

## Vita – JOHN P. SZABO

### EDUCATIONAL BACKGROUND

1971: B.S. Geology, University of Notre Dame  
 1975: Ph.D. Geology, University of Iowa - Specialization: Pleistocene Studies  
 Minor Areas: Groundwater Hydrology  
 Geomorphology  
 Soil Mechanics

### EMPLOYMENT HISTORY

1997-present	Chair, Dept. of Geology & Environmental Sci., University of Akron
1994-present	Professor of Geology, University of Akron
1983-1994	Associate Professor of Geology, University of Akron
1975-1983	Assistant Professor of Geology, University of Akron
1974-1975	Research Fellow, University of Iowa
1973-1974	Teaching Assistant, University of Iowa
1972-1973	Research Assistant, University of Iowa
1971-1972	Teaching Assistant, University of Iowa
Summer, 1971	Teaching Assistant, University of Notre Dame
Summer, 1969	NSF Undergraduate Research Fellow, University of Notre Dame

### PUBLICATIONS

- Szabo, J.P., 1980, Quaternary stratigraphy of the lower part of Pioneer Creek basin, Cedar and Jones Counties, Iowa: *Iowa State Journal of Research*, v. 54, p.401-415.
- Szabo, J.P., 1980, Two pollen diagrams from Quaternary deposits in east-central Iowa, U.S.A.: *Canadian Journal of Earth Sciences*, v. 17, p. 453-458.
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- Mangun, M., Kunze, A.W.G. and Szabo, J.P., 1981, Seismic refraction study of a buried valley near Peninsula, Summit County, Ohio: *Ohio Journal of Science*, v. 81, p. 69-73.
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- Szabo, J.P. and Angle, M.P., 1983, Quaternary stratigraphy of Richfield Township, Summit County, Ohio: *Ohio Journal of Science*, v. 83, p. 38-44.
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- Miller, B.B. and Szabo, J.P., 1987, Garfield Heights: Quaternary stratigraphy of northeastern Ohio: *Geological Society of America Centennial Field Guide - North–Central Section*, p. 399–402.
- Szabo, J.P., Carter, C.H., Bruno, P.W. and Jones, E.J., 1988, Glacial and postglacial deposits of northeastern Ohio: *Ohio Journal of Science*, v. 88, p. 66–74.
- Volpi, R.W. and Szabo, J.P., 1988, Influence of local bedrock on the clay mineralogy of pre–Woodfordian tills of the Grand River lobe in Columbiana County, Ohio: *Ohio Journal of Science*, v. 88, p. 174–180.
- Storek, R.J. and Szabo, J.P., 1991, Lithofacies and mineralogy of the Late Wisconsinan Navarre Till in Stark and Wayne Counties, Ohio: *Ohio Journal of Science*, v. 91, p. 90–97.
- Szabo, J.P., 1992, Reevaluation of early Wisconsinan stratigraphy of northern Ohio; *in* Clark, P.U. and Lea, P.D., eds., *The last interglacial–glacial transition in North America: Geological Society of America Special Paper 270*, p. 99–107.
- Szabo, J.P. and Totten, S.M., 1992, Glacial dispersal rejuvenation on the Allegheny Plateau, north-central Ohio, based on till carbonate patterns: *Journal of Sedimentary Petrology*, v. 62, p.1044–1053.
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- Szabo, J.P. and Chanda, A., 2004, Pleistocene glaciation of Ohio, U.S.A.: *in* Ehlers, J. and Gibbard, P.L., eds., *Quaternary glaciations - extent and chronology, part II*, Elsevier B.V., p.233-236.
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- Szabo, J.P., 2006, Textural and mineralogical characteristics of tills of northeastern and north-central Ohio: *Ohio Journal of Science*, v. 106, p. 9-16.
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### **ABSTRACTS OF PAPERS PRESENTED AT PROFESSIONAL MEETINGS**

