

Curriculum Vita

Keith A. Sverdrup

Academic Rank Professor of Geophysics

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Certification Licensed Professional Geologist, State of Wisconsin (#427-013)
(expires 07/31/2018)

Education

1981 Ph.D. Earth Science (Tectonophysics)

University of California-San Diego (UCSD)
Scripps Institution of Oceanography
La Jolla, CA

Dissertation: *Seismotectonic Studies in the Pacific Ocean Basin*
Major Advisor: Professor Thomas H. Jordan

1975 B.S. Geophysics, with High Distinction

University of Minnesota
Department of Geology and Geophysics
Minneapolis, MN

Honors and Awards:

1. Elected **Fellow** of the Geological Society of America, 2010.
2. Undergraduate Teaching Award, University of Wisconsin-Milwaukee, 1994-95 academic year.
3. Elected a member of *Sigma Xi*, 1982.
4. Elected a member of *Tau Beta Pi*, 1974.

Professional Experience:

2017 (September) - Acting Deputy Division Director
2018 (January), Division of Undergraduate Education
2016 (August) - Education and Human Resources Directorate
2017 (May) National Science Foundation

and

2014-2018 & Program Director-Geosciences
2005-2007 Division of Undergraduate Education
Education and Human Resources Directorate
National Science Foundation

Program Director in the following programs:

1. Course, Curriculum, and Laboratory Improvement (CCLI)
2. Transforming Undergraduate Education in Science, Technology, Engineering and Mathematics (TUES)
3. National Science Digital Libraries (NSDL)
4. Robert Noyce Teacher Scholarship Program (Noyce)
5. International Polar Year (IPY)
6. Teacher Professional Continuum (TPC)
7. Improving Undergraduate STEM Education:EHR (IUSE:EHR)
8. Advanced Technological Education (ATE)
9. NSF Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM)
10. Improving Undergraduate STEM Education:GEOPATHS (IUSE:GEOPATHS)
11. Improving Undergraduate STEM Education:POLAR (IUSE:POLAR)

Co-Lead Program officer for the Robert Noyce Teacher Scholarship program
 Co-Lead Program Officer for the Improving Undergraduate STEM Education program

2001-present

Professor of Geophysics
 Department of Geosciences, UWM

1987-2001

Associate Professor of Geophysics
 Department of Geosciences, UWM

1992-95

Chair, Department of Geosciences
 University of Wisconsin-Milwaukee (UWM)

1983-87

Assistant Professor of Geophysics
 Department of Geosciences, UWM

1981-83

Assistant Professor of Geophysics
 Southern Illinois University-Carbondale, and

Research Geophysicist
 Coal Research Center
 Southern Illinois University-Carbondale

1976-81

Research Assistant (UCSD)
 Scripps Institution of Oceanography, University of California-San Diego

Research Cruises participated in while at Scripps Institution of Oceanography

1. Cruise 'COCOTOW' for one month off the coast of Mexico conducting Deep-Tow surveys of the East Pacific Rise, 1974.
2. Cruise 'INDOPAC' for two months in the western Pacific and South China Sea conducting seismic refraction surveys and coring, 1976.
3. Cruise 'ROSE' for one month conducting seismic refraction surveys of the Rivera Fracture Zone-East Pacific Rise intersection, 1979.
4. Cruise 'TAHITI' for one month conducting bathymetric surveys and seismic detection work in the South Pacific, 1979.

Professional Service:

A. *Membership in Professional Societies:*

1. American Geophysical Union (1977-present)
2. American Institute of Physics (1988-present)
3. Sigma Xi (1981-present)
4. Tau Beta Pi (1974-present)
5. Wisconsin Archeological Society (1989-1995)
6. American Society of Limnology and Oceanography (1999-present)
7. National Science Teachers Association (1999-present)
8. National Association of Geology Teachers (1999-present)
9. The Ocean Society (2000-2005)
10. Geological Society of America (2000-present)

