. 122, Vol. 38, No. 7, p. 306.

Moe, A.P., Smith, D.M., 2005. "Using pre-Quaternary Diptera as indicators of paleoclimate", *Palaeogeography, Palaeoclimatology, Palaeoecology* 221, p. 203-214.

Moe, A.P., 2005. "The fascinating world of fossil insects: A brief look at the Florissant Formation", *American Paleontologist* 13(1).

Moe, A.P., 2004. "Caring for fossils", *MAPS Digest*, 27 (3), p. 121-124.

Moe, A.P., Smith, D.M., Cook, A., 2003. "Near shore or off shore? Reconstructing the depositional setting of an ancient lake assemblage in Stewart Valley (Miocene) Nevada", GSA Programs with Abstracts, Session No. 220-1, 2003.

Moe, A.P., 2003. "Everything you ever wanted to know about insects: A Review of the History of Insects by Rasnitsyn and Quicke", *American Paleontologist*, 11(2).

Moe, A.P., and Smith, D.M., "Using fossilized Diptera from the Florissant Formation as Paleoenvironmental Indicators" GSA Annual Meeting Abstracts with Programs, Session No. 46-6, 2002.

Moe, A.P., and Brown, S., "A fossiliferous till in New Ulm Minnesota." North-central GSA Programs with Abstracts, Poster Session, 1998.

Committees

- Chair: Mississippi State University Museums and Galleries Committee
- Chair: Department of Geosciences Infrastructure Committee
- Co-chair: Dunn-Seiler Museum Committee
- Ad hoc Committee to review Governance Document, Department of Geosciences

Grants

- Mississippi Humanities Council (\$5,000) "Symbols of Our State: A Walk Through the Culture and Industry of Mississippi" special grant for celebration of the Bicentennial of the State of Mississippi.

- 2017: Ottelie-Schillig Special Teaching Grant - internal (\$2,900) “Scopes and Sketches: Drawing Microfossils in Introductory Geology Labs”
- 2016: Cross-College Planning Grant – internal (\$2,000) “Fostering MSU's Museums and Collections Legacy: Preserving the Future”
- 2016: Ottelie-Schillig Special Teaching Grant – internal/collaborator (\$2,715) “Virtual Reality Sand Box to teach Topographic Principles”
- 2015: Ottelie-Schillig Special Teaching Grant – internal (\$2,999) “Bringing the “Field” into Earth Science Classrooms: Geological Specimens, Samples, Models, and Manuals to Facilitate Inquiry Investigations and Active Learning”

Awards

- March 2019: MSU College of Arts & Sciences Teaching Award
- February 2014: MSU College of Arts & Sciences Researcher of the Month
- Member of Sigma Xi science honor society

Memberships

- Geological Society of America
- American Association of Museums
- Mississippi Museum Association
- Paleontological Society of America

Synergistic Activities

- Museum-related television and radio interviews in the last two years: WTVA, WLOV, WTOK, WMSV, MSU closed-circuit television
- Museum-related newspaper interviews in the last two years: Jackson Free Press, Starkville Daily News, Columbus Dispatch, The Reflector
- 2018: Participant in MSU Pen Pal program
- 2018: Mentor for College of Arts & Sciences New Faculty Mentor Program
- 2016-Present: Coordinator of Mississippi State University Science Night at the Museums event
- 2016-2017: Participant in Science Makers event at Mississippi Museum of Natural Sciences
- 2012-2017: Participant in Fossil Road Show event at Mississippi Museum of Natural Sciences
- 2012-2016: Coordinator of Mississippi State University Darwin Week Celebration
Manager of Mississippi State University Museums and Galleries Website (museums.msstate.edu) and Facebook Page.
- Co-Coordinator of annual National Fossil Day Art Contest and Fossil Extravaganza (Dunn-Seiler Museum)
- Co-Coordinator of annual Earth Day Celebration and Art Contest (Dunn-Seiler Museum)