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- Szabo, J.P., 1979, Stratigraphy of multiple till exposures in Northampton Township, Summit County, Ohio: *Ohio Journal of Science*, v. 79, p. 32.
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- Gaughan, M., Szabo, J.P. and Totten, S.M., 1985, Texture and mineralogy of Wisconsinan tills of Huron and Crawford Counties, Ohio: Ohio Journal of Science, v. 85, p. 22.
- Szabo, J.P., Totten, S.M. and Viani, C., 1985, The influence of overridden bedrock escarpments on the composition of tills: Geological Society of America Abstracts with Programs, v. 17, p. 731.
- Katzmark, R.R. and Szabo, J.P., 1986, Elemental composition of tills of in the Cuyahoga Valley National Recreation Area, northeastern Ohio: Ohio Journal of Science, v. 86, p. 7.
- Viani, C. and Szabo, J.P., 1986, Mineralogy and stratigraphy of pre-Woodfordian tills in Knox County, Ohio: Geological Society of America Abstracts with Program, v. 18, p. 329.
- Szabo, J.P., 1986, The influence of glacial depositional systems on aquifers in the glaciated Appalachian Plateau, northeastern Ohio: Geological Society of America, Abstracts with Programs, v. 18, p. 327.
- Bruno, P.W. and Szabo, J.P., 1987, Mineralogy and lithofacies of the Ashtabula Till in Lake and Ashtabula Counties, Ohio: Ohio Journal of Science, v. 87, p. 9.
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- Rizzo, J.S. and Szabo, J.P., 1993, Hydrogeology of the River Styx basin, northeastern Ohio: Ohio Journal of Science, v. 93, p. A38.
- Szabo, J.P. and Totten, S.M., 1994, Distribution and composition of Illinoian tills of the glaciated Appalachian plateau east of Columbus, Ohio: Geological Society of America Abstracts with Programs, v. 26, p. 63.
- Jost, D.J. and Szabo, J.P., 1994, Hydrogeology of and initial wellhead protection plan for Doylestown, Ohio: Ohio Journal of Science, v. 94, p. 29.
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- Szabo, J.P., 1996, Review of evidence for glacially related events during the early and middle Wisconsin from the glaciated plateau in Ohio: Geological Society of America Abstracts with Programs, Northeastern Section, v. 31, p.103.
- Szabo, J.P., 1996, Pleistocene stratigraphy of Hartford Township, Licking County, Ohio: Ohio Journal of Science, v. 96, p. A51.
- Lloyd, B.A. and Szabo, J.P., 1997, Wisconsinan glacial lithosequences from the London Correctional Institute (LCI), Union Township, Madison County, Ohio: Ohio Journal of Science, v. 97, p. A40.
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- Begley, B.D. and Szabo, J.P., 1998, Wisconsinan glacial lithosequences from the Triangle landfill, Buckskin Township, Ross County, Ohio: Geological Society of America Abstracts with Programs, v. 30, no. 2, p. 5.
- Begley, B.D. and Szabo, J.P., 1998, Wisconsinan glacial lithosequences from the Triangle landfill, Buckskin Township, Ross County, Ohio: Ohio Journal of Science, v. 98, p. A-21.
- Chowdhury, S.H. and Szabo, J.P., 1999, Hydrogeology and groundwater pollution of Chippewa Creek Basin, Wayne County, Ohio: Geological Society of America Abstracts with Programs, v. 31, no. 5, p. A-9.
- Szabo, J.P., 1999, Origin of post-glacial drainage in the Lake Erie basin, north-central Ohio: 42<sup>nd</sup> Conference of the International Association of Great Lakes Research, Program and Abstracts, p. A-20.
- Szabo, J.P. and Trembczynski, H.K., 2000, Development of post-glacial drainage in the Lake Erie basin, north-central Ohio: Geological Society of America Abstracts with Programs, v. 32, no. 4, p. A-64.
- Trembczynski, H.T. and Szabo, J.P., 2000, Correlation of alluvial terraces with ancestral levels of Lake Erie, north-central Ohio: Geological Society of America Abstracts with Programs, v. 32, no. 4, p. A-65.
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- Szabo, J.P., 2002, Meltwater discharge: the probable cause of multiple buried valley systems on the northwestern edge of the Allegheny Plateau, northeastern Ohio: Geological Society of America Abstracts with Program, v. 34, no. 2, p. A-43.
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- Peck, J. Mullen, A., and Szabo, J., 2003, A late Pleistocene rock-magnetic stratigraphy from Garfield Heights, Ohio: Geological Society of America Abstracts with Programs, v. 35, no. 2, p. 54.
- Keinath, V.L., and Szabo, J.P., 2003, Hydrogeology of the White Pine Bog Nature Preserve, Burton Township, Geauga County, Ohio: Geological Society of America Abstracts with Programs, v. 35, no. 2, p. 56.
- Szabo, J.P., Lowell, T.V., Pair, D., and Wiles, G.C., 2003, Pleistocene glaciation of Ohio, U.S.A.: Current studies on the stratigraphy of glacial deposits and current rates of retreat of Wisconsinan ice: XVI INQUA Congress Programs with Abstracts, p. 73.
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- Shultz, K., Foos, A., and Szabo, J., 2005, The hydrogeology and geochemistry of Liberty Park, Twinsburg, Ohio: a baseline study: Geological Society of America Abstracts with Programs, v. 37, no. 6, p. 94.
- Kushner, V.A., and Szabo, J.P., 2006, Stratigraphic correlation of Late Pleistocene sediments of a buried valley in Northfield Township, Summit County, Ohio: Geological Society of America Abstracts with Programs, v. 38, no. 4, p. 26.
- Weinreich, M.C., and Szabo, J.P., 2006, Anatomy of the type area of the Lavery Till of northwest Pennsylvania: a sedimentological mosaic of tills: Geological Society of America Abstracts with Programs, v. 38, no. 4, p. 69.
- Dzirasah, B.E., Foos, A., Szabo, J., and Quick, T., 2006, Hydrogeology and subsurface geology of a

