

May 2-3, 2013

**Geological Society of America
2013 North-Central Section Meeting**

Kalamazoo, Michigan

Paper	Date	Day	Time	Room	Title	Authors	Link to Abstract
THURSDAY AM							
3-4	4/2/2013	Thursday	9:00 AM	Fetzer Center Kirsch Auditorium	Radiocarbon control for the advance of the Green Bay lobe to its late Wisconsin (MIS 2) maximum position at Devils Lake, south-central Wisconsin	CARSON, Eric C., Department of Environmental Sciences, Wisconsin Geological and Natural History Survey, Madison, WI 53705, eccarson@wisc.edu and ATTIG, John W., Department of Environmental Sciences, Wisconsin Geological and Natural History Survey, 3817 Mineral Point Road, Madison, WI 53705	https://gsa.confex.com/gsa/2013NC/webprogram/Paper218824.html
3-6	4/2/2013	Thursday	10:00 AM	Fetzer Center Kirsch Auditorium	Buried bedrock valleys of Michigan	ESCH, John M., Michigan Dept. of Environmental Quality, Office of Oil, Gas, and Minerals, P.O. 30256, Lansing, MI 48909, eschj@michigan.gov	https://gsa.confex.com/gsa/2013NC/webprogram/Paper218821.html
3-9	4/2/2013	Thursday	11:00 AM	Fetzer Center Kirsch Auditorium	Superposed ice-walled lake deposits, northeastern Illinois	CURRY, B. Brandon, Prairie Research Institute, Illinois State Geological Survey, Champaign, IL 61820, b-curry@illinois.edu	https://gsa.confex.com/gsa/2013NC/webprogram/Paper218573.html
3-10	4/2/2013	Thursday	11:20 AM	Fetzer Center Kirsch Auditorium	Meander cutoffs, floodplain lakes: Geologic archives in the lower Wabash Valley	PHILLIPS, Andrew C., Illinois State Geological Survey, Prairie Research Institute, 615 E. Peabody, Champaign, IL 61820, aphillps@illinois.edu, CARON, Olivier, Illinois State Geological Survey, Prairie Research Institute, 615 E. Peabody Drive, Champaign, IL 61820, BRYK, Alexander B., Department of Geology, University of Illinois, 1301 W. Green Street, Urbana, IL 61801, PROKOCKI, Eric W., Department of Geology, University of Illinois (Urbana-Champaign), 208 Natural History Building, 1301 West Green Street, Urbana, IL 61801, and BEST, James L., Departments of Geology, Geography, Mechanical Science and Engineering and Ven Te Chow Hydrosystems Laboratory, University of Illinois (Urbana-Champaign), 208 Natural History Building, 1301 West Green Street, Urbana, IL 61801	https://gsa.confex.com/gsa/2013NC/webprogram/Paper218677.html
11-1	4/2/2013	Thursday	8:00 AM- 12:00 PM	Schneider Hall Courtyard	Core-based study of Erie lobe till stratigraphy in northeastern Indiana: Implications for Erie lobe history	DUCEY, Patrick W., Indiana University Department of Geological Sciences, 1001 East 10th Street, Bloomington, IN 47405-1405, pducey@indiana.edu and PRENTICE, Michael L., Indiana Geological Survey, 611 N. Walnut Grove Avenue, Bloomington, IN 47405-2208	https://gsa.confex.com/gsa/2013NC/webprogram/Paper218620.html
11-3	4/2/2013	Thursday	8:00 AM- 12:00 PM	Schneider Hall Courtyard	Evaluation of glacial features in northwestern Ohio using LiDAR data	PAVEY, Richard R., Ohio Department of Natural Resources, Division of Geological Survey, 2045 Morse Rd, Building C-2, Columbus, OH 43229-6693, rick.pavey@dnr.state.oh.us and MARTIN, Dean R., Ohio Department of Natural Resources, Office of Information Technology, 2045 Morse Rd, Building C, Columbus, OH 43229	https://gsa.confex.com/gsa/2013NC/webprogram/Paper218322.html
11-5	4/2/2013	Thursday	8:00 AM- 12:00 PM	Schneider Hall Courtyard	Sand and gravel resource of McHenry County, Illinois: Distribution, thickness and land use	MIAO, Xiaodong, THOMASON, Jason F., and STOHR, Christopher, Illinois State Geological Survey, Prairie Research Institute, University of Illinois at Urbana-Champaign, 615 E. Peabody Dr, Champaign, IL 61820, miao@illinois.edu	https://gsa.confex.com/gsa/2013NC/webprogram/Paper218422.html

