

Dr. John L. Isbell

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EDUCATION

- 1990 *Ph.D., Geology. THE OHIO STATE UNIVERSITY, Columbus, Ohio. Dissertation Topic: Fluvial sedimentology and basin analysis of the Permian Fairchild and Buckley Formations, Beardmore Glacier Region, and the Weller Coal Measures, southern Victoria Land, Antarctica. Dissertation Advisor: Dr. James W. Collinson.*
- 1985 *M.S., Geology. NORTHERN ILLINOIS UNIVERSITY, DeKalb, Illinois. Thesis topic: Palynology and sedimentology of Pennsylvanian strata in the northwestern portion of the Illinois Basin. Thesis advisors: Dr. Ross D. Powell and Dr. Hsin Yi Ling.*
- 1981 *B.A., Geology. AUGUSTANA COLLEGE, Rock Island, Illinois. Advisors: Dr. Richard Anderson and Dr. Fred H. Behnken.*

POSITIONS HELD

- 9/04-Present **Professor**: Department of Geosciences, The University of Wisconsin-Milwaukee. Clastic sedimentologist.
- 9/09-8/12 **Department Chair**: Department of Geosciences, The University of Wisconsin-Milwaukee.
- 9/98-9/04 **Associate Professor**: Department of Geosciences, The University of Wisconsin-Milwaukee. Clastic sedimentologist.
- 9/92-8/98 **Assistant Professor**: Department of Geosciences, The University of Wisconsin-Milwaukee. Clastic sedimentologist.
- 5/95-97 **Project Contributor**: Geological Evolution and Hydrocarbon Plays of the Southern South Atlantic. A joint international project utilizing the specialties of geologists from the Cambridge Arctic Shelf Programme, Cambridge, U.K.; Centro de Investigaciones Geologicas, La Plata, Argentina; University of Aberdeen, Scotland; Institute of Geophysics at the University of Texas-Austin; University of Cambridge, U.K.; and the Department of Geosciences at the University of Wisconsin-Milwaukee. Dr. David Macdonald, Project coordinator (no compensation).
- 1/91-8/92 **Research Scientist**: Byrd Polar Research Center, The Ohio State University. Basin analysis and computer modeling of Permian and Triassic sedimentary basins in Antarctica.
- 7/88-9/88 **Consultant**: Institute of Geophysics, The University of Texas, Austin. Joint U.S.-U.K. Sedimentologic and tectonic survey of the Pensacola Mountains, Antarctica.
- 9/84-12/90 **Research Associate**: Byrd Polar Research Center, The Ohio State University. Basin analysis of Permian foreland and cratonic basins in Antarctica.
- 1/82-5/84 **Research Assistant**: Department of Geology, Northern Illinois University. Sedimentology and palynology of Pennsylvanian strata in the Illinois Basin.
- 9/81-5/84 **Teaching Assistant**: Department of Geology, Northern Illinois University. Taught classes and laboratories in physical geology, sedimentology, paleontology and oceanography.

RESEARCH

GRANTS, CONTRACTS, AND RESEARCH AWARDS

EXTERNAL

- 2012-15 *National Science Foundation: Office of Polar Programs; Collaborative Research: Life in a Volcanic Landscape: Early Jurassic Paleoenvironments and Paleobotany.* PIs Edith Taylor, and Thomas Taylor, The University of Kansas; John Isbell, and Erik Gulbranson, The University of Wisconsin-Milwaukee (\$299,859)
- 2010-13 *National Science Foundation: Office of Polar Programs; Application of detrital zircon isotope characteristics and sandstone analysis of Beacon strata to the tectonic evolution of the Antarctic sector of Gondwana.* PIs David Elliot, The Ohio State University (\$331,028) and John Isbell, the University of Wisconsin-Milwaukee (\$271,841).
- 2010-13 *National Science Foundation: Office of Polar Programs; Collaborative Research: Antarctic Ecosystems across the Permian-Triassic boundary: Integrating Paleobotany, Sedimentology, and Paleoecology.* PIs Edith Taylor, and Thomas Taylor, The University of Kansas (\$618,348); and John Isbell, The University of Wisconsin-Milwaukee (\$289,552).
- 2008-11 *National Science Foundation: Office of International Science and Engineering; Collaborative IRES: Integrated Research & Educational Training of Geoscience Students in Deep-Time Paleoclimatology, Western South America.* P.I.s Isabel Montañez, University of California Davis (\$75,000); and John Isbell and Margaret Fraizer, The University of Wisconsin-Milwaukee; and Margaret Fraizer, The University of Wisconsin-Milwaukee (\$75,000).
- 2008 *National Science Foundation: Office of Polar Programs and EAR- Geology and Geophysics; The late Paleozoic Gondwanan Ice Age: Towards a more Refined Understanding of Timing, Duration, and Character; P.I.'s; John Isbell, The University of Wisconsin-Milwaukee and Christopher Fielding and Tracy Frank, University of Nebraska-Lincoln. Awarded through ANDRILL for color photo cost for GSA Special Paper 441 (\$8,000).*
- 2007-08 *National Science Foundation: Office of Polar Programs and EAR- Geology and Geophysics; Collaborative Study: Re-evaluation of the Late Paleozoic Gondwanan Ice Age in Tasmania (Australia).* P.I.s; John Isbell, The University of Wisconsin-Milwaukee (\$17,980) and Christopher Fielding and Tracy Frank, University of Nebraska-Lincoln (\$17,040)
- 2005-08 *National Science Foundation: Office of Polar Programs; Research Grant: Collaborative Research: Reconstructing the High Latitude Permian-Triassic: Life, Landscapes, and Climate Recorded in the Allan Hills, South Victoria Land, Antarctica(\$138,690)*
- 2005-06 *National Science Foundation: Office of Polar Programs and EAR- Geology and Geophysics; Workshop Grant: The late Paleozoic Gondwanan Ice Age: Towards a more Refined Understanding of Timing, Duration, and Character; P.I.'s; John Isbell, The University of Wisconsin-Milwaukee and Christopher Fielding and Tracy Frank, University of Nebraska-Lincoln (\$34,000)*
- 2002-05 *National Science Foundation: Office of Polar Programs; Research Grant: Collaborative Research: Late Paleozoic-Mesozoic Fauna, Environment, climate, and basinal history: Beardmore Glacier area, Transantarctic Mountains; P.I.'s; Molly Miller, Vanderbilt University (\$93,798) and John Isbell, The University of Wisconsin-Milwaukee (\$181,875).*
- 2000-04 *National Science Foundation: Office of Polar Programs; Research Grant:*

- Collaborative research: Permian-Triassic basin history of southern Victoria Land and the Darwin Mountains, Antarctica; P.I.'s John L. Isbell, The University of Wisconsin Milwaukee (\$234,000), Rosemary A. Askin and Anne M. Grunow, The Ohio State University (\$220,000).
- 1999 *National Science Foundation: Travel Grant*; John L. Isbell, University of Wisconsin-Milwaukee: \$1500 to Antarctic Earth Sciences Meeting in Welleington, New Zealand.
- 1996-00 *National Science Foundation: Office of Polar Programs; Research Grant*: Collaborative investigation of earliest crayfish: Paleo-biologic, paleoecologic, and paleoclimatic implications (with Vanderbilt and The Ohio state Universities); P.I.'s John L. Isbell, The University of Wisconsin Milwaukee (\$43,310), Molly F. Miller, Vanderbilt University (\$46,949), and Loren E. Babcock, The Ohio State University (\$51,348); OPP-9615045.
- 1995-98 *National Science Foundation: Office of Polar Programs; Research Grant*: Stratigraphic and Sedimentologic Analysis of Permian Strata in the Shackleton Glacier Area, Antarctica; P.I., John L. Isbell, University of Wisconsin-Milwaukee; OPP- 9419962; \$139,619.
- 1992-96 *National Science Foundation: Office of Polar Programs; Research Grant*: Tectonic Controls on Formation and Evolution of Permian Depositional Basins in the Transantarctic Mountains as Interpreted from Strata Exposed in the Area Between the Nimrod and Byrd Glaciers; P.I., John L. Isbell, The Ohio State University and The University of Wisconsin-Milwaukee; OPP-9296275; \$240,022.
- 1991-92 *National Science Foundation: Department of Polar Programs; Research Grant*: Sedimentology of the Permian-Triassic Fluvial Sequence in the Beardmore Glacier Region, Antarctica; P.I., John L. Isbell, The Ohio State University; DPP-8917413A01; \$18,807.
- 1990-92 *National Science Foundation: Department of Polar Programs; Research Grant*: Sedimentology of the Permian-Triassic Fluvial Sequence in the Beardmore Glacier Region, Antarctica; P.I., John L. Isbell and James W. Collinson, The Ohio State University, DPP-8917413A01; \$82,248.
- 1988 *7th International Gondwana Symposium: Travel Grant*; Gondwana Sub-commission, Sao Paulo, Brazil, John L. Isbell, The Ohio State University; \$300
- 1987 *National Science Foundation: Travel Grant*; John L. Isbell, The Ohio State University; to Antarctic Earth Sciences Meeting in Cambridge, U.K.; \$810.
- 1986-87 *Shell Ph.D. Fellowship Research Grant*: Comparison and contrast of late Paleozoic rocks in Antarctica with rocks in the Appalachian Basin. P.I. John L. Isbell, The Ohio State University; \$2800.
- 1982-83 *Chevron Oil Company: Research Grant*, John L. Isbell, Northern Illinois University; \$300.

INTERNAL

- 2012-13 *University of Wisconsin-Milwaukee RGI*: Occurrence and significance of northern high paleo-latitude deposits of the late Paleozoic Ice Age in northeastern Asia (Siberia), \$86,658.
- 2007-08 *University of Wisconsin-Milwaukee RGI*: Late Paleozoic Gondwanan Ice Age as exposed in the depositional basins in western Argentina: P.I. John Isbell, The University of Wisconsin-Milwaukee \$56,000.
- 1999-00 *University of Wisconsin-Milwaukee Graduate School Research Committee Awards*: Fluvial and tidal sedimentology of Pennsylvanian rocks in the Appalachian Basin: P.I., John L. Isbell, University of Wisconsin-Milwaukee; \$12,486.
- 1993 *CIC Summer Research Opportunities Program*: Univ. of Wisconsin-Milwaukee, P.I., John L. Isbell, University of Wisconsin-Milwaukee; \$550.
- 1987-91 *Byrd Polar Research Center: Travel grants*; John L. Isbell, The Ohio State Univ.; \$2201.