B. *Offices Held in Professional Societies and Honor Societies:*

1. *Tau Beta Pi*, Minnesota Chapter (member 1974-present, **President** 1974-75)
2. *Student Travel Grant Program*, American Geophysical Union, I served as the sole reviewer for all student travel grant applications for the AGU for the period (1990-96)
3. *Planning Committee*, American Geophysical Union (1992-96)
4. Member of the American Geophysical Union's panel to formulate a position paper on a national program for pre-college Earth Science education (1992)
5. *Editorial Advisory Committee* for the publication *Earth in Space*, American Geophysical Union (**Chair** 1991-93)
6. *Committee on Physics Education*, American Institute of Physics (1989-1995)
7. *Education and Human Resources Committee*, American Geophysical Union (member 1984-96, **Chair** 1992-96)
8. *Excellence in Geophysical Education Award Committee*, American Geophysical Union (**Chair** 1996-98)
9. *Committee on Physics Programs Policy*, American Institute of Physics (1997-2003)
10. *Public Information Committee*, American Geophysical Union (2000-04)
11. *Charles S. Falkenberg Award Committee*, American Geophysical Union (2002-04)
12. *Walter Sullivan Award Committee*, American Geophysical Union (**Chair** 2004-6)
13. *Education Committee*, Geological Society of America (2004-06)

C. *National Science Foundation Review Panels (~500 reviews, 47 panels, 10 programs):*

Program

Advanced Technological Education (ATE)
Course, Curriculum, and Laboratory Improvement Program (CCLI) Phase 1
Course, Curriculum, and Laboratory Improvement Program (CCLI) Phase 2&3
Graduate Research Fellowship Program (GRFP)
Robert Noyce Teacher Scholarship Program (Noyce)
National STEM Education Distributed Learning Program (NSDL)
Opportunities for Enhancing Diversity in the Geosciences (OEDG)
Scholarships in Science, Technology, Engineering, and Math Program (S-STEM)
Science, Technology, Engineering and Math Talent Expansion Program (STEP)
Transforming Undergraduate Education in STEM (TUES) Phase 1
Transforming Undergraduate Education in STEM (TUES) Phase 2 & 3
Widening Implementation and Demonstration of Evidence-Based Reforms (WIDER)

D. *Other:*

1. Co-convenor of the *Symposium on the Tectonics of the Upper Mississippi Embayment and Adjacent Areas* at the 12th annual meeting of the Eastern Section of the American Association of Petroleum Geologists, Southern Illinois University-Carbondale, October, 1983.
2. Invited participant at the conference on *Research to Practice: Improving Learning and Teaching of Science and Mathematics* jointly sponsored by The Johnson Foundation, the Council of Science Society Presidents, and the American Psychological Association, Wingspread, September, 1992.
3. Invited participant and Discipline Leader at the *Workshop on the Role of Professional Societies in Two-Year College Science, Mathematics, and Engineering Education* sponsored by the Division of Undergraduate Education at the National Science Foundation, Washington, D.C., October, 1992.
4. Invited participant at the National Science Foundation's invitational conference *Beyond National Goals and Standards: Excellence in Mathematics and Science Education K-16*, Washington, D.C., February, 1993.
5. One of forty people accepted nationally to attend the conference *Science Education in the Schools: A Working Conference for Scientists and Engineers* sponsored by the National Science Resources Center, National Academy of Sciences, and the Smithsonian Institution, Huntsville, AL, January 24-28, 1994.
6. Invited participant at the *Forum for Presidents and Executive Directors of Earth Science Societies* sponsored by the Board on Earth Sciences and Resources of the National Academy of Sciences-National Research Council, Washington, D.C., November, 1994.
7. Invited participant at the National Convocation on Science and Engineering Doctoral Education entitled *From Discussion to Action: Meeting the Needs of Future Generations of Graduate Scientists and Engineers* sponsored by the Committee on Science, Engineering, and Public Policy of the National Academy of Sciences-National Academy of Engineering-Institute of Medicine, Washington, D.C., June, 1996.
8. Attended the NAGT-NSF Workshop on Innovative and Effective Techniques for Teaching Geosciences, American Society of Limnology and Oceanography Ocean Sciences Meeting, San Diego, CA, Feb. 8, 1998.
9. Attended the NAGT-NSF Workshop on Innovative and Effective Techniques for Teaching Geosciences at the College of William and Mary, July 7-11, 1998. This workshop was limited to 25 participants. Preference was given to applicants who had previously attended one of the one-day workshops held at professional meetings such as the one I have listed in item 9 above.
10. Co-convenor (with Prof. Nancy Marcus of Florida State University and Prof. Jill Whitman of Pacific Lutheran University) of a workshop entitled *Innovative Course Designs for Non-Major Introductory Aquatic Science Courses* at the ASLO meeting in Santa Fe, NM, Jan. 31, 1999.
11. Invited participant at a National Science Foundation (NSF) Division of Ocean Sciences (OCE) workshop designed to explore the feasibility of establishing a national Center for Ocean Science Education Excellence (COSEE). The workshop was held May 23-26, 2000 at the Gulf Coast Research Laboratory of The University of Southern Mississippi.
12. Attended the NAGT-NSF Workshop on Building the Quantitative Skills of Students in Geoscience Courses at Colorado College, July 5-9, 2000. This workshop was limited to 50 participants.
13. Co-convenor (with Prof. Vincent Cronin at UWM) of a session entitled *Analysis of Active and Potentially Active Faults: Challenges and Case Histories (GSA Engineering Division)* at the Geological Society of America annual meeting, Reno, NV, Nov. 13, 2000.
14. Invited participant (10 total participants) at the *Teaching Quantitative Skills in a Geoscience Context* workshop at the Science Education Resource Center, Carleton College, Northfield, MN, July 15-17, 2004. <http://serc.carleton.edu/quantskills/workshop/index.html>
15. Invited talk: *Incorporating Geoscience Research Experiences in an Upper Division Seminar Course*, National Science Foundation, April, 2005.
16. Co-convenor (with Prof. Vincent Cronin at Baylor Univ.) of session no. 214 of oral talks entitled *Recognition and Characterization of Neogene Faults* at the Geological Society of America annual meeting, Salt Lake City, UT, Oct. 19, 2005.
17. Co-convenor (with Prof. Vincent Cronin at Baylor Univ.) of session no. 256 of poster presentations entitled *Recognition and Characterization of Neogene Faults* at the Geological Society of America annual meeting, Salt Lake City, UT, Oct. 19, 2005.
18. Co-presenter at National Science Foundation workshop entitled *Grant Writing Workshop for New Investigators* at the American Geophysical Union annual meeting, San Francisco, CA, Dec. 4, 2005.