11-6	4/2/2013 Thursday	8:00 AM-12:00 PM	Schneider Hall Courtyard	Ice-walled lake plains highlighted on new surficial geology map of Kane County, Illinois	BRUEGGER, Alison, Illinois State Geological Survey, Prairie Research Institute, 615 E. Peabody Dr, Champaign, IL 61820, bruegge1@illinois.edu, CURRY, B. Brandon, Prairie Research Institute, Illinois State Geological Survey, Champaign, IL 61820, and GRIMLEY, David A., Illinois State Geological Survey, Prairie Research Institute, University of Illinois, 615 E. Peabody Dr, Champaign, IL 61820	https://gsa.confex.com/gsa/2013NC/webprogram/Paper218582.html
11-7	4/2/2013 Thursday	8:00 am-12:00 PM	Schneider Hall Courtyard	Intercalating slackwater lake and outwash deposits at a bedrock valley confluence in the lower Wabash Valley	PHILLIPS, Andrew C., Illinois State Geological Survey, Prairie Research Institute, 615 E. Peabody, Champaign, IL 61820, aphillps@illinois.edu, ISMAIL, Ahmed, Illinois State Geological Survey, Prairie Research Institute, 615 East Peabody Drive, Champaign, IL 61820, LARSON, Timothy, Illinois State Geological Survey, Prairie Research Institute, 615 E Peabody Drive, Champaign, IL 61820, and GEMPERLINE, Johanna, Department of Geology, University of Illinois, 1301 West Green St, MC 102, Urbana, IL 61801	https://gsa.confex.com/gsa/2013NC/webprogram/Paper218681.html
THURSDAY PM						
13-9	4/2/2013 Thursday	4:30 PM	Fetzer Center Room 1040/1050	Pleistocene molluscan assemblages to aid understanding of paleoenvironment, paleoclimate and chronology: Examples from Illinois	GRIMLEY, David A., Illinois State Geological Survey, Prairie Research Institute, University of Illinois, 615 E. Peabody Dr, Champaign, IL 61820, dgrimley@illinois.edu and OCHES, Eric A., Department of Natural & Applied Sciences, Bentley University, 175 Forest St, Waltham, MA 02452	https://gsa.confex.com/gsa/2013NC/webprogram/Paper218205.html
14-1	4/2/2013 Thursday	1:30 PM	Fetzer Center Kirsch Auditorium	From start to finish: Three-dimensional geologic maps and models of Lake County, Illinois	BROWN, Steven E., Illinois State Geological Survey, Prairie Research Institute, University of Illinois at Urbana-Champaign, 615 E. Peabody Dr, Champaign, IL 61820, steebrow@illinois.edu	https://gsa.confex.com/gsa/2013NC/webprogram/Paper218189.html
14-2	4/2/2013 Thursday	1:50 PM	Fetzer Center Kirsch Auditorium	Mapping karst in the north-central Ohio region	ADEN, Douglas J., Ohio Geological Survey, Ohio Department of Natural Resources, 2045 Morse RD., BLDG. C-2, Columbus, OH 43229-6693, Doug.Aden@dnr.state.oh.us	https://gsa.confex.com/gsa/2013NC/webprogram/Paper218321.html
14-3	4/2/2013 Thursday	2:10 PM	Fetzer Center Kirsch Auditorium	Surficial geologic mapping and landscape evolution research in the driftless area of southwestern Wisconsin	CARSON, Eric C., Department of Environmental Sciences, Wisconsin Geological and Natural History Survey, Madison, WI 53705, eccarson@wisc.edu and ATTIG, John W., Department of Environmental Sciences, Wisconsin Geological and Natural History Survey, 3817 Mineral Point Road, Madison, WI 53705	https://gsa.confex.com/gsa/2013NC/webprogram/Paper218823.html
14-4	4/2/2013 Thursday	2:30 PM	Fetzer Center Kirsch Auditorium	A tale of two lobes: The Pleistocene evolution of Indiana's largest interlobate lake basin	FLEMING, Anthony H., 2275 E300S, Albion, IN 46701, loneswantony@cs.com and KARAFFA, Marni D., Indiana Geological Survey, Indiana University, 611 North Walnut Grove Avenue, Bloomington, IN 47405	https://gsa.confex.com/gsa/2013NC/webprogram/Paper218325.html
14-6	4/2/2013 Thursday	3:10 PM	Fetzer Center Kirsch Auditorium	A high-level proglacial lake in Wexford County, Michigan, and its significance for the boundary of the Lake Border moraine in northwest lower Michigan	KINCARE, Kevin A., U.S. Geological Survey, 926 A National Center, Reston, VA 20192, kkincare@usgs.gov	https://gsa.confex.com/gsa/2013NC/webprogram/Paper218539.html