- 1991 *Basin Analysis Group: Travel grant*; John L. Isbell, The Ohio State University; \$645.
 1989-90 *Presidential Fellowship Research Grant*: The Ohio State University; John L. Isbell; \$500.
 1985-90 *Friends of Orton Hall: Travel grants*; John L. Isbell, The Ohio State University; \$1950.
 1984 *Goldich Fund: University Research grant*, John L. Isbell, Northern Illinois Univ. \$200.

PUBLICATIONS

ARTICLES – In Preparation

Sheehan, P., Isbell, J., Fastovsky, D., and Kennedy, M. In prep, Geomorphologic changes following depletion of the terrestrial biota by the K/T extinction: *Nature*.

ARTICLES – In Review

- In review** Isbell, J.L., Gulbranson, E.L., and Henry, L.C., in review, Are late Paleozoic cyclothem an accurate recorder of glacioeustatic change?: *Geology*. Submitted September 2012.
 Limarino, C.O., Césari, Ss. N., Spalletti, L.A., Taboada, A.C., Isbell, J. L., Geuna, S., and Gulbranson, E.L., in review, Paleoclimatic evolution of southern South America during the late Paleozoic: a record from icehouse to extreme greenhouse conditions: *Gondwana Research*. Submitted April 2012.
 Koch, Z. J. and Isbell, J.L., in review, Processes and products of grounding line fans from the Permian Pagoda Formation, Antarctica: insight into glacial conditions in polar Gondwana: *Gondwana Research*. Submitted April 2012.
 Gulbranson, E.L., Isbell, J. L., Montañez, I. P., Limarino, C. O., Marensi, S. A., Meyer, K., and Hull, C. in review, The implications of mid-Carboniferous glacial diamictites in the Río Blanco Basin, Argentina: mass transport or subglacial deformation, *Gondwana Research*, *Gondwana Research*. Submitted April 2012.
 Gulbranson, E.L., Montañez, I. P., Isbell, J.L., Meyer, K., Hull, C., Sieger, D., and Limarino, C. O., in review, Glacial and non-glacial diamictites: New insights into the mid-Carboniferous glaciation of northwest Argentina: *Sedimentology*. Submitted, February, 2012.

ARTICLES – Published

Accepted

- Dineen, A. A., Fraiser, M. L., Isbell, J. L., in press, Palaeoecology and Sedimentology of Carboniferous Glacial and Postglacial Successions in the Paganzo and Rio Blanco Basins of Northwestern Argentina: *in* Slowakiewicz, M., ed., *Late Palaeozoic Climate Cycles: Their Evolutionary, Sedimentological and Economic Impact*: London, Geological Society Special Publication.
 Isbell, J.L., Henry, L.C., Reid, C.M., and Fraiser, M.L., in press, Sedimentology and palaeoecology of limestones-bearing mixed clastic rocks and cold-water carbonates of the Lower Permian Basal Beds at Fossil Cliffs, Maria Island, Tasmania (Australia): Insight into the initial decline of the late Palaeozoic ice age, *in* Slowakiewicz, M., ed., *Late Palaeozoic Climate Cycles: Their Evolutionary, Sedimentological and Economic Impact*: London, Geological Society Special Publication.
 Henry, L.C., Isbell, J. L., Limarino, C.O., Accepted, The late Paleozoic El imperial Formation, western Argentina: glacial to post-glacial transition and stratigraphic correlation with arc-related basins, *Gondwana Research*, Submitted, April 2012.

- 2012** Gulbranson, E. L., Isbell, J. L., Taylor, E. L., Taylor, T. N., Ryberg, P., and Flaig, P.P., 2012, Permian polar forests: deciduousness and environmental variation. *Geobiology*, DOI: 10.1111/j.1472-4669.2012.00338.x
- Henry, L.C., Isbell, J.L., Fielding, C.R., Domack, E.W., Frank, T.D., and Fraiser, M.L., 2012, Proglacial deposition and deformation in the Upper Carboniferous to Lower Permian Wynyard Formation, Tasmania: A process analysis: *Palaeogeography, Palaeoclimatology, Palaeoecology*, v. 315-316, p. 142-157.
- Isbell, J.L., Henry, L.C., Gulbranson, E.L., Limarino, C.O., Fraiser, M. L., Koch, Z. J., Ciccioi, P.L., and Dineen, AA., 2012, Glacial paradoxes during the late Paleozoic ice age: Evaluating the equilibrium line altitude as a control on glaciation: *Gondwana Research*, v. 22, p. 1-19.
- 2010** Isbell, J. L., 2010, Environmental and paleogeographic implications of glaciotectonic deformation of glaciomarine deposits within Permian strata of the Metschel Tillite, southern Victoria Land, Antarctica, *in* López-Gamundí, O. R., and Buatois, L. A., eds., *Late Paleozoic Glacial Events and Postglacial Transgressions in Gondwana*: Boulder, CO, Geological Society of America Special Publication 468, p. 81-100.
- Miller, M. F., and Isbell, J. L., 2010, Reconstruction of a high-latitude, postglacial lake: Mackellar Formation (Permian), Transantarctic Mountains, *in* López-Gamundí, O., and Buatois, L. A., eds., *Late Paleozoic glacial events and postglacial transgressions in Gondwana*: Boulder, Geological Society of America Special Paper 468, p. 193-207.
- Briggs, D. E. G., Miller, M. F., Isbell, J. L., and Sidor, C. A., 2010, Permo-Triassic arthropod trace fossils from the Beardmore Glacier area, central Transantarctic Mountains, Antarctica: *Antarctic Science*, v. 22, no. 22, p. 185-192.
- Fielding, C. R., Frank, T. D., Isbell, J. L., Henry, L. C., and Domack, E. W., 2010, Stratigraphic signature of the late Palaeozoic Ice Age in the Parmeener Supergroup of Tasmania, SE Australia, and inter-regional comparisons: *Palaeogeography, Palaeoclimatology, Palaeoecology, Environmental processes and biotic responses at high latitudes: a study of Late Palaeozoic sequences, biotas and palaeoenvironmental changes in Gondwana and northern Eurasia*, v. 298, no. 1-2, p. 70-90.
- Gulbranson, E. L., Montañez, I. P., Schmitz, M. D., Limarino, C. O., Isbell, J. L., Marensi, S. A., and Crowley, J. L., 2010, High-precision U-Pb calibration of Carboniferous glaciation and climate history, Paganzo Group, NW Argentina: *Geological Society of America Bulletin*, v. 122, no. 9/10, p. 1480-1498.
- Henry, L. C., Isbell, J. L., Limarino, C. O., McHenry, L. J., and Fraiser, M. L., 2010, Mid-Carboniferous deglaciation of the Protoprecordillera, Argentina recorded in the Agua de Jagüel palaeovalley: *Palaeogeography, Palaeoclimatology, Palaeoecology Environmental processes and biotic responses at high latitudes: a study of Late Palaeozoic sequences, biotas and palaeoenvironmental changes in Gondwana and northern Eurasia*, v. 298, no. 1-2, p. 112-129.
- 2008** Caputo, M.V., de Melo, J.H.G., Strel, M., and Isbell, J.L., 2008, Late Devonian and Early Carboniferous glacial records of South America, *in* Fielding, C.R., Frank, T.D., and Isbell, J.L., eds., *Resolving the Late Paleozoic Ice Age in Time and Space*: Boulder, CO, Geological Society of America Special Paper., p. 161-173.
- Fielding, C.R., Frank, T.D., and Isbell, J.L. (Editors), 2008, *Resolving the Late Paleozoic Ice Age in Time and Space*: Boulder, CO, Geological Society of America Special Paper 441, 354 p.
- Fielding, C.R., Frank, T.D., and Isbell, J.L., 2008, The late Paleozoic ice age--A review of current understanding and synthesis of global climate patterns, *in* Fielding, C.R., Frank, T.D., and Isbell, J.L., eds., *Resolving the Late Paleozoic Ice Age in Time and Space*: Boulder, CO, Geological Society of America Special Paper 441., p. 343-354.
- Henry, L.C., Isbell, J.L., and Limarino, C.O., 2008, Carboniferous glacial deposits of the proto-Precordillera of west-central Argentina, *in* Fielding, C.R., Frank, T.D., and Isbell, J.L., eds., *Resolving the Late Paleozoic Ice Age in Time and Space*:

