
CURRICULUM VITAE

NAME: Grosskopf, Jacob Frederick

POSITION TITLE/RANK: Assistant Professor of Geology

EDUCATION/TRAINING

INSTITUTION AND LOCATION	DEGREE (if applicable)	Completion Date MM/YYYY	FIELD OF STUDY
Louisiana Tech University	B.S.	08/2007	Applied Biology
Louisiana State University	M.S.	05/2010	Geology
Louisiana State University	Ph.D.	05/2015	Geology

Positions and Employment

2008-2010 Graduate Teaching Assistant, Louisiana State University, Baton Rouge, LA
2008-2009 Freshman Field Camp Teaching Assistant, Camp Barney (LSU), Colorado Springs, CO
2010 Field Paleontologist, Geologist in the Parks Program (Geological Society of America Sponsored program), Dinosaur National Monument, Jensen, UT
2011 Adjunct Geology Instructor, Tarrant County College District – Trinity River, Fort Worth, TX
2012 Geology Lecturer, Louisiana State University, Baton Rouge, LA
2012-2015 Graduate Teaching Assistant, Louisiana State University, Baton Rouge, LA
2015 Senior Field Camp Teaching Assistant, Camp Barney (LSU), Colorado Springs, CO
2015 Adjunct Geology Instructor, Tarrant County College District – Trinity River, Fort Worth, TX
2016-Present Assistant Geology Professor, Arkansas Tech University, Russellville, AR

Scholarship

2010 Master Thesis: Using Inoceramid Bivalve Taphonomy as a Paleoenvironmental Indicator Across the Cenomanian/Turonian Horizon at the Pueblo, Colorado GSSP; LSU ETD Library
2015 Doctoral Dissertation: Using Trace Fossils to Determine the Role of Oceanic Anoxic Event II on the Cretaceous Western Interior Seaway Paleoenvironment, LSU ETD Library
2016 Big Bend National Park Research Proposal Awarded
2017 Grosskopf, J.F. and Wehner, M. 2017. Antonio Creek Section Milankovitch cycle detection and OAE 2 correlation to other locations in the Western Interior Seaway despite hiatuses. Geological Society of America South-central Section Meeting, March 2017.
2018 Grosskopf, J. and Baker, A. 2018. Magnetic susceptibility of beds from the upper Lower Atoka Formation. Geological Society of America South-central Section Meeting, March 2018.
Grosskopf, J. and Ellwood, B. 2018. End-Permian trace fossil *Dolopichnus* and the stresses of ash fall, *Ichnos*. Accepted, awaiting publication.
2019 Grosskopf, J., Vickers, H., and Lawhon, H. 2019. Unlocking the Upper Atoka sedimentation history using the rock property of magnetic susceptibility. Geological Society of America Joint Section meeting, March 2019.
Vickers, H., Lawhon, H., and Grosskopf, J. 2019. Upper Atoka outcrop to subsurface correlation and sedimentation history using magnetic susceptibility. Geological Society of America Joint Section meeting, March 2019.
2020 Grosskopf, J., Roberts, C., and Mukherjee, R. 2020. Using undergraduates and smart phones to translate a trace-rich horizon to a scalable, manipulatable template for statistical, interpretive, and archival purposes. Geological Society of America South-central Section meeting, March 2020.
DeAtley, K., Strack, C., and Grosskopf, J. 2020. Bed-scale stratigraphic study of the structurally complex Upper Atoka Formation exposed at the Paris Reservoir, Paris, AR. Geological Society of America South-central Section meeting, March 2020.

Other Experience and Professional Memberships

2007-Present Member of the Geological Society of America
2012-Present Member of the American Association of Petroleum Geologists
2016-Present Member of the Fort Smith Geological Society
2017-Present Member of National Association of Geoscience Teachers

Honors and Leadership Positions

2000 Eagle Scout Award, Boy Scouts of America

Teaching and Professional Service

Physical Geology Lecture
Historical Geology Lecture
Invertebrate Paleontology Lecture
Geological Field Techniques Field Course
Structural Geology Lab
Igneous and Metamorphic Petrology Lab
Physical Geology Lab
Historical Geology Lab
History of the Biosphere Lab

Co-advisor of the Geology Club

ATU HLC committee Member: Criterion – Ongoing

Student Evaluation Committee Member – 1 year

Academic Appeals Committee Member (secretary) – 1 year

Arkansas Governor's School Instructor – 2 summers

Synergistic Activities

New Faculty Academy Class – Completed Spring 2017
New Physical Sciences Faculty Seminar – Regularly attend
Earth Educator's Rendezvous (National Association of Geoscience Teachers) – Attended 2017 and 2018
Active research with 3 undergraduates, to present at two meetings in 2020
Arkansas Governor's School

Research Support/Grants:

Undergraduate Research Grant – ATU 2019–2020

Ongoing Research Support/Grants

Completed Research Support/Grants

Professional Development Grant – ATU 2019

Professional Development Grant – ATU 2020