

### **Education:**

Ph.D. University of Cincinnati 1989

M.Sc. New Mexico State University 1984

B.Sc. University of Akron 1983

### **Current Research:**

My research interests are focused on petroleum geology (sedimentary petrology, diagenesis and prediction of reservoir quality), basin analysis and sedimentary geochemistry. I work in both outcrop- and core-based projects, integrating different analytical methods (sedimentary petrology/geochemistry) in different scales to address a variety of geological issues in sedimentary geology.

### **Select Publications:**

- Cymes, B., Krekeler, M., Nicholson, K.N., and **Grigsby, J.D.**, in press, A transmission electron microscopy (TEM) study of silver nanoparticles associated with mine waste from New Caledonian nickel deposits: Potential origins of silver toxicity in a World Heritage Site: *Environmental Earth Sciences*.
- Kassi, A.M., **Grigsby, J.D.**, Khan, A.S. and Kasi, A.S., 2015, Sandstone petrology and geochemistry of the Oligocene-Early Miocene Panjgur Formation, Makran Accretionary Wedge, southwest Pakistan: Implications for provenance, weathering and tectonic setting: *Journal of Asian Earth Sciences*, v. 105, p. 192-207.
- Fluegeman, R. H., **Grigsby, J. D.**, Miller, K. G., Wright, J. D., Katz, M. D., Wade, B. S. (2013). Global change on a subtropical shelf: the Eocene-Oligocene Core (EOCore) Project. *Scientific Drilling and the Evolution of the Earth System: Climate, Biota, Biogeochemistry, and Extreme Events* (vol. 2, pp. 48-51). Tucson, Arizona: Continental Scientific Workshop Series.
- Weng, Y.H., Sun, F.S., and **Grigsby, J.D.**, 2012, GeoTools: An android phone application in geology: *Computers and Geosciences*, v. 44, p. 24-30.
- Rice-Snow, S., Castor, M.J., Castor, A.K., **Grigsby, J.D.**, Fluegeman, R.H., and Curet, L.A., **2010**, Boulder lithology survey, Tibes civic-ceremonial site, Puerto Rico, In L.A. Curet and L.M. Stringer, ed., *Tibes, People, Power, and Ritual at the Center of the Cosmos: Caribbean Archaeology and Ethnohistory Series*, University of Alabama Press, p. 177-190.
- Fluegeman, R. H., **Grigsby, J. D.**, and Hurley, J. V., 2009, Eocene-Oligocene Greenhouse to Icehouse transition on a sub-tropical clastic shelf: the Jackson-Vicksburg Groups of the eastern Gulf Coastal Plain of the United States in Koeberl, C. and Montanari, A., eds., *The Late Eocene Earth—Hothouse, Icehouse, and Impacts*, Geological Society of America Special Paper 452, p. 261-278.
- Grigsby, J. D.**, 2001, Origin and growth mechanism of authigenic chlorite in sandstones of the lower Vicksburg Formation, South Texas: *Journal of Sedimentary Research*, v. 71, p. 27-3
- Grigsby, J. D.** and Langford, R. P., 1996, Effects of diagenesis on enhanced-resolution bulk density logs in Tertiary Gulf Coast Sandstones: An example from the lower Vicksburg Formation, McAllen Ranch Field, South Texas: *American Association of Petroleum Geologists Bulletin*, v. 80, p. 1801-1819.