- Boulder, CO, Geological Society of America Special Paper 441, p. 131-142.
- Isbell, J.L., Cole, D.I., and Catuneanu, O., 2008, Carboniferous-Permian glaciation in the main Karoo Basin, South Africa: stratigraphy, depositional controls, and glacial dynamics, *in* Fielding, C.R., Frank, T.D., and Isbell, J.L., eds., *Resolving the Late Paleozoic Ice Age in Time and Space*: Boulder, CO, Geological Society of America Special Paper 441, p. 71-82.
- Isbell, J.L., Fraiser, M.L., and Henry, L.C., 2008, Examining the Complexity of Environmental Change during the Late Paleozoic and Early Mesozoic: *PALAIOS*, v. 23, p. 267-269.
- Isbell, J.L., Koch, Z.J., Szablewski, G.M., and Lenaker, P.A., 2008, Permian glacial deposits in the Transantarctic Mountains, Antarctica, *in* Fielding, C.R., Frank, T.D., and Isbell, J.L., eds., *Resolving the Late Paleozoic Ice Age in Time and Space*: Boulder, CO, Geological Society of America Special Paper 441, p. 59-70.
- Sidor, C.A., Miller, M.F., and Isbell, J. L., 2008, Tetrapod burrows from the Triassic of Antarctica: *Journal of Vertebrate Paleontology*, v. 28, p. 277-284.
- 2007** Mumpy, A. J., Jol, H. M., Kean, W. F., and Isbell, J. L., 2007, 3D architecture and sedimentology of a modern, active braid bar in the Wisconsin River: analysis using ground penetrating radar: *Geological Society of America Special Paper 432*, p. 111-131.
- Montañez, I.P., Tabor, N.J., Niemeier, D., DiMichele, W.A., Frank, T.D., Fielding, C.R., and Isbell, J.L., Birgenheier, L.P., and Rygel, M.C. 2007. CO₂-forced climate and vegetation instability during Late Paleozoic deglaciation: *Science* 315: 87-91.
- 2006** Isbell, J. and Fleming, T., 2006, Geology and Paleontology of Paleozoic and Mesozoic Sedimentary and Igneous Rocks *in* Elliot, D.H., Lyons, W.B. and L.R. Everett. *TransAntarctic Mountains TRANSITION ZONE (TAM TRANZ Project): Multidisciplinary Research in the Central and Southern Transantarctic Mountains*: Byrd Polar Research Center, Miscellaneous Series 430, Byrd Polar Research Center, The Ohio State University, Columbus, OH., 12-17.
- Fielding, C.R., Frank, T.D., and Isbell, J.L., 2006. Meetings: The late Paleozoic Ice Age Revisited: *Eos* 87(21): 87- 91.
- Frank, T.D., Isbell, J.L., Fielding, C.R., and Frasier, M. 2006. Report of the NSF Sponsored Workshop: the late Paleozoic Gondwanan Ice Age: Towards a more Refined Understanding of Timing, Duration, and Character: University of Nebraska, 22 Publication, 22 P.
- 2003** Isbell, J. L., Lenaker, P. A., Askin, R. A., Miller, M. F., and Babcock, L. E., 2003, Reevaluation of the timing and extent of late Paleozoic glaciation in Gondwana: Role of the Transantarctic Mountains: *Geology*, v. 31, no. 11, p. 977-980.
- Isbell, J. L., Miller, M. F., Wolfe, K. L., and Lenaker, P.A., 2003, Timing of late Paleozoic glaciation in Gondwana: was glaciation responsible for the development of northern hemisphere cyclothems? *in* Chan, M. A., and Archer, A. A., editors, *Sedimentary Giants- Extreme Depositional Environments*: Geological Society of America Special Paper 370, p. 5-24.
- 2002** Babcock, L. E., Isbell, J. L., Miller, M. F., Hasiotis, S. T., New late Paleozoic Conchostracan (Crustacea: Branchiopoda) from the Shackleton Glacier area, Antarctica: age and paleoenvironmental implications: *Paleontology*, v.76 (1), p. 70-75.
- 2001** Isbell, J. L., Miller, M. F., Babcock, L. E., Hasiotis, S. T., 2001, Ice-marginal environment and ecosystem prior to initial advance of the late Palaeozoic ice sheet in the Mt. Butters area of the central Transantarctic Mountains, Antarctica: *Sedimentology*, v. 48 (5), p. 953-970.
- Miller, M. F., Babcock, L. E., Hasiotis, S. T., and Isbell, J. L., 2001, Tetrapod and large burrows of uncertain origin in Triassic high latitude flood plain deposits: *PALAIOS*, v.16 (3), p. 218-232.
- 1999** Isbell, J. L. and Askin, R. A., 1999, Search for evidence of impact at the Permian-Triassic boundary in Antarctica and Australia: Comment and Reply: *Geology*, v. 27 (9), p. 859-860.

- Isbell, J. L., 1999, The Kukri Erosion Surface; a reassessment of its relationship to rocks of the Beacon Supergroup in the central Transantarctic Mountains, Antarctica: Antarctic Science, v. 11 (2), p. 226-236.
- Hasiotis, S.T., Miller, M.F., Isbell, J.L., Babcock, L.E., and Collinson, J.W., 1999, Comparison and contrast of the morphology of Upper Paleozoic and Lower Mesozoic Crayfish and Therapsid Burrows: Freshwater Crayfish, v. 12, p. 71-81.
- 1998** Babcock, L.E., Miller, M.F., Isbell, J.L., Collinson, J.W., and Hasiotis, S.T., 1998, Paleozoic-Mesozoic crayfish from Antarctica: New Evidence concerning the early evolution and paleoecology of freshwater crustaceans: Geology, v. 26, p. 549-552.
- Isbell, J.L., Askin, R.A., Babcock, L. E., Collinson, J. W., Hammer, W. R., Miller, M.F., Taylor, E. L., Taylor, T. N., The role of Antarctica in changing global systems as shown by the late Paleozoic and early Mesozoic Succession: "Icehouse" to "greenhouse" transition and biotic response, in Elliot, D.H., Collinson, J.W., and Hammer, W.R., eds., Earth Science Research Objectives: Central and Southern Transantarctic Mountains. Proceedings of a Workshop: Columbus Ohio, Byrd Polar Research Center, The Ohio State University, p. 14-24.
- 1997** Isbell, J.L., Gelhar, G.A. and Seegers, G.M., 1997, Reconstruction of pre-glacial topography using a post-glacial flooding surface: Upper Paleozoic deposits, central Transantarctic Mountains, Antarctica: Journal of Sedimentary Research, v. 67, p. 263-272.
- Isbell, J.L., Seegers, G.M., and Gelhar, G., 1997, Upper Paleozoic Glacial and Post Glacial Deposits, Central Transantarctic Mountains, Antarctica, in Martini, I.P., ed., Late glacial and postglacial environmental changes: Quaternary, Carboniferous-Permian, and Proterozoic: Oxford University Press, p. 230-242.
- Seegers-Szablewski, G. and Isbell, J. L., 1997, Stratigraphy and depositional environments of Permian postglacial rocks exposed between the Byrd and Nimrod Glaciers: Antarctic Journal of the U.S. 1997 Review, v. 32, No. 5, p. 15-17.
- 1996** Isbell, J.L. and Cúneo, N.R., 1996, Depositional framework of Permian fluvial deposits, southern Victoria Land, Antarctica: Palaeoecology, Palaeogeography, and Palaeoclimatology, v. 125, p. 217-238.
- Storey, B.C., Macdonald, D.I.M., Dalziel, I.W.D., Isbell, J. L., Millar, I.L., 1996, Early Paleozoic sedimentation, magmatism, and deformation in the Pensacola Mountains, Antarctica: the significance of the Ross orogeny: Geological Society of America Bulletin, v. 108, p. 685-707.
- 1994** Collinson, J.W., Isbell, J.L., Elliot, D.H., Miller, M.F. and Miller, J.M.G., 1994, Permian Triassic Transantarctic Basin. In: J.J. Veivers and C. McA. Powell (Editor), Permian-Triassic Pangean Basins and foldbelts along the Panthalassan Margin of Gondwanaland. Geological Society of America Memoir 184: 173-222.
- Isbell, J.L., Seegers, G.M., Gelhar, G., and MacKenzie, P., 1994, Stratigraphy of Upper Carboniferous and Permian rocks exposed between the Byrd and Nimrod Glaciers: Antarctic Journal of the U.S. 1994 Review, v. 29, No. 5, p. 35-36
- Cúneo, N.R., Isbell, J.L., Taylor, T.N., and Taylor, E.L., 1993, The Glossopteris flora in Antarctica: taphonomy and paleoecology: Comptes Rendus, 12th International Congress on Carboniferous and Permian Stratigraphy and Geology, Buenos Aires, Argentina, v 2. 13-40.
- 1991** Isbell, J.L., 1991, Evidence for a low-gradient alluvial fan from the palaeo-Pacific margin in the Upper Permian Buckley Formation, Beardmore Glacier region, Antarctica, in Thomson, M.R.A., Crame, J.A., and Thomson, J.W., eds., Geological evolution of Antarctica: Cambridge, Cambridge University Press, p. 215-217.
- Isbell, J.L. and Collinson, J.W., 1991, Sedimentological significance of fluvial cycles in the Permian of the Central Transantarctic Mountains, Antarctica, in Ulbrich, H. and Rocha Campos, A.C., eds., Gondwana 7 Proceedings: papers presented at the 7th International Gondwana Symposium: Instituto de Geociências, Universidade de Sao Paulo, Sao Paulo, Brazil, p. 189-199.
- Isbell, J.L. and Macdonald, D.I.M., 1991, Lithofacies analysis of the Triassic Fremouw