- modified wetland, Liberty Park, Twinsburg, Ohio: Geological Society of America Abstracts with Programs, v. 38, no. 7, p. 290.
- Steele, E.M., and Szabo, J.P., 2007, Correlation of terraces in the Chagrin River valley with ancestral levels of Lake Erie, northeastern Ohio: Geological Society of America Abstracts with Programs, v. 39, no. 3, p. 23.
- Stewart, A.K., Lowell, T.V., Owen, L.A., and Szabo, J.P., 2007, Palaeotopography and glacier erosion: terminal region, Ohio, USA: Geological Society of America Abstracts with Programs, v. 39, no. 7, p. 503.
- Franko, B.J., and Szabo, J.P., 2008, Mineralogy and provenance of pink inclusions in the Illinoian Titusville Till, Mahoning County, eastern Ohio: Geological Society of America Abstracts with Programs, v. 40, no. 5, p. 4.
- Nay, C.E., Franko, B.J., and Szabo, J.P., 2008, Analysis of carbonate contents of the Illinoian Titusville Till, Mahoning County, Ohio: Geological Society of America Abstracts with Programs, v. 40, no. 5, p. 18.
- Hartley, K.A., and Szabo, J.P., 2009, Stratigraphic analysis of areal discontinuities of Late Wisconsinan till sheets near Conneaut Lake, northwestern Pennsylvania: Geological Society of America Abstracts with Programs, v. 41, no. 4, p. 58-59.

### **FUNDING**

- 2002 Hydrogeology of the White Pine Bog Nature Preserve, The Nature Conservancy, \$5500.
- 1993 Gift of samples from deep boreholes in central Ohio; donated by Bennett and Williams Inc. Equivalent value: \$22,000
- 1988 Faculty Research Grant (FRG) 1035, Hydraulic conductivity of fractured tills in northeastern Ohio, \$2,716
- 1987 Ohio Department of Natural Resources, Giddings soil probe, \$10,000
- 1987 University of Akron partial matching funds, Giddings soil probe, \$2,500
- 1986 FRG 943, Bedrock-derived petrogenic characteristics of early Wisconsinan tills of northeastern Ohio, \$700
- 1984 FRG 852, Petrography of tills from Huron and Crawford Counties, north-central Ohio, \$700
- 1983– Cooperative research with Ohio Geological Survey mapping program; laboratory analysis of approximately 2000 till samples from Huron, Crawford, Morrow, Marion, and Hardin counties, Ohio. Analyses were provided in exchange for unrestricted research use and publication rights. Survey provided laboratory chemicals. Equivalent value: \$20,000
- 1981 FRG 695, Quaternary stratigraphy of the Cuyahoga Valley between Akron and Peninsula, \$1,000
- 1978 FRG 597, Stratigraphic correlation of multiple-till exposures in Northampton Township, Summit County, Ohio, \$1,900
- 1976 FRG 507, Paleoenvironmental study of the glacial Lake Willard area, \$1,500 (Joint with J.W. Teeter)

