

Kelsey C. McNamara

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Education	Doctor of Philosophy in Earth Sciences, *Left program before finishing degree* University of New Mexico, Albuquerque, New Mexico Dissertation Title: Landform distribution on modern coastal distributive fluvial systems (DFSs) and predictions regarding ancient coastal plain progradational successions Advisor: Dr. Gary Weissmann	August 2013 – June 2014 August 2010 – May 2012
	Master of Science in Earth Sciences, Montana State University, Bozeman, Montana Thesis Title: Influence of Growing Structures on Cretaceous Alluvial Systems Along the Cordilleran Thrust-Belt Front, Valley of Fire, Southern Nevada Advisor: Dr. James G. Schmitt	August 2006 – January 2010
	Bachelor of Science in Geological Sciences, Minor in Business Administration Ohio University, Athens, Ohio Thesis Title: Tectonic Influence on Sequence Architecture of the Upper Brush Creek to Skelley Interval (Upper Pennsylvanian) in Southeast Ohio Advisor: Dr. Gregory C. Nadon	September 2000 – June 2006
Awards	<i>Grants:</i> <ul style="list-style-type: none">• University of New Mexico E&PS Grant, May 2012• Gulf Coast Section SEPM Grant, May 2012• AAPG R.E. McAdams Memorial Grant, May 2012• Geological Society of America Research Grant, April 2012• University of New Mexico E&PS Grant, May 2011• ExxonMobil Global Geoscience Recruiting Grant, May 2011• New Mexico Geological Society Grants-In-Aid Scholarship, April 2011• New Mexico Geological Society Beverly Wellnitz Memorial Scholarship, September 2010• Billings Geophysical Society Memorial Scholarship, August 2009• Marathon Oil Endowed Scholarship, April 2007• Provost's Undergraduate Research Funding Grant, February 2006• Ohio University Outstanding Senior Award in Geology, May 2006	
Professional Experience	MINERAL MUSEUM CURATOR X-RAY DIFFRACTION LABORATORY MANAGER <i>Supervisor: Virgil Lueth</i> <i>New Mexico Bureau of Geology, Socorro, New Mexico</i> <ul style="list-style-type: none">▪ Responsible for acquisition & curation of museum collections, including: minerals, fossils, gemstones, meteorites & artifacts▪ Guide K-12 classes through museum with scavenger hunts & classroom activities▪ Proficient in answering questions and identifying unknown minerals▪ Provide the general public with announcements on new acquisitions, educational information, and activities around the museum using social networking (Facebook)▪ Responsible for sample prep, running scans, interpreting XRD data, generating lab reports, and billing clients in X-ray lab▪ Accountable for managing four museum assistants effectively while running day-to-day museum, museum sales, and XRD operations	August 2015 – present