- Formation at the Gordon Valley vertebrate site, Antarctica: Antarctic Journal of the U.S., 1991 Review, v. 26, p. 13-14.
- Isbell, J.L. and Macdonald, D.I.M., 1991, Alluvial stratigraphic sequences within the Permian Transantarctic foreland basin, Beardmore Glacier area, Antarctica: Antarctic Journal of the U.S., 1991 Review, v. 26, p. 15-16.
- Macdonald, D.I.M., Isbell, J.L., and Hammer, W.R., 1991, Vertebrate trackways from the Triassic Fremouw Formation, Queen Alexandra Range, Antarctica: Antarctic Journal of the U.S., 1991 Review, v. 26., p. 20-22.
- 1990** Isbell, J.L., 1990, Depositional architecture of the Lower Permian Weller Coal Measure, southern Victoria land: Antarctic Journal of the U.S., v. 25, p. 28-29.
- Isbell, J.L., Taylor, T.N., Taylor, E.L., Cúneo, N.R., and Meyer-Berthaud, B., 1990, Depositional setting of Permian and Triassic fossil plants at Allan Hills, southern Victoria Land: Antarctic Journal of the U.S., v. 25, p. 22.
- Taylor, T.N., Taylor, E.L., Meyer-Berthaud, B., Isbell, J.L., and Cúneo, N.R., 1990, Triassic osmundaceous ferns from the Allan Hills, southern Victoria Land: Antarctic Journal of the U.S., v. 25, p. 18-19.
- Taylor, E.L., Taylor, T.N., Meyer-Berthaud, B., Isbell, J.L., and Cúneo, N.R., 1990, A Late Triassic flora from the Allan Hills, southern Victoria Land: Antarctic Journal of the U.S., v. 25, p. 20-21.
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- Macdonald, D.I.M. and Isbell, J.L., 1991, Geology of the Dover Sandstone (?Devonian), Pensacola Mountains: Implications for Devonian Stratigraphy of the Transantarctic Mountains: Eighth International Gondwana Symposium, Hobart, Tasmania, Abstracts, p. 55-56.
- Macdonald, D.I.M., Storey, B.C., Dalziel, I.W.D., Grunow, A.M., and Isbell, J.L., 1991, Early Palaeozoic sedimentation and tectonics in the Pensacola Mountains, Antarctica: Eighth International Gondwana Symposium, Hobart, Tasmania, Abstracts, p. 56.
- 1990** Isbell, J.L., 1990, Permian fluvial sedimentation in an evolving Late Paleozoic to Early Mesozoic foreland basin, central Transantarctic Mountains, Antarctica: Geological Society of America, North-Central Section, 24th Annual Meeting, Macomb, Illinois, Abstracts with Programs, v. 22, no. 5.
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- Holland, S.M., Sahagian, D.L., and Isbell, J.L., 1990, Thermal modeling of the Transantarctic foreland basin: comparison with field data: EOS, Transactions, American Geophysical Union, v. 71, no. 43, p. 1599.
- 1989** Isbell, J. L., 1989, Interstratified sheet sandstones and fine-grained deposits from the Permian of Antarctica: a braided stream sequence containing thick flood-plain deposits?: Fourth International Conference on Fluvial Sedimentology, Barcelona, Spain, Programme and Abstracts, p. 154.
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- 1988** Collinson, J.W., Isbell, J.L., and Miller, M.F., 1988, Mid-Paleozoic to Early Mesozoic evolution of the Transantarctic Basin: Geological Society of America, Abstracts with programs, v. 20 no. 7, p. 79.
- Isbell, J.L., 1988, Sheet sandstones and fine-grained sediments from the Permian of Antarctica: Significance of overbank deposits within a braided fluvial system: Fifth Annual Midyear Meeting of The Society of Economic Paleontologists and Mineralogists, Abstracts, p. 27.
- Macdonald, D.I.M., Storey, B.C., and Isbell, J.L., 1988, Sedimentologic and tectonic controls on mixed carbonate-clastic deposits from the Cambrian of Antarctica: Fifth Annual Midyear Meeting of The Society of Economic Paleontologists and Mineralogists, Abstracts, Supplemental insert.
- Isbell, J.L. and Collinson, J.W., 1988, Sedimentological significance of fluvial cycles in the Permian Coal Measures, Central Transantarctic Mountains, Antarctica: Seventh International Gondwana Symposium, Sao Paulo, Brazil, Abstracts, p. 82.
- Storey, B.C., Pankhurst, R.J., MacDonald, D.I.M., Dalziel, I.W.D., and Isbell, J.L., 1988, Tectonic evolution of West Antarctic crustal blocks and the adjacent Transantarctic Mountains Front in the Weddell Sea area: Seventh International Gondwana Symposium, Sao Paulo, Brazil, Abstracts, p. 56.
- 1987** Isbell, J.L., 1987, Fluvial architecture and Palaeocurrents of the Permian Fairchild and Buckley Formations, Beardmore Glacier region, Antarctica: Fifth International Symposium on Antarctic Earth Sciences, Cambridge England, Abstracts, p. 152.
- 1985** Isbell, J.L., 1985, Palynology and facies architecture of Lower Pennsylvanian coals - a method for fluvial flood plain reconstruction: Third International Fluvial Sedimentological Conference, Fort Collins, Colorado, Abstracts, p. 23.
- 1984** Isbell, J.L., Powell, R.D., and Ling, H.Y., 1984, Early to Middle Pennsylvanian changes in paleoslope and sediment source terrains in northwest Illinois: American Association of Petroleum Geologists Bulletin, v. 68, p. 490.
- Isbell, J.L., Ling, H.Y., and Powell, R.D., 1984, Early-Middle Pennsylvanian environments of northwest Illinois interpreted from palynology and lithofacies sequences: Geological Society of America, Abstracts with Programs, v. 16, p. 147.

INVITED SCIENTIFIC PRESENTATIONS

- 2011 *XVII International Congress on the Carboniferous and Permian, Perth, Australia.*
- 2011 *National Science Foundation, CTAM, Antarctica. The Late Paleozoic Ice Age.*
- 2005 *Earth System Processes 2: A global meeting presented by the Geological Society of America and the Geological Association of Canada: Isbell, J. L. and Flaig, P.P., Fluvial stratigraphy across the Permian-Triassic boundary in the Beardmore Glacier region, Antarctica: was plant extinction or tectonics the driving mechanism for producing changes in fluvial style?: Earth System Processes 2, Geological Society of America Specialty Meetings Abstracts with Programs, August 2005, Calgary Canada, 1, p.27.*
- 2004 *University of Nebraska - Lincoln, Gondwana Glaciation: How large was the Gondwanan Ice cap?*
- 2004 *Northern Illinois University, Depositional setting of Permian glacial deposits in the Transantarctic Mountains.*
- 2004 *GSA Annual Meeting: Session on Gondwana Glaciation: Isbell, J. L., Koch, Z. J., Lenaker, P.A., and Askin, R.A., 2004, Gondwana glaciation in the Darwin and central Transantarctic Mountains, Antarctica: evidence against an immense late Paleozoic ice sheet centered over Antarctica: GSA Abstracts with Programs Vol. 36, No. 5, p. 531.*
- 2002 *Vanderbilt University: Did waxing and waning of Gondwanan glaciers cause upper Paleozoic cyclothem?*

- 2001 *University of Iowa*: Did waxing and waning of Gondwanan glaciers cause upper Paleozoic cyclothems?
- 1999 *Northern Illinois University*: Lower Beacon Rocks in the Central Transantarctic Mountains: Possible Post-Ross Successor Basin Deposits:
- 1998 *The University of Wisconsin-Oshkosh*: The Beacon Supergroup of Antarctica: Its tectonic and Climatic implications within Pangea.
- 1997 *National Science Foundation Workshop on the central and southern Transantarctic Mountains, Byrd Polar Research Center, The Ohio State University*: Summary of Devonian to Jurassic rocks in Antarctica, and the problems that still need to be addressed.
- 1996 *Cambridge University, U.K., Cambridge Arctic Shelf Program*: Antarctica's late Paleozoic position in Gondwanaland (workshop presentation).
- 1994 *University of Illinois-Chicago*: Sequence stratigraphy of nonmarine deposits.
- 1993 *University of Wisconsin-Milwaukee*: Avulsion and the braided stream facies model.
- 1992 *Louisiana State University*: Sedimentology and stratigraphy of the Transantarctic Foreland Basin.
- 1992 *University of Wisconsin-Milwaukee*: Permian deposits of the Transantarctic Basin
- 1991 *Byrd Polar Research Center, The Ohio State University*: Fluvial sedimentology and basin analysis of the Permian Fairchild and Buckley Formations, Beardmore Glacier Region, Antarctica.
- 1991 *Antarctic Lecture Series in conjunction with Columbus Center of Science and Industry's (COSI museum) Antarctic Exhibit*: Antarctic Geology
- 1988 *Exxon Production Research, Houston Tx.*: Fluvial Architecture of an avulsing Braided stream system: The Permian Buckley Formation, Antarctica.

LIST OF RESEARCH COLLABORATORS

M.S. CO-ADVISORS

- Dr. Ross D. Powell *Glacial Sedimentologist*, Northern Illinois University, DeKalb, Illinois.
 Dr. Hsin Yi Ling, *Micro-paleontologist*, Northern Illinois University, DeKalb, Illinois.

PH.D. ADVISOR

- Dr. James W. Collinson *Stratigrapher*, Ohio State University, Columbus, Ohio.

PROJECT COLLABORATORS

- Dr. Rosemary. A. Askin *Palynologist*, Ohio State University.
 Dr. Loren E. Babcock *Invert. Paleontologist*, Ohio State University.
 Dr. Octavian Catuneanu *Basin Modeler/Sequence Stratigrapher*, University of Alberta.
 Dr. Patricia (Pato) Ciccioi *Sedimentary Geologist*, Universidad de Buenos Aires, Argentina
 Dr. Douglas Cole *Sedimentologist*, Council for Geosciences, Cape Town, S.Africa.
 Dr. N. Ruben Cúneo *Paleobotanist*, Museo Paleontológico Egidio Feruglio, Trelew, Argentina.
 Dr. Ian W.D. Dalziel *Structural Geologist*, University of Texas-Austin.
 Dr. David H. Elliot *Igneous Petrologist*, Ohio State University.
 Dr. David Fastovsky *Sedimentary geologist*, University of Rhode Island.
 Dr. Christopher Fielding *Sedimentologist*, University of Nebraska, Lincoln.
 Dr. Margaret Fraiser *Paleobiologist*, University of Wisconsin-Milwaukee
 Dr. Tracy Frank *Geochemist*, University of Nebraska, Lincoln.
 Dr. Anne M. Grunow *Geophysicist (Paleo-Mag.)*, Ohio State University
 Dr. William Hammer *Vertebrate Paleontologist*, Augustana College
 Dr. Stephen T. Hasiotis *Ichnologist*, University of Kansas, Lawrence, Kansas.
 Dr. Carlos Oscar Limarino *Sedimentologist*, Universidad de Buenos Aires, Argentina.
 Dr. David I.M. Macdonald *Sedimentologist*, University of Aberdeen, Scotland.

