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## EDUCATION

University of New Mexico, M.S. Earth and Planetary Sciences, Albuquerque NM, 2000  
University of Arizona, B.S. Geosciences, Tucson AZ, 1996

## PROFESSIONAL EXPERIENCE

Lecturer, Sul Ross State University, Fall 2013 – present  
Adjunct Lecturer, Sul Ross State University, Summer 2012 – Summer 2013  
Activity Director, Title V Distance-Education-facilitation grants, Sul Ross State University,  
Jan. 2009 – August 2013  
Owner and Instructor, Granada Yoga Studio Alpine TX, June 2008 – August 2014  
Hydrogeologist, John Shomaker & Associates, Inc. (JSAI), Albuquerque NM, Sep. 2003  
– Jan. 2007  
Geologist, ExxonMobil Exploration Company, Houston TX, Sep. 2000 – Aug. 2003  
Teaching Assistant, University of New Mexico, Albuquerque NM, September 1997 –  
June 1999  
Research Assistant, University of Arizona, Tucson AZ, June 1996 – August 1997

## PROFESSIONAL ASSOCIATIONS

Geological Society of America  
New Mexico Geological Society  
West Texas Geological Society  
American Association of Petroleum Geologists

## PUBLICATIONS

Helesic, J.B., Petronis, M.P., Kelsch, J.M., Urbanczyk, K.M., and Dickerson, P.W., A paleomagnetic analysis of vertical axis rotation along the Tascotal Mesa fault in far West Texas: Geological Society of America Annual Meeting, Abstracts with Programs, Denver, CO.  
Roberts, B.T. and Kelsch, J.M., 2016, Localized strain orientations exposed in footwall syncline in Big Bend National Park: Geological Society of America South Central Section Meeting, Baton Rouge, LA.  
Branson, Nicholas and Kelsch, Jesse Moore, 2015, Joint Analysis of the Crossen Trachyte on Hancock Hill, Alpine, TX: West Texas Geological Society Annual Symposium, Midland, Texas.  
Kelley, S.A., Osburn, G.R., Ferguson, C., Moore, J., and Kempter, K, 2005, Preliminary geologic map of the Cañones 7.5' quadrangle, Rio Arriba County, New Mexico: New Mexico Bureau of Geology and Mineral Resources, Open-file Digital Geologic Map OF-GM 107, scale 1:24,000.

Koning, D., Skotnicki, S., Kelley, S., and Moore, J., 2005, Preliminary Geologic Map of the Chili Quadrangle, Rio Arriba County, New Mexico: New Mexico Bureau of Geology and Mineral Resources, Open-file Digital Geologic Map OF-GM 103, scale 1:24,000.

Smith, G.A., Moore, J.D., McIntosh, W.C., 2002, Assessing roles of volcanism and basin subsidence in causing Oligo.-Lower Mio. sedimentation in the northern Rio Grande Rift, NM, USA: Journal of Sedimentary Research, v. 72, p. 836-848.

Moore, J.D., 2000, Tectonics and volcanism during deposition of the Oligocene-lower Miocene Abiquiu Formation in northern New Mexico, M.S. thesis, University of New Mexico, 144 pp.

Moore, J.D., Geissman, J.W., Smith, G.A., 1997, Paleomagnetic Emplacement-Temperature and Thermal-Profile Estimates for Nonwelded Pyroclastic-Flow Deposits, Miocene Peralta Tuff, Jemez Mountains, New Mexico, Abstract, presented at 1997 Fall Meeting, AGU, San Francisco, Calif., 8-12 Dec.

#### OTHER AFFILIATIONS AND INVOLVEMENT

President, Alpine Humane Society, January 2015 – present

Board Member, Alpine Humane Society, August 2015 – December 2015