

VITA

Kristopher M. Clemons

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Present

2009: Geologist I – Permian Geosciences, Pioneer Natural Resources, Irving, TX 75039

Professional Preparation

2006: M.S. Geology, University of Kentucky, Lexington Kentucky.

1996: B.A. Political Science, Eastern Kentucky University, Richmond, Kentucky.

Publications

Clemons, Kristopher and Moecher, D.P., Re-interpretation of the Deformation History of the Greenbrier Fault, Great Smoky Mountains: Petrologic, Structural, and Geochemical Constraints, In Press, GSA Bulletin.

Clemons, Kristopher, Moecher, D.P., 2008. Re-interpretation of the Deformation History of the Greenbrier Fault, Great Smoky Mountains: Critical Assessment of Previous Work, *Southeastern Geology*, vol. 45, no. 4, pp.203-224.

Abstracts of research presented at professional meetings (listed chronologically)

Clemons, Kristopher and Bartley, J.M., 2008. Evidence for Discrete and Distributed Deformation Accommodated by Bookshelf Faulting from the Central Sierra Nevada, California, in press, AGU Fall meeting.

Moecher, D. P. and **Clemons, Kristopher**, 2008. Re-examination of the Greenbrier Fault: Post metamorphic Slip on a faulted stratigraphic contact, *Geological Society of America Abstracts with Programs*, Vol. 40, No. 4, p. 68

Clemons, Kristopher and Bartley, John, M., 2008. Field and petrofabric relations of the Long Lake shear zone and the Treasure Lakes phase, Lamarck Granodiorite, central Sierra Nevada, California. *Geological Society of America Abstracts with Programs*, Vol. 40, No. 1, p. 52

Moecher, David P., Anderson, Eric D., **Clemons, Kristopher**, and Massey, Matthew A., 2007. The pattern of tectonic overprinting in the Western-Central Blue Ridge by deformation propagating from Eastern Blue Ridge-Inner Piedmont convergence, *Geol. Soc. of Am. Abstracts with Programs*, Vol. 39, No. 2, p. 79

Southworth, Scott, **Clemons, Kristopher**, Schultz, Art, Kunk, Michael J., Aleinikoff, John N., Naeser, Charles, Naeser, Nancy, and Denenny, Danielle, 2006. The Polygenetic Greenbrier fault, Great Smoky Mountains, TN/NC. *Geol. Soc. Abstracts with Programs. Progs.* No. 27, T2, 27-6.

Clemons, Kristopher and Moecher, D.P., 2006. Kinematic and Petrofabric Analysis of the Greenbrier Discontinuity, Great Smoky Mountains, North Carolina and Tennessee. *Geol. Soc. Am. Abstracts with Programs.* No. 27, T2, 27-5.

Clemons, Kristopher and Moecher, D.P., 2004. Petrofabric Analysis of the Great Smoky – Snowbird Group Contact, Cove Creek Area, Eastern Great Smoky Mountains, NC., *Geol. Soc. Am. Abstracts with Programs.* No. 43, T24, 43-20, 48.

Collaborations with other scientists over last 48 months

Coleman, Drew, University of North Carolina
Glazner, Allen, University of North Carolina
Moecher, D.P., University of Kentucky
Kieran O'Hara, University of Kentucky
Southworth, Scott, USGS, Reston, VA

Awards and Fellowships

2008-2009: University of Utah **WEST Teaching Fellowship**
2007-2008: University of Utah **WEST Teaching Fellowship**
2006-2007: **NSF-GK12 Teaching Fellowship**
2005-2006: University of Kentucky, Department of Earth and Environmental Sciences
Outstanding Teaching Assistant Award
2005-2006 University of Kentucky, **Finalist - Provost Outstanding Teaching Award**

University, Department, and Professional Service

2004-2005: University of Kentucky Department of Geological Sciences Chair Search Committee member
2004-2005: University of Kentucky Department of Geological Sciences Graduate Student Representative

Professional Memberships

2006- present: American Geophysical Union
2004- present: American Association of Petroleum Geologists
2001- present: Geological Society of America Member

Work History

2009- Pioneer Natural Resources
Present Geologist I

2006- University of Utah

2009 Water, the Environment, Science, and Teaching (WEST)

Teaching Fellow, responsibilities include: Creating and facilitating professional development workshops for K-12 science teachers, work with K-12 school teachers to develop hands-on lesson plans, conduct experiments, and lead field trips that immerse students in the scientific process.

2004- University of Kentucky, Geological Sciences Department

2006 Teaching Assistant, responsibilities include: Introductory geology lab instruction and lecture assistance.