Dr. Sergio Marensi	<i>Sedimentary Geologist</i> , Universidad de Buenos Aires, Argentina
Dr. Brigitte Meyer-Berthaud	<i>Paleobotanist</i> , Laboratoire de Paléobotanique, U.S.T.L., Montpellier, France
Dr. Julia Miller	<i>Sedimentologist</i> , Vanderbilt University, Nashville, Tennessee.
Dr. Molly F. Miller	<i>Ichnologist</i> , Vanderbilt University, Nashville, Tennessee.
Dr. Isabel Montañez	<i>Sedimentary Geochemist</i> , University of California-Davis
Dr. Alejandra Pagani	<i>Paleontologist</i> , Museo Paleontológico Egidio Feruglio, Trelew, Argentina.
Dr. Ross D. Powell	<i>Sedimentologist</i> , Northern Illinois University, DeKalb, Illinois.
Dr. Catherine Reid	<i>Paleobiologist</i> , University of Canterbury, New Zealand.
Dr. Nicholas Rowe	<i>Paleobotanist</i> , University of London, Egham, Surrey, U.K.
Dr. Peter Sheehan	<i>Paleontologist</i> , Milwaukee Public Museum, Milwaukee, Wisconsin.
Dr. Luis Spalletti	<i>Sedimentologist</i> , Centro de Investigaciones, La Plata, Argentina
Dr. Brian C. Storey	<i>Structural Geologist</i> , British Antarctic Survey, Cambridge, U.K.
Dr. Arturo Taboada	<i>Paleontologist</i> , Universidad Nacional de la Patagonia.
Dr. Edith L. Taylor	<i>Paleobotanist</i> , University of Kansas, Lawrence, Kansas.
Dr. Thomas N. Taylor	<i>Paleobotanist</i> , University of Kansas, Lawrence, Kansas.
Dr. Ana Tedesco	<i>Sedimentary Geologist</i> , Universidad de Buenos Aires, Argentina
Dr. Aileen Yingst	<i>Planetary Geologist</i> , Wisconsin Space Grant Consortium.

EDUCATIONAL ACHIEVEMENT

COURSES TAUGHT AT UWM

- 422-100 *Introduction to Geology*: Undergraduate, lecture.
- 422-102 *Historical Geology*: Undergraduate, lecture.
- 422-199 Independent Study:
Topics: 1) Glacial Landforms of Wisconsin.
- 422-302 *Elementary Petrology*: Undergraduate, lecture and lab.
- 422-511 *Stratigraphy and Sedimentology*: Undergraduate/graduate, lecture and lab.
- 422-515 *Physical Sedimentology*: Undergraduate/graduate, lecture and lab.
- 422-558 *Conducted Field Trip*: Undergraduate/graduate, lecture, lab, and trip
Topics: 1) Paleozoic Geology of the Northern Appalachian Mountains–10 day trip.
2) Late Paleozoic depositional Environments of the Appalachian and Illinois Basins -8 day trip.
3) Sedimentology and paleobiology of the Bahamas-10 day trip.
4) Sequence Stratigraphy of the Book Cliffs, Utah-14 day trip.
- 422-694 *Undergraduate Seminar and field trip*:
Topics: 1) Geology of the Lake Superior region
- 422-668 *Seminar: Sedimentology of glacial deposits*: Undergraduate/Graduate
- 422-696 *Topics in the Geological Sciences: Basin Analysis and Sequence Stratigraphy*: Undergraduate/Graduate
- 422-697 *Seminar in Geological Sciences: Field Techniques in Clastic Sedimentology*: Undergraduate/Graduate
- 422-967 *Seminar in Geological Sciences: Glacial Sedimentology*: Graduate/Undergraduate.
- 422-699, *Advanced Independent Reading*: Undergraduate.
Topics: 1) Icehouse to greenhouse climate supercycles.
2) Sequence Stratigraphy.
3) Principles of Sedimentary Geology.
4) Facies Analysis.
5) Tectonics and Sedimentation.
6) Palynology.
1) Cambrian geology of Wisconsin
2) Subglacial processes

- 3) Glacial Geology
14. 422-742 *Sandstone Petrology*: Graduate, lecture and lab.
15. 422-961 *Seminar on Fluvial Sedimentology*: Graduate, lecture and laboratory.
16. 422-999, *Advanced Independent Reading*: Graduate.
- Topics:
- 1) Sedimentation and tectonics.
 - 2) The Transantarctic and Gondwanan Foreland basins.
 - 3) Braided stream deposits.
- 1) Permian glacial deposits.
- 5) Gondwana Sequence.

COURSES TAUGHT		
ACADEMIC YEAR	FALL SEMESTER	SPRING SEMESTER
2010-11	422-405; 38 students (1 contact-1 credit) 422-697; 2 students (3 credit-3 contact) 422-990; 2 student (2credit-2 contact) 422-998; 1 student (2 credits-2 contact) 422-999; 2 students (3 credits-3 contact)	422-511; 26 students (3 credit-3 contact) 422-694; 12 students (3 credit-3 contact) 422-990; 2 student (2credit-2 contact) 422-998; 2 student (3 credits-2 contact)
2009-10	422-515; 12 students (3 credits-3 contact) 422-990; 3 student (6 credit-3 contact) 422-998; 1 student (3 credits-2 contact)	422-511; 26 students (3 credit-3 contact) 422-990; 3 student (6 credit-3 contact) 422-998; 1 student (3 credits-2 contact)
2008-09	422-696; 8 students (3 credit-3contact) 442-990; 1 student (8 credits) 422-998; 1 student (2 credits)	422-100; 48 students (summer 3 credit-3 contact) 422-100; 156 students (3 credit-3 contact) 422-511; 15 students (3 credit-3 contact) 422-558; 8 students (3 credit-3 contact)
2007-08	422-515; 10 students (3 credit-3 contact) 422-990; 2 students (6 credits)	422-100; 50 students (summer 3 credit-3 contact) 422-511; 8 students (3 credit-3 contact) 422-695; 1 student (3 credit-3 contact) 422-990; 2 students (6 credits)
2006-07	422-697; 11 students (3credit-3 contact)	422-100; 147 students (3 credit-3 contact) 522-511; 16 students (3 credit-4 contact)
2005-2006	422-699; 1 student (3 credit-3 contact) 422-990; 1 student	422-511; (3 credits-4 contact) 422-558; (3 credits- 4.2 contact)
2004-2005	422-515; 9 students (3 credits-4 contact) 422-699 1 students (3 credits-3 contact) 422-990 1 students (3 credits-3 contact) 422-999 1 students (3 credits-3 contact)	422-100; 137 students (3 credits-3 contact) 422-511; 10 students (3 credits-4 contact)

2003-2004	422-697; 12 students (3 credits-3 contact) 422-990; 1 student	422-100; 141 students (3 credits-3 contact) 422-199; 2 student (Sum. 2 credit-2 contact) 422-511; 8 students (3 credits-4 contact) 422-699; 2 student (Sum. 3 credit-3 contact) 422-990 1 students (1 credits-1 contact)
2002-2003	422-515; 7 students (3 credits-4 contact) 422-990 2 students	422-102; 24 students (4 credits-4 contact) 422-511; 7 students (3 credits-4 contact) 422-990; 1 student 422-999; 1 student (3 credits-3 contact)
2001-2002 (8credit, 32 contact)	SABBATICAL 422-999; 1 student (3 credits-22 contact)	SABBATICAL 422-511; 16 students (3credits-4 contact) 422-990; 2 students (2 credits-6 contact)
2000-2001 (19credit, 21 contact)	422-515; 10 students (3 credits-4 contact) 422-699; 2 students (2 credits-2 contact) 422-668; 9 students (2 credits-2contact) 422-999; 3 students (3 credits-3contact)	422-102; 23 students (4 credits-4 contact) 422-511; 11 students (3 credits-4contact) 422-699; 1 student (1 credit-1 contact) 422-697; 1 student (3 credits-3contact) 422-999; 1 student (2 credit-2 contact)
1999-2000 (15 credit, 18.2 contact)	422-694; 9 students (3 credit-4 contact) 422-100; 118 students (3 credits -3 contact)	422-100; 98 students (3 credit-3 contact) 422-100; 41 students (Sum; 3 credits-3con.) 422-511; 4 students (3 credits-4 contact) 422-558; 16 students (3 credits- 4.2 contact)
1998-99 (12 credit, 14 contact)	422-100; 120 students (3 credits -3 contact) 422-515; 9 students (3 credits-4 contact)	422-100 (3 credits -3 contact) 422-100; 43 students (Sum; 3 credits-3con.) 422-511 (3 credits-4 contact)
1997-98 (15 credits, 18.2 contact)	422-100; 93 students (3 credits -3 contact) (Field work in Antarctica)	422-100; 67 students (3 credits -3 contact) 422-511; 12 students (3 credits, 4 contact) 422-558; 10 students (3 credits, 6.3 contact) 422-699; 1 student (3 credit, 2 contact)
1996-97 (16 credits, 17 contact)	422-515; 6 students (3 credits-4 contact) 422-100; 67 students (3 credits -3 contact)	422-999; 1 student (3 credits, 2 contact) 422-511; 12 students (3 credits, 4 contact) 422-102; 7 students (4 credits, 4 contact)

1995-96 (15 credit, 14 contact)	1 time course reduction for Asst. Profs. 1 course by out - - Field Work in Antarctica 422-999; 2 students (6 credits-6 contact)	422-999; 1 student (3 credits, 2 contact) 422-511; 8 students (3 credits, 3 contact) 422-100; 120 students (3 credits, 3 contact)
1994-95 (22 credits, 24 contact)	422-999; 1 student (3 credits, 2 contact) 422-742; 5 students (3 credits, 4 contact) 422-100; 108 students (3 credits, 3 contact)	422-699; 1 student (3 credits, 2 contact) 422-699; 2 student (6 credits, 4 contact) 422-511; 30 students (3 credits, 5 contact) 422-102; 30 students (4 credits, 4 contact)
1993-94 (35 credit, 29.5 contact)	422-999; 2 students (6 credits, 2 contact) 422-515; 9 students (3 credits, 4 contact) 422-100; 117 students (3 credits, 3 contact)	422-999; 1 student (3 credits, 2 contact) 422-699; 3 students (9 credits, 6 contact) 422-558; 21 students (3 credits, 7.3 contact) 422-302; 20 students (4 credits, 1.2 contact) 422-102; 29 students (4 credits, 4 contact)
1992-93 (13 credit, 15 contact)	422-961; 4 students (3 credits, 4 contact) 422-100; 130 students (3 credits, 3 contact)	422-742; 6 students (3 credits, 4 contact) 422-102; 37 students (4 credits, 4 contact)

CLASS FIELD TRIPS CONDUCTED

422-100 Introductory Geology

1. Glacial features of southeastern Wisconsin; structure of the Precambrian Baraboo Quartzite, Baraboo, Wisconsin; and stratigraphy/sedimentology of Cambrian sandstones and conglomerates, Baraboo, Wisconsin, 1 day field trip (Fall, 1992; Fall, 1993; Fall, 1994; Fall, 1996; Fall, 1997; Spring, 1998; Fall, 1998; Spring 1999; Fall, 1999; Spring 2000; Spring, 2004; Spring, 2005; Spring 2007).