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14-7	4/2/2013	Thursday	3:50 PM	Fetzer Center Kirsch Auditorium	Three-dimensional glacial geology of the interlobate Orangeville moraine, southwestern Ontario, Canada	BURT, Abigail K., Ontario Geological Survey, 933 Ramsey Lake Road, Sudbury, ON P3E 6B5 Canada, abigail.burt@ontario.ca	https://gsa.confex.com/gsa/2013NC/webprogram/Paper218484.html
14-8	4/2/2013	Thursday	4:10 PM	Fetzer Center Kirsch Auditorium	The pre-Late Wisconsinan sediment record of the southern part of Simcoe County, south-central Ontario, Canada	BAJC, A.F., Ontario Geological Survey, 933 Ramsey Lake Road, Sudbury, ON P3E 6B5, Canada, andy.bajc@ontario.ca and MULLIGAN, R.P.M., School of Geography and Earth Sciences, McMaster University, 1280 Main Street West, Hamilton, ON L8S 4K1, Canada	https://gsa.confex.com/gsa/2013NC/webprogram/Paper218725.html
14-9	4/2/2013	Thursday	4:30 PM	Fetzer Center Kirsch Auditorium	Erie lobe till studies in Indiana reveal a dynamic ice margin	PRENTICE, Michael L.1, DUCEY, Patrick W.2, ISMAIL, Ahmed3, LETSINGER, Sally L.4, SARGENT, Steve5, and FENERTY, B.S.1, (1) Indiana Geological Survey, 611 N. Walnut Grove Avenue, Bloomington, IN 47405-2208, mlprenti@indiana.edu, (2) Indiana University Department of Geological Sciences, 1001 East 10th Street, Bloomington, IN 47405-1405, (3) Illinois State Geological Survey, Prairie Research Institute, 615 East Peabody Drive, Champaign, IL 61820, (4) Center for Geospatial Data Analysis, Indiana University, Indiana Geological Survey, 611 N. Walnut Grove Avenue, Bloomington, IN 47405-2208, (5) Illinois State Geological Survey, 615 East Peabody Drive, Champaign, IL 61820	https://gsa.confex.com/gsa/2013NC/webprogram/Paper218612.html
14-10	4/2/2013	Thursday	4:50 PM	Fetzer Center Kirsch Auditorium	Glacial geologic mapping of the Montezuma Wetlands Complex in central, NY: Developing 3D geologic frameworks to resolve hydrostratigraphic and glacial chronologic problems	KOZLOWSKI, Andrew L., Geologic Survey, New York State Museum, 3140 Cultural Education Center, Albany, NY 12230, akozlows@mail.nysed.gov and BIRD, Brian, Geological Survey, New York State Museum, 3140 Cultural Education Center, Albany, NY 12230	https://gsa.confex.com/gsa/2013NC/webprogram/Paper218782.html
		FRIDAY	AM				
23-6	4/3/2013	Friday	10:25 AM	Fetzer Center Kirsch Auditorium	Sedimentologic modeling and transmissivity mapping to support groundwater flow and contaminant transport modeling in glacial sediments	KEEFER, Donald A., THOMASON, Jason F., and BROWN, Steven E., Illinois State Geological Survey, Prairie Research Institute, University of Illinois at Urbana-Champaign, 615 E. Peabody Dr, Champaign, IL 61820, dkeefe@illinois.edu	https://gsa.confex.com/gsa/2013NC/webprogram/Paper218826.html
23-7	4/3/2013	Friday	10:50 AM	Fetzer Center Kirsch Auditorium	Determining the 3-D glacial sedimentology and hydrostratigraphy of the southern part of the county of Simcoe, southern Ontario	MULLIGAN, Riley P.M., School of Geography and Earth Science, McMaster University, 1280 Main St. West, Hamilton, ON L8S 4K1, Canada, mulligrp@mcmaster.ca, EYLES, Carolyn H., School of Geography and Earth Sciences, McMaster University, Hamilton, ON L8S 4K1, and BAJC, Andy F., Ontario Geological Survey, 933 Ramsey Lake Road, Sudbury, ON P3E 6B5, Canada	https://gsa.confex.com/gsa/2013NC/webprogram/Paper218370.html