### **M.S. THESES SUPERVISED**

- Hartley, K.A., 2009, Stratigraphic analysis of areal discontinuities of late Wisconsinan till sheets near Conneaut Lake, northwestern Pennsylvania: 122 p.
- Franko, B.J., 2008, Mineralogy and provenance of pink inclusions in the Illinoian Titusville Till, Mahoning County, eastern Ohio: 133 p.
- Steele, E.M., 2007, Correlation of terraces in the Chagrin River Valley with ancestral levels of Lake Erie,

- northeastern Ohio: 104 p.
- Weinreich, M., 2006. A detailed sedimentological and geomorphological investigation of Wisconsinan tills near the Lavery type section, northwest Pennsylvania: 114 p.
- Kushner, V.A., 2006, Stratigraphic correlations of Late Pleistocene sediments of a buried valley in Northfield Center Township, Summit County, Ohio: 105 p.
- Mankoff, E.T., 2004, A comparison between proglacial subaerial sediment-debris flows at the Mantanuska Glacier, Alaska, and deposits in Wisconsin: 122 p.
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- Bradley, K., 2002, Depositional environments of Late Quaternary sediments from the south shore of Lake Erie, Cleveland, Ohio: 107 p.
- Trembczynski, H.K., 2000, Correlation of alluvial terraces with ancestral levels of Lake Erie, north-central Ohio: 129 p.
- Begley, B., 1998, Identification of glacial lithosequences to assess potential leachate pathways from the Triangle Landfill, Inc., Buckskin Township, Ross County, Ohio: 122 p.
- Lloyd, B.A., 1998, Stratigraphy of late Wisconsinan tills from the London Correctional Institute, Union Township, Madison County, Ohio: 159 p.
- Matz, J.B., 1996, Determination of heavy-mineral assemblages of pre-Wisconsinan tills in northern Ohio by the use of sodium polytungstate and x-ray diffraction: 138 p.
- Chowdhury, S.H., 1995, Hydrogeology and groundwater pollution potential of Chippewa Creek Basin, Wayne County, Ohio: 176 p.
- Hite, T.L., 1995, Stratigraphy and mineralogy of tills from the Pine Grove waste-disposal facility, Madison Township, Fairfield County, Ohio: 113 p.
- Jost, D.J., 1994, Hydrogeology and pollution potential of aquifers, Dolyiestown, Wayne County, Ohio, 177 p.
- Rizzo, J.S., 1993, Hydrogeology of River Styx basin, Medina and Wayne counties, Ohio: 198 p.
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- Wilson, C.G.H., 1991, The origin and relative age of kames in Stow and Hudson Townships, Summit County, Ohio: 113 p.
- Wilson, W.E., 1991, Hydrogeology of the upper Tuscarawas River basin, Summit and Stark Counties, Ohio: 106 p.
- Caetta, M.A., 1991, An investigation of possible subsurface brine springs in southeastern Lenawee County, Michigan: 107 p.
- Storck, R.J., 1991, Lithofacies and mineralogy of the Navarre Till in Stark and Wayne Counties, Ohio: 139 p.
- Iqbal, M.Z., 1990, Groundwater resources of Chippewa Creek valley in Wayne and Medina Counties, Ohio: 104 p.
- Garvey, J.T., 1988, The hydrogeology of eastern Franklin and western Green Townships, Summit County, Ohio: 107 p.
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