422-102, Historical Geology

1. Stratigraphy and sedimentology of Ordovician sediments in southwestern Wisconsin, 2 day field trip (Spring, 1993; Spring, 1994; Spring, 1995; Spring, 1997; Spring 2001; Spring 2003).

422-511, Stratigraphy and Sedimentation

1. Pleistocene glacial, fluvial, and deltaic deposits in eastern Wis. 1 day field trip (Spring, 1996; Spring, 1997; Spring, 1998; Spring 1999; Spring, 2000; Spring 2001, 2010).
2. Pennsylvanian fluvial deposits of the Illinois Basin, 2 day field trip (Spring, 1995).
3. Depositional environments in the Appalachian Basin 6 day trip (Spring 2000).
4. Cambrian shallow marine storm deposits, Eau Claire, Wisconsin, 2 day trip (Spring, 2003; Spring, 2004; Spring, 2005; Spring 2006; Spring 2007; Spring 2008; Spring 2009; Spring 2011).

422-515, Physical Sedimentology

1. Wisconsin River -- Canoe trip to study bedforms/bars on a braided river, 1 day field trip (Fall, 1993; Fall, 1996; Fall, 1998; Fall 2002).
2. Pleistocene glacial, fluvial/deltaic deposits in eastern Wis., 1 day field trip (Fall, 1996; Fall, 1998).
3. Pleistocene and modern shoreline deposits of Lake Michigan, Wis. 1 day field trip (Fall, 1998; Fall, 2002).
4. Cambrian shallow marine storm deposits, Eau Claire, Wisconsin, 2 day trip (Fall, 2000).
5. Pennsylvanian Deposits of eastern Kentucky, 4 day trip (Fall, 2002).

422-558, Conducted Field Trip:

1. Upper Carboniferous sedimentation, cycles, and sediment body geometries of the Appalachian and Illinois Basins, 8 day field trip (Spring, 1998; Spring 2000).
2. Devonian foreland basin deposits, Upstate New York, 10 day field trip (Spring, 1994).
3. Sequence Stratigraphy of the Book Cliffs, Utah-14 day trip. (Spring 2006).
4. Sedimentology and paleobiology of the Bahamas-10 day trip (Spring 2009).
5. Precambrian and Cambrian rocks along the southern margin of Lake Superior (Spring, 2011).

422-694, Undergraduate Seminar and field trip:

1. Precambrian and Cambrian rocks along the southern margin of Lake Superior (Fall, 2000).

422-697, Seminar in Geological Sciences: Field Techniques in Clastic Sedimentology:

1. Mississippian and Pennsylvanian clastic and carbonate rocks in Kentucky, Virginia, and West Virginia, 8 day field trip (Fall 2003).

CIC Summer Research Opportunities Program

1. Sedimentology and Palynology of Pennsylvanian strata, Illinois Basin, 1 day field trip (Summer, 1993).

STUDENT RESEARCH PROJECTS DIRECTED

UNDERGRADUATE RESEARCH PROJECTS DIRECTED

- \$ Ross Hartwick, 2010, University of Wisconsin-Milwaukee
Sedimentology of the K-T Boundary in eastern Montana.
- \$ Elizabeth Stapleton, 2010, University of Wisconsin-Milwaukee
Sedimentology of the K-T Boundary in eastern Montana.
- \$ Sarah Survis, 2010, University of Wisconsin-Milwaukee
Sedimentology of the K-T Boundary in eastern Montana.
- \$ Dylan Wilmeth, 2010, University of Wisconsin-Milwaukee
Sedimentology of the K-T Boundary in eastern Montana.
- \$ Jenny Ulbricht, 2010, University of Wisconsin-Milwaukee
Sedimentology and Paleobiology of the Tepuel Basin, Patagonia, Argentina.
- \$ Sedimentology of the K-T Boundary in eastern Montana.
- \$ Stacie Albert, 2008-09, University of Wisconsin-Milwaukee
Sedimentology and Paleobiology of the Paganzo Basin, Argentina.
- \$ Danielle Sieger, 2008-09, University of Wisconsin-Milwaukee
Sedimentology and Paleobiology of the Tepuel Basin, Patagonia, Argentina.
- \$ Ashley Dineen, 2007-08, University of Wisconsin-Milwaukee
Modeling Alluvial accommodation space.
- \$ Quintin Bendixen, 2005-07, University of Wisconsin-Milwaukee.
Eolian gravel sheets in the Allan Hills, Antarctica: Analogue to
gravel sheets on mars.
- \$ Thomas Bellile, 2005, University of Wisconsin-Milwaukee.
Channel sand bodies in the Tertiary Fort Union Group, eastern Montana.
- \$ Kim Wilkinson, 2004, University of Wisconsin-Milwaukee.
Flume Study: effects of temperature and viscosity on the generation
of sandy bedforms.
- \$ Quintin Bendixen, 2004, University of Wisconsin-Milwaukee.
Flume Study: effects of temperature and viscosity on the generation
of sandy bedforms.
- \$ Peter Flaig: 2002, University of Wisconsin-Milwaukee.

- \$ Sandstone petrology of the Permian Weller Coal Measures, Antarctica.
Nichole Kneprath, 2002, University of Wisconsin-Milwaukee.
- \$ Sandstone petrology of the Permian Weller Coal Measures, Antarctica.
Victoria Smejál, 2002, University of Wisconsin-Milwaukee.
- \$ Petrology of sediment derived from the physical weathering of
granite, Wind River and Bighorn Mountains, Wyoming.
Emily Finzel: 2000, University of Wisconsin-Milwaukee.
- \$ Fluvial channel deposits in the Upper Carboniferous of Kentucky and West Virginia.
Colleen Kelly: 2000, University of Wisconsin-Milwaukee.
- \$ Fluvial channel deposits in the Upper Carboniferous of Kentucky and West Virginia.
Crystal Jensen: 1998, University of Wisconsin-Milwaukee.
- ♦ Late Paleozoic Gondwana Glaciation and Northern Hemisphere cyclothem.
Greg Graham: 1995. University of Wisconsin-Milwaukee.
- \$ Modeling the formation of parasequences during a relative rise in base level.
Kim Fisher: 1993-1994. University of Wisconsin-Milwaukee.
- \$ Sedimentology and palynology of Pennsylvanian coals within abandoned river
channels, Wyoming Hill, Iowa.
- \$ CIC Summer Research Opportunities Program: Mentor for undergraduate
research program, Graduate School, University of Wisconsin-Milwaukee, 1993.
- \$ Lynn Florich: 1993. University of Wisconsin-Milwaukee.
Sedimentology and ichnology of the Heiser Formation, Pensacola Mountains,
Antarctica.
- \$ Peter Mackenzie: 1992-93. The Ohio State University. Sedimentology
of the Fairchild Formation, Nimrod Glacier, Antarctica.

GRADUATE THESES AND DISSERTATIONS DIRECTED

- \$ Zelenda Koch, Ph.D. Expected 2014, University of Wisconsin-Milwaukee.
Basin analysis of Permian and Triassic strata in the central Transantarctic Mountains,
Antarctica.
- \$ Danielle Sieger, M.S., Expected 2012, Fluvial stacking patterns in the Permian Buckley
and the Triassic Fremouw Formations, central Transantarctic Mountains, Antarctica.
- \$ Lindsey Henry, Ph.D., Expected 2011, Carboniferous Glacial deposits of Argentina.
- \$ Mike Kennedy, M.S. Expected 2011, University of Wisconsin-Milwaukee
Sedimentology of the K-T Boundary in eastern Montana.
- \$ Thomas Bellie, M.S. Expected Spring, 2011, University of Wisconsin-Milwaukee.
Ground Penetrating Radar study of an active braid bar in the Wisconsin River.
- \$ Quintin Bendixon, M.S., Expected Summer 2011, TBA.
- \$ Ashley Dineen, M.S., 2010, Paleoclimate of the Tepuel Basin, Argentina.
- \$ Zelenda Koch, M.S., 2010, University of Wisconsin-Milwaukee.
Sedimentology of the Permian Pagoda Formation, Tillite Glacier, Antarctica. analysis
of Permian and Triassic strata in the central Transantarctic Mountains, Antarctica.
- \$ Kim Wilkinson, Did Not Finish, University of Wisconsin-Milwaukee. Changing
fluvial style across the Cretaceous-Tertiary boundary, Makosika State Park, Montana.
- \$ Lindsey Henry, Spring 2007, University of Wisconsin-Milwaukee. Carboniferous glacial
deposits of the Protoprecordillera, Argentina.
- \$ Mathew Kawa, Fall 2006, University of Wisconsin-Milwaukee. Lower
Paleozoic Incised Valleys on the Wisconsin Dome, Cottage Grove, Wisconsin.
- \$ Keri Wolfe, Summer 2006, University of Wisconsin-Milwaukee. Permian

- fluvial deposits, Southern Victoria Land, Antarctica.
- \$ Peter Flaig, Spring 2005, University of Wisconsin-Milwaukee. Changing fluvial style across the Permian-Triassic boundary: Beardmore Glacier region, central Transantarctic Mountains, Antarctica.
- \$ Andrew Mumpy, Spring 2004, University of Wisconsin-Milwaukee. Ground Penetrating Radar study of accretionary bar deposits in the braided Wisconsin River.
- \$ Brenda White: Did Not Finish, University of Wisconsin-Milwaukee. Comparison and contrast of fluvial and tidal meandering channel deposits from the Carboniferous of Kentucky.
- \$ Paul Lenaker: Spring, 2002, University of Wisconsin-Milwaukee. Upper Carboniferous and Permian glacial deposits in the Darwin Mountains, Antarctica.
- \$ Todd Feenstra: Did not finish, University of Wisconsin-Milwaukee. Sedimentology of the Braided Wisconsin River.
- \$ Greg A. Gelhar: Did not finish, University of Wisconsin-Milwaukee. Facies analysis of the Pagoda Formation, Geologist Range, Antarctica.
- \$ Gina M. Seegers: Spring, 1996, University of Wisconsin-Milwaukee. Depositional setting of the Mackellar Formation, Geologist Range, Antarctica.