	HYDROGEOLOGICAL FIELD ASSISTANT, <i>Supervisors: Stacy Timmons, Talon Newton, Trevor Kludt New Mexico Bureau of Geology, Socorro, New Mexico</i>	March 2015 – July 2015
	FIELD CAMP INSTRUCTOR/TEACHING ASSISTANT, <i>Supervisors: Dr. Bruce Harrison, Dr. Matt Zimmerer, & Dr. Gary Axen, New Mexico Tech, Socorro, New Mexico</i>	May 2015 – June 2015 May 2013 – June 2013
	GRADUATE RESEARCH ASSISTANT, <i>Fluvial Systems Research Group, Borden Aquifer Research Project, Advisor: Dr. Gary Weissmann, University of New Mexico</i>	August 2013 – June 2014 January 2011 – May 2011
	LECTURER, <i>ERTH 203: Earth's Crust, Supervisors: Dr. Gary Axen & Dr. Peter Mozley, New Mexico Tech, Socorro, New Mexico</i>	January 2013 – May 2013
Internships	PROFESSIONAL GEOLOGIST INTERN, <i>Chevron Fluvial Reservoir Stratigraphy R & D, Advisor: Dr. Bryan Bracken, Supervisor: Dr. Morgan Sullivan, San Ramon, California</i>	July 2012 – October 2012 May 2011 – August 2011
	EXPLORATION GEOLOGIST INTERN, <i>Marigold Mine Exploration, Supervisor: Jim Carver Goldcorp Inc., Valmy, Nevada</i>	July 2009 – October 2009
	PRODUCTION GEOLOGIST INTERN, <i>Permian Flood Group, Advisor: Dave Orchard, Supervisor: Dan Warner ConocoPhillips, Houston, Texas</i>	September 2008 – December 2008
	PRODUCTION GEOLOGIST INTERN, <i>Gulf of Mexico Asset Team, Advisor: Richard Lee, Supervisor: Greg Zimmerman Marathon Oil Company, Houston, Texas</i>	May 2008 – August 2008
Concurrent Jobs	FREELANCE GEOLOGIST/PHOTOGRAPHER, <i>Project Condor Quadcopter Pilot, Geologist, Videographer & Photographer, Supervisors: Andrew Dunaway, Timothy Hainley, Mia Sullivan, Pearson Education; Geology Textbook Solutions Manual & Student Quiz Developer, Supervisors: Andrew Dunaway, Michelle White, Amanda Zagnoli & Timothy Hainley, Pearson Education</i>	September 2012 – August 2015
	EXHIBITOR ASSISTANT, <i>Professional conference (AGU, GSA, SEG, AAPG) part-time work, Supervisors: David & Sue Malmquist, Jim & Mary Fong Walker, Ikon Mining & Exploration, Fallbrook, California</i>	October 2006 – December 2014
Presentations	<ul style="list-style-type: none"> ▪ GEOMAGIC Art Show, Las Cruces, NM: Curator Panel Discussion, October 2016 ▪ Albuquerque Newcomers Club, Albuquerque, NM: Enchanted Geology, November 2016 	
Outreach	<ul style="list-style-type: none"> ▪ Science Olympiad Event Supervisor, February 2016 ▪ Conducts museum tours for senior groups, rockhound clubs, etc ▪ Supervises K-12 scavenger hunts & classroom demonstrations ▪ Trip leader for "Rockin around New Mexico," Las Vegas, NM, July 2016 ▪ Educational displays at gem & mineral shows: Tucson, Denver, Silver City, Roswell, Los Alamos, Albuquerque 	

- Provides the general public with announcements on new acquisitions, educational information, and museum activities using social networking (Facebook)

Publications McNamara, K.C., 2016, Roadside Dikes of New Mexico: A Photo Gallery: *Lite Geology*, v. 40, p. 5-8.
 McNamara, K.C., 2016, Hey! Not all intrusions are igneous!: *Lite Geology*, Issue 40, p. 9-10.
 McNamara, K.C., & Lueth, V.W., 2016, Gemstones of New Mexico: *Earth Matters*: v. 16, no. 2.

Abstracts McNamara, K.C., Weissmann, G.S., 2012, Are Cretaceous ‘undifferentiated alluvial successions candidates for a coastal distributive fluvial system (DFS) model?: *Geological Society of America Abstracts with Programs*, Vol. 44, No. 6, p. 8

McNamara, K.C., Weissmann, G.S., Scuderi, L.A., Owen, A., Nichols, G.J., and, Hartley, A.J., 2011, Modern landform distribution of the Gilbert River Distributive Fluvial System (DFS) and predictions regarding ancient coastal plain progradational successions: American Geophysical Union Fall Meeting 2011, abs. EP21B-0703.

McNamara, K.C., Frechette, J.D., Weissmann, G.S., Carlone, D., Nichols, E.M., and Allen-King, R.M., 2010, Homogenous Borden? A new look at this classic aquifer: *Geological Society of America Abstracts with Programs*, Vol. 42, p. 110.

McNamara, K., Schmitt, J.G., 2009, Influence of growing structures on Cretaceous alluvial systems along the Cordilleran thrust-belt front, Valley of Fire, southern Nevada: *Geological Society of America Abstracts with Programs*, Vol. 41, p. 183.

McNamara, K., Anderson, B., Ochoa-Rodriguez, J., Gardner, M. and Schmitt, J.G., 2007, Dynamic Behavior in Deep-Water Gravelly Subaqueous Flows, El Rosario Formation (Upper Cretaceous), Baja California, Mexico: Processes and Modeling of Deep-Water Flows (SEPM), 2007 AAPG Annual Convention Technical Program.

McNamara, K., 2006, Tectonic control on sequence architecture and preservation between the Pine Creek and Skelley Limestones (Upper Pennsylvanian), southeast Ohio: *Geological Society of America Abstracts with Programs*, Vol. 38, No. 4, p. 66.