

Alum Spotlight



Department of Environmental Sciences

Jeffrey L. Leberfinger, PGp, PG: Master of Science (1995), Geology (Minor: Geophysics)

Thesis: "Geophysical Mapping of the Coshocton Glacial River Valley"

Jeffrey Leberfinger completed his M.S. degree in Geology with a minor in Geophysics under the supervision of Dr. Don Stierman. He also holds a B.S. in Geology from Bloomsburg University (PA). At UT, Jeff completed his thesis by mapping the Coshocton Glacial River Valley in Ohio using seismic, resistivity, electromagnetic, and gravity research techniques.

After graduating, Jeff continued applying geophysical techniques for commercial and government clients over the past 20 years as a certified Professional Geophysicist and Geologist. Not only has he managed numerous survey projects involving the detection of munitions and unexploded ordnance at military installations, he also uses his skills and expertise in environmental, mining, archeological, and oil and gas applications.



In addition, Jeff is active in the development of new technologies in geophysical surveying. He chairs the National Association of Ordnance Contractors technology committee and served as the former President of the Pennsylvania Council of Professional Geologists. Currently, Jeff is employed as a senior geophysicist at Exploration Instruments, where he provides training, demonstrations, and technical support for geophysical data collection systems.

"UT prepared me well for my career as a geophysicist. On my first day of work, I was overseeing the collection and processing of seismic data for a landfill project. I was able to do so with minimal oversight. UT also gave me the insights to apply new geophysical techniques when both sensor and data processing technologies evolved."