Post Docs Supervised

- \$ Dr. Erik Gulbranson – 2010- present
- \$ Collaborative Research: Antarctic Ecosystems across the Permian-Triassic boundary: Integrating Paleobotany, Sedimentology, and Paleoecology.
- \$ Geochemistry and sedimentology of late Paleozoic strata in Argentina.

GRADUATE THESIS AND DISSERTATION COMMITTEES

M.S. COMMITTEES

- \$ Kathryn Pauls, Expected 2013.
- \$ Danielle Sieger, M.S., Expected 2012.
- \$ Quintin Bendixen, Expected, 2012.
- \$ Christine Barszewski, 2012.
- \$ Carleen Polk, 2012.
- \$ Scott Schafer, 2012.
- \$ Mike Kennedy, 2011.
- \$ Zelenda Koch, 2010.
- \$ Ashley Dineen, 2010.
- \$ Tristan Kloss, 2008.
- \$ Mark Schlottke, 2008.
- \$ Lindsey Henry, 2007.
- \$ Alan Halfen, 2007.
- \$ Keri Wolfe, 2006.
- \$ Mathew Kawa, 2006.
- \$ Peter Flaig, 2005.
- \$ Kirk L. Domke, 2005.
- \$ Lee Ann Atkinson, 2005.
- \$ Craig Lacosse, 2005.
- \$ Andrew Mumpy, 2004.

\$ Snejana Boscov, 2004.
\$ Tony Schram, 2003.
\$ Paul Lenaker, 2002.
\$ Catherine Hill, 2002.
\$ Eric Riddle, 2000.
\$ Michelle McGee, 1999.
\$ James Drought, 1999.
\$ Patrick Klages, 1998.
\$ William Bristol, 1997.
\$ Herbert Larsen, 1997.
\$ Jeffery Kuglich, Member, 1996.
\$ Gina Seegers: Advisor, 1996.
\$ Tina Reese, 1995.
\$ Laura Sexton, 1994.
\$ Todd Feenstra, did not finish.
\$ Greg Gelhar, did not finish.
\$ Brenda White .

PH.D. COMMITTEES

\$ Ashley Dineen, expected 2014
\$ Zelenda Koch, expected 2014
\$ Tristan Kloss, expected, 2012
\$ Lindsey Henry, expected, 2012
\$ Ji Jing Wang, 2005.
\$ Andrew Jones, University of Queensland, 2004.
\$ Saif Alhakimi, 2002.
\$ J. Elmo Rawlings, 2002.
\$ Mary Jo Schabel, 2000.
\$ Thomas Van Biersel, 1999.

SELECTED UNIVERSITY SERVICE

2011-12

\$ *Chair*, Department of Geosciences, U.W.M.
\$ *Member*, Faculty review committee (Shangping Xu), Dept. Of Geosciences, U.W.M.
\$ *Chair*, Faculty review committee (Margaret Fraiser), Dept. Of Geosciences, U.W.M
\$ *Alternate member*, Division of Natural Sciences Executive Committee, UWM.
\$ *Member*, Science Bag Committee, College of Letters and Sciences, UWM.
\$ *Alternate Member*, Faculty Rights and Responsibilities Committee, UWM.
\$ *Member*, Search Committee, Department of Geosciences, Geophysicist.

2010-11

\$ *Chair*, Department of Geosciences, U.W.M.
\$ *Member*, Faculty review committee (Lindsay McHenry), Dept. Of Geosciences, U.W.M.
\$ *Chair*, Faculty review committee (Margaret Fraiser), Dept. Of Geosciences, U.W.M
\$ *Alternate member*, Division of Natural Sciences Executive Committee, UWM.

\$ Member, Science Bag Committee, College of Letters and Sciences, UWM.
\$ Member, Search Committee, Department of Geosciences, Physical Hydrogeology.

2009-10

\$ Chair, Department of Geosciences, U.W.M.
\$ Member, Faculty review committee (Lindsay McHenry), Dept. Of Geosciences, U.W.M.
\$ Alternate member, Division of Natural Sciences Executive Committee, UWM.
\$ Chair, Faculty review committee (Steve Dornbos), Dept. Of Geosciences, U.W.M.
\$ Chair, Faculty review committee (Margaret Fraiser), Dept. Of Geosciences, U.W.M.
\$ Member, Science Bag Committee, College of Letters and Sciences, UWM.
\$ Member, Search Committee, Department of Geosciences, Geochemist.

2008-09

\$ Chair, Faculty review committee (Steve Dornbos), Dept. Of Geosciences, U.W.M.
\$ Chair, Faculty review committee (Margaret Fraiser), Dept. Of Geosciences, U.W.M.
\$ Member, Faculty review committee (Dyanna Czeck), Dept. Of Geosciences, U.W.M.
\$ Chair, Faculty review committee (Thomas Hooyer), Dept. Of Geosciences, U.W.M.
\$ Acting Chair, Dept. of Geosciences (occasionally)
\$ Alternate member, Division of Natural Sciences Executive Committee, UWM.

2007-08

\$ Chair, Division of Natural Sciences Executive Committee
\$ Chair, Faculty review committee (Steve Dornbos), Dept. Of Geosciences, U.W.M.
\$ Chair, Faculty review committee (Margaret Fraiser), Dept. Of Geosciences, U.W.M.
\$ Member, Faculty review committee (Dyanna Czeck), Dept. Of Geosciences, U.W.M.
\$ Chair, Glacial Search Committee.
\$ Acting Chair, Dept. of Geosciences (occasionally)

2006-07

\$ Chair, Division of Natural Sciences Executive Committee
\$ Chair, Faculty review committee (Steve Dornbos), Dept. Of Geosciences, U.W.M.
\$ Chair, Faculty review committee (Margaret Fraiser), Dept. Of Geosciences, U.W.M.
\$ Faculty review committee (Dyanna Czeck), Dept. Of Geosciences, U.W.M.
\$ Member, Faculty review committee (Barry Cameron), Dept. Of Geosciences, U.W.M.
\$ Acting Chair, Dept. of Geosciences (occasionally)

2005-06

\$ Chair, Faculty review committee (Steve Dornbos), Dept. Of Geosciences, U.W.M.
\$ Member, Faculty review committee (Dyanna Czeck), Dept. Of Geosciences, U.W.M.
\$ Member, Division of Natural Science Executive Committee.
\$ Acting Chair, Dept. of Geosciences (occasionally)

2004-05

\$ Chair, Faculty review committee (Theresa Boundy), Dept. Of Geosciences, U.W.M.

\$ Member, Faculty review committee (Dyanna Czeck), Dept. Of Geosciences, U.W.M.
\$ Member, EFS Ph.D. Committee, Graduate School/Dept. Of Geosciences, U.W.M.
\$ Acting Chair, Department of Geosciences, UWM., Summer Session.

2003-04

\$ Chair, Faculty review committee (Theresa Boundy), Dept. Of Geosciences, U.W.M.
\$ Faculty review committee (Dyanna Czeck), Dept. Of Geosciences, U.W.M.
\$ Co-Advisor, GEOCLUB, Dept. Of Geosciences, U.W.M.

2002-03

\$ Chair, Faculty review committee (Theresa Boundy), Dept. Of Geosciences, U.W.M.
\$ Curriculum Committee, College of letters and Sciences, U.W.M.
\$ Acting Chair, Department of Geosciences, UWM., Summer Session.

2001-02 (Sabbatical Year)

\$ Chair, Faculty review committee (Theresa Boundy), Dept. Of Geosciences, U.W.M.

2000-01

\$ Graduate Committee, Dept. of Geosciences, U.W.M.
\$ Chair, Undergraduate Committee
\$ Chair, Undergraduate Curriculum Revision, Dept. of Geosciences, U.W.M.
\$ Undergraduate Advisor, Dept. of Geosciences, U.W.M.
\$ Acting Chair, Department of Geosciences, UWM., Summer Session.

1999-00

\$ Graduate Committee, Dept. of Geosciences, U.W.M.
\$ Chair, Undergraduate Committee
\$ Chair, Undergraduate Curriculum Revision, Dept. of Geosciences, U.W.M.
\$ Undergraduate Advisor, Dept. of Geosciences, U.W.M.

1998-99

\$ Graduate Committee, Dept. of Geosciences, U.W.M.
\$ Chair, Undergraduate Curriculum Revision, Dept. of Geosciences, U.W.M.
\$ Undergraduate Advisor, Dept. of Geosciences, U.W.M.

1997-98

\$ Program Committee, Dept. of Geosciences, U.W.M.
\$ Undergraduate Committee, Dept. of Geosciences, U.W.M.
\$ Graduate Committee, Dept. of Geosciences, U.W.M.
\$ Departmental Banquet Committee, Dept. of Geosciences, U.W.M.
\$ Undergraduate Advisor, Dept. of Geosciences, U.W.M.
\$ Geoclub Advisor, Dept. of Geosciences, U.W.M.

1996-97

\$ Program Committee, Dept. of Geosciences, U.W.M.
\$ Undergraduate Sub Committee, Dept. of Geosciences, U.W.M.
\$ Departmental Banquet Committee, Dept. of Geosciences, U.W.M.