19. Co-convener at National Science Foundation workshop entitled *How to Get a Research Program Started at a PUI (Primarily Undergraduate Institution)* at the American Geophysical Union annual meeting, San Francisco, CA, Dec. 7, 2005.
20. National Science Foundation CCLI & TUES PI Meeting Publication Committee, Special committee of six members to identify exemplary dissemination plans from among ~400 projects presented at the meeting, January 27-28, 2011, Committee Chair.
21. Co-convener (with Marilyn Suiter at NSF) of session no. 13 of oral presentations entitled *Preparing Pathways in K-12 Classrooms for Tomorrow's Diverse Geoscience Workforce: Teachers, Students, and Communities* at the Geological Society of America annual meeting, Baltimore, MD, Nov. 1, 2015.
22. Co-Chair of the Inter-Agency Working Group on Ocean Education (IWG-OE) of the Subcommittee on Ocean Science and Technology (SOST) under the White House National Science and Technology Council (NSTC), 2016-present.

Research:

A. Research Interests:

1. Seismotectonics.
2. Regional gravity and magnetic surveys of subsurface structures.
3. Geophysical applications to archaeological problems.

B. Proposals:

1. *Earthquakes on the Gorda Rise* : Office of Research Development and Administration, Southern Illinois University-Carbondale (1981-82) : \$2,500.
2. *Geophysical Survey of the Arkansas Seismic Zone* : Office of Research Development and Administration, Southern Illinois University-Carbondale (1983), (with Dr. Malinicono) : \$1,144.
3. *A Preliminary Study of the Determination of Basin Sediment Thickness from Rayleigh Wave Inversion* : Union Oil International (1984), (with Dr. Taylor) : \$23,632.
4. *Geophysical Investigation of the Great Lakes Tectonic Zone in Eastern South Dakota* : Research and Sponsored Programs, The Graduate School, University of Wisconsin-Milwaukee (1986-87) : \$7,890.
5. *Lake Bottom Measurements of the Total Magnetic Field* : National Oceanic and Atmospheric Administration National Undersea Research Program (1986) : 2 dives granted on the submersible Johnson Sea Link in Lake Superior.
6. *Quantification of Sediment Thickness in Geologic Basins Using Rayleigh Wave Inversion Techniques* : Union Oil International (1986-87), (with Dr. Taylor) : \$26,998.
7. *Gravity and Magnetic Surveys in Eastern South Dakota* : South Dakota Geological Survey (1986) : \$12,416.
8. *A Total Field Magnetic Survey in eastern South Dakota* : South Dakota Geological Survey (1987) : \$8,685.
9. *Intergovernmental Mobility Assignment* : NSF-DUE #0549133 (2005) : \$134,828.
10. *Intergovernmental Mobility Assignment* : NSF-DUE #0647047 (2006) : \$143,527.
11. *COMPASS: New Directions for Natural Science Students* : NSF-DUE # 0807183 (2008) : \$599,532.
12. *Intergovernmental Mobility Assignment* : NSF-DUE #1429902 (2014) : \$166,780.
13. *Intergovernmental Mobility Assignment* : NSF-DUE #1536039 (2015) : \$172,006.
14. *Intergovernmental Mobility Assignment* : NSF-DUE #1634942 (2016) : \$174,379.
15. *Intergovernmental Mobility Assignment* : NSF-DUE #1723122 (2017) : \$176,751.

