Abby Norton Krane

B.S. in Geology, 2005
M.S. in Geology, 2008

Abby graduated with honors from the undergraduate geology program in 2005. Her research interests include sedimentary geology, coastal geology, hydrogeology, geomorphology and geographic information systems (GIS). These interests connected her with Dr. David E. Krantz and Dr. Alison Spongberg, under whose direction she completed an Honors Thesis titled "Saline and Hypersaline Groundwater under Assateague Island, Maryland." In her thesis, Abby created a model to explain how the formation of high-density brine can affect groundwater flow. This project allowed her to explore her interests in hydrogeology and sedimentary geology.

Abby's experience during her bachelor's program led her to continue on into the graduate geology program at UT. She graduated in 2008 with a masters of science in Geology, as well as a certificate in GIS and applied Geographics. Abby worked on a

> "Make yourself visible to the professors with seminars, department events, and clubs. When you find a professor you really like and work well with, go to them to volunteer in their lab or help them prep for classes. It takes time that is most often unpaid, but most of the practical learning comes from outside of the classroom. It may open up opportunities later on for summer or year round positions. "

number of research projects during her time at UT, with investigations in the Western Basin of Lake Erie, the Delmarva Peninsula, and Assateague Island. Her skills and fieldwork experience at UT resulted in her enrollment in a PhD program for geological sciences at Michigan State University and graduated in 2011.

Abby currently lives in Middleburg Heights, Ohio with her husband, Jerry, and 2 children Hannah and Alex. She is currently an adjunct Earth Science professor at Cuyahoga Community College, but spends most of her working hours at Pins and Needles, a shop devoted to threadwork, where she uses her teaching skills to teach adults how to use computerized sewing equipment. Abby attributes much of her success to the guidance and support she received from the faculty in the Department of Environmental Sciences.