- \$ Undergraduate Advisor, Dept. of Geosciences, U.W.M.
- \$ Geoclub Advisor, Dept. of Geosciences, U.W.M.
- 1995-96
- \$ Curriculum Revisions Committee, Dept. of Geosciences, U.W.M.
- \$ Departmental Banquet Committee, Dept. of Geosciences, U.W.M.
- \$ Chair, Jobs Fair Committee, Dept. of Geosciences, U.W.M.
- \$ Planning Committee, Dept. of Geosciences, U.W.M.
- \$ Program Committee, Dept. of Geosciences, U.W.M.
- \$ Undergraduate Committee, Dept. of Geosciences, U.W.M.
- \$ Undergraduate Advisor, Dept. of Geosciences, U.W.M.
- \$ Geoclub Advisor, Dept. of Geosciences, U.W.M.
- 1994-95
- \$ Class and Curriculum Committee, Chair, Dept. of Geosciences, U.W.M.
- \$ Undergraduate Committee, Dept. of Geosciences, U.W.M.
- \$ Undergraduate Advisor, Dept. of Geosciences, U.W.M.
- \$ Geoclub Advisor, Dept. of Geosciences, U.W.M.
- 1993-94
- \$ Graduate Committee, Dept. of Geosciences, U.W.M.
- \$ Space Committee, Dept. of Geosciences, U.W.M.
- \$ Program Assessment Committee, Dept. of Geosciences, U.W.M.
- \$ Field Camp Committee, Dept. of Geosciences, U.W.M.
- \$ Geoclub Advisor, Dept. of Geosciences, U.W.M.
- \$ Undergraduate Advisor, Dept. of Geosciences, U.W.M.
- 1992-93
- \$ Graduate Committee, Dept. of Geosciences, U.W.M.
- \$ Space Committee, Dept. of Geosciences, U.W.M.
- \$ Dos Computer Lab Subcommittee, U.W.M.

PROFESSIONAL SERVICE

EDITORIAL SERVICE

- \$ Invited co-guest editor, Special volume of Gondwana Research. 2012.
- \$ Invited Co-Editor, Latin American Journal of Sedimentology and Basin Analysis. 2011.
- \$ Associate Editor: PALAIOS
- \$ Co-Editor, Geological Society of America Special Paper 441: Resolving the late Paleozoic Ice Age in Time and Space, 2008

REFEREED PAPERS

- \$ Antarctic Science
 - \$ Earth's Glacial Record: Cambridge, U.K., Cambridge University Press.
 - \$ Geological Evolution of Antarctica: Cambridge, U.K., Cambridge University Press.
 - \$ Geological Society of America Special Paper 216.

- \$ Bulletin of the Geological Society (London)
- \$ Geologica Acta
- \$ Geology
- \$ Geotimes
- \$ Gondwana Geology
- \$ GSA Today
- \$ Guidebook Field Excursions for 6th International Gondwana Symposium.
- \$ Journal of African Earth Sciences
- \$ Journal of South American Earth Sciences
- \$ Journal of Sedimentary Research.
- \$ Latin American Journal for Sedimentology and Basin Analysis
- \$ Palaeoecology, Palaeogeography, and Palaeoclimatology.
- \$ PALAIOS
- \$ Proceedings volume, 6th International Fluvial Conference
- \$ Proceeding Volume for 6th International Gondwana Symposium
- \$ Sedimentology
- \$ Science.
- \$ Proceedings volume, 7th International Fluvial Conference

REFEREED PROPOSALS

- \$ National Science Foundation
- \$ Office of Polar Program
- \$ EAR – Geology and Geophysics
- \$ International Research Fellowship Program
- \$ Served on Review Panel (2006)
- \$ Natural Environment Research Council (NERC), U.K.
- \$ South African National Research Foundation (NRF)
- \$ American Chemical Society, The Petroleum Research Fund

OTHER PROFESSIONAL SERVICE

- \$ *Member, Steering Committee* for the development of deep field camps in the Transantarctic Mountains, Office of Polar Programs, the National Science Foundation (2011-Present).
- \$ *Member, Office of Polar Programs Advisory Committee*, The National Science Foundation, 2012-2015.
- \$ *Field Leader*, for National Science Foundation Collaborative Research Project (UWM, and the Ohio State University) to Beardmore Glacier region, Antarctica, 2010-2011.
- \$ *Field Leader*, for National Science Foundation Collaborative Research Project (UWM, the and Vanderbilt University) to Allan Hills, Antarctica, 2005-2006.
- \$ *Chief Scientist*, National Science Foundation, Beardmore Glacier Science Camp, 2003-2004.
- \$ *Field Leader*, for National Science Foundation Collaborative Research Project (UWM, the and Vanderbilt University) to Beardmore Glacier region, Antarctica, 2003-2004.
- \$ *Advisory Committee*, Antarctic Rock Repository, The Ohio State University, 2003-present.

- \$ *Field Leader*, for National Science Foundation Collaborative Research Project (UWM, the Ohio State University, and Vanderbilt University) to Southern Victoria Land, Antarctica, 2001-2002.
- \$ *Field Leader*, for National Science Foundation Collaborative Research Project (UWM and the Ohio State University) to the Darwin Glacier region, Antarctica, 2000-2001.
- \$ *Alumni Advisory Committee*, Augustana College, Rock Island, Ill., 1996-1998.
- \$ *Field Leader*, for National Science Foundation Collaborative Research Project (UWM, the Ohio State University, and Vanderbilt University) to the Shackleton Glacier, Antarctica, 1996-97.

SPECIAL HONORS AND AWARDS

HONORS AND AWARDS

- \$ Senior Faculty Award, UWM Research Foundation, 2011.
- \$ *Fellow*, Geological Society of America, 2009 to recent.
- \$ *Delegate*, The International Gondwana Subcommission. 2005-2009.
- \$ *Co-Convenor* – National Science Foundation Workshop on the Late Paleozoic Ice Age. 2005.
- \$ *Mt. Isbell* -- Peak in the Geologist Range of Antarctica named for J.L. Isbell for work that he and colleagues conducted in the area
- \$ *Fox 6 (WITI-TV Milwaukee)*: John Isbell, Peter Sheehan, and Claudia appear on the Feb. 1, 2005 morning show to discuss their work on the Cretaceous-Tertiary Boundary in Montana and North Dakota..
- \$ *Northshore Lifestyles Magazine (M)*.; Interviewed John Isbell and former student Nichole Kneprath about research conducted in Antarctica, 2-8-04.
- \$ *Milwaukee Journal Sentinel*: Feb. 1, 2004 Article about one of John Isbell's undergraduate students (Zelenda Koch) who worked in Antarctica on one of his research projects: *Warm thoughts about 6 weeks in icy Antarctica* (<http://www.jsonline.com/lifestyle/compass/jan04/203698.asp>).
- \$ *Fox 6 (WITI-TV Milwaukee)*: John Isbell and two students (Pete Flaig and Zelenda Koch) to appear on the Jan. 23, 2004 morning show to discuss their recent research trip to Antarctica.
- \$ *WUWM (Milwaukee Public Radio)*: John Isbell and two students (Pete Flaig and Zelenda) were guest on the At TEN with Jane Hampden to discuss their research in Antarctica (February 04).
- \$ *News Graphic, Cedarburg WI.*, "Geology just got cooler for Cedarburg residents" Article about UWM's John Isbell's and Nichole Kneprath's work in Antarctica, March 04.
- \$ *UWM Alumni Magazine (UWM Today)*, "The ultimate field trip, article on John Isbell, Pete Flaig Zelenda Koch, and alumnus Nichole Kneprath research in Antarctica.
- \$ *National Geographic Magazine*: N. G. photographer and writer spent 10 days in the field with 2000-2001 Antarctic Project.
- \$ *Milwaukee Journal Sentinel*: Antarctic Research appeared on the front page of the Sunday 1-7-2001 issue of the Newspaper (Land lures those on jagged edge of science).
- \$ 1997 Antarctic field team was selected by the National Science Foundation to host an

author (Rebecca Johnson) who wrote a novel on geologist/paleontologist and their work in Antarctica (Project funded by NSF).

- \$ 1997 Antarctic field work selected by *National Geographic Television* and the *National Science Foundation* to be recorded for the *National Geographic Explorer* series (Project was not funded by the National Science Foundation).
- \$ Earth -- Earth magazine article ("South Pole Claw") on oldest crayfish claw, August 1997, p. 11-12.
- \$ *National Science Foundation Press Release*-- First crayfish and earliest Mesozoic crayfish burrows, Carboniferous-Triassic, Antarctica, November 1996.
- \$ *GSA Press Release*--GSA Abstract 1996 (Babcock, L.E., Miller, M.F., Isbell, J.L., and Collinson, J.W., First crayfish and earliest Mesozoic crayfish burrows, Carboniferous-Triassic, Antarctica) selected by the Geological Society of America for a press release at the National Convention in Denver, October, 1996.
- \$ *UWM Report* -- Article on Antarctic Research in the March, 1996 Issue.
- \$ *Milwaukee Journal Sentinel*: Antarctic Research appeared on the front page of the Monday 4-15-1996 issue of the Newspaper (Geologist's discovery offers clues to climate's evolution).
- \$ *CIC Summer Research Opportunities Program*: Nominated for mentor of the year award, Graduate School, University of Wisconsin-Milwaukee, 1994.
- \$ *Best Oral Presentation*: GSA, North-Central Section: 1990.
- \$ *Best Student Paper Award*: SEPM, Great Lakes Section: Best Student Paper Award, 1990.
- \$ *Distinguished Senior Ph.D. Award*: Dept. of Geol. Sciences, The Ohio State Univ., 1990.
- \$ *Presidential Fellowship*: The Ohio State University. 1989-90.
- \$ *Edmund Spieker Award, Research Excellence*: Dept. of Geol. Sciences, The Ohio State Univ., 1989.
- \$ *SHELL Ph.D. Fellowship*: Shell Oil Company Fellowship Award, 10/86-10/87.
- \$ *Goldich Award, Outstanding M.S. thesis*: Northern Illinois Univ., 1985.
- \$ *Antarctica Service Medal*: The National Science Foundation of the U.S.A., 1984.
- \$ *All American*: NCAA III, NJCAA, AAU, and USTFF, Cross Country and Track, 1976-80.
- \$ *Team Captain*: Cross Country, Augustana College, 1980.
- \$ *Athletic Scholarship*: Cross Country and Track, Bradley University, 1976-77.