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24-5	4/3/2013 Friday	9:40 AM	Fetzer Center Putney Auditorium	The elevation of the peak Nipissing phase (mid Holocene) at outlets of the upper Great Lakes	THOMPSON, Todd A., Indiana Geological Survey, Indiana University, 611 North Walnut Grove, Bloomington, IN 47405-2208, tthomps@indiana.edu, JOHNSTON, John W., Department of Physical and Chemical Sciences, University of Toronto Mississauga, 3359 Mississauga Road N, Mississauga, ON L5L 1C6, Canada, and LEPPER, Kenneth, Department of Geosciences, North Dakota State University, P.O. Box 6050, Dept. #2745, Fargo, ND 58108-6050	https://gsa.confex.com/gsa/2013NC/webprogram/Paper218327.html
24-7	4/3/2013 Friday	10:20 AM	Fetzer Center Putney Auditorium	A Sault-outlet-referenced mid- to late-Holocene paleohydrograph for Lake Superior constructed from strandplains of beach ridges	JOHNSTON, John W., Department of Physical and Chemical Sciences, University of Toronto Mississauga, 3359 Mississauga Road N, Mississauga, ON L5L 1C6, Canada, john.johnston@utoronto.ca, ARGYILAN, Erin P., Dept. of Geosciences, Indiana University Northwest, 3400 W. Broadway, Gary, IN 46408, THOMPSON, Todd A., Indiana Geological Survey, Indiana University, 611 North Walnut Grove, Bloomington, IN 47405-2208, BAEDKE, Steve J., Department of Geology and Environmental Science, James Madison University, MSC 6903, Harrisonburg, VA 22807, LEPPER, Kenneth, Department of Geosciences, North Dakota State University, P.O. Box 6050, Dept. #2745, Fargo, ND 58108-6050, WILCOX, Douglas A., Dept. of Env. Science and Biology, The College at Brockport, State University of New York, 350 New Campus Drive, Brockport, NY 14420, and FORMAN, Steven L., Earth and Environmental Sciences, University of Illinois at Chicago, 845 W. Taylor Street, Chicago, IL 60607	https://gsa.confex.com/gsa/2013NC/webprogram/Paper218447.html