Publications:

A. Published Books:

1. Duxbury, A.C., A.B. Duxbury, and K.A. Sverdrup, An Introduction to the World's Oceans, 6th edition, McGraw-Hill Publishers, 528 p., Copyright 2000, ISBN 0-07-303603-X.
2. Duxbury, A.B., A.C. Duxbury, and K.A. Sverdrup, Fundamentals of Oceanography, 4th edition, McGraw-Hill Publishers, 344 p., Copyright 2002, ISBN 0-07-242970-6.
3. Sverdrup, K.A., A.C. Duxbury, and A.B. Duxbury, An Introduction to the World's Oceans, 7th edition, McGraw-Hill Publishers, 521 p., Copyright 2003, ISBN 0-07-247280-4.
4. Sverdrup, K.A., A.C. Duxbury, and A.B. Duxbury, An Introduction to the World's Oceans, 8th edition, McGraw-Hill Publishers, 514 p., Copyright 2004, ISBN 0-07-252807-9.
5. Sverdrup, K.A., A.B. Duxbury, A.C. Duxbury, Fundamentals of Oceanography, 5th edition, McGraw-Hill Publishers, 342 p., Copyright 2006, ISBN 0-07-282678-9.
6. Sverdrup, K.A., and E.V. Armbrust, An Introduction to the World's Oceans, 9th edition, McGraw-Hill Publishers, 521 p., Copyright 2008, ISBN 978-0-07-282701-9.
7. Sverdrup, K.A., and E.V. Armbrust, An Introduction to the World's Oceans, 10th edition, McGraw-Hill Publishers, 508 p., Copyright 2009, ISBN 978-0-07-337670-7.
8. Sverdrup, K.A., and R. Kudela, Investigating Oceanography, 1st edition, McGraw-Hill Publishers, 472 p., Copyright 2014, ISBN 978-0-07-802291-3.
9. Sverdrup, K.A., and R. Kudela, Investigating Oceanography, 2nd edition, McGraw-Hill Publishers, 490 p., Copyright 2017, ISBN 978-0-07-802293-7.

B. *Published Papers:*

1. Okal, E.A., Talandier, J., Sverdrup, K.A., and Jordan, T.H., *Seismicity and Tectonic Stress in the South-Central Pacific*, J. Geophys. Res., 85, p. 6479-6495, 1980.
2. Jordan, T.H., and Sverdrup, K.A., *Teleseismic Location Techniques and their Application to Earthquake Clusters in the South-Central Pacific*, Bull. Seism. Soc. Am., 71, p. 1105-1130, 1981.
3. Zimmerman, J., Sverdrup, K.A., Evansin, D.P., and Ragan, V.S., *Reconnaissance Structural Geology in the Western Mazon Basin, Southern Benton Uplift, Arkansas*, Arkansas Geological Commission, Misc. Pub. 18-B, Contributions to the Geology of Arkansas Vol. II, 161-177, 1984.
4. Sverdrup, K.A., Macdonald, K.C., and Prothero, W.A., *Ocean Bottom Seismometer Detection of Earthquakes on the Gorda Rise near 41.5 N*, Marine Geophys. Res., 7, p. 439-453, 1985.
5. Sverdrup, K.A., *Shallow Seismic Refraction Survey of Near-Surface Groundwater Flow*, Ground Water Monitoring Rev., p. 80-83, Winter 1986.
6. Sverdrup, K.A. *Multiple-Event Relocation of Earthquakes on and near the Gorda Ridge*, Geophys. Res. Letters, 13, no. 7, p. 674-677, 1986.
7. Sverdrup, K.A., *A Program for Calculating Refraction Times for Layered Models with Arbitrarily Dipping Discontinuities*, J. Geol. Ed., 34, p. 262-264, 1986.
8. Sverdrup, K.A., *Multiple-Event Relocation of Earthquakes Near the Gorda Rise - Mendocino Fracture Zone Intersection*, Geophys. Res. Letters, 14, no. 4, p. 347-350, 1987.
9. Sverdrup, K.A., Overstreet, D.F., and Sullivan, N.L., *Proton Magnetometer Applications at the Cutler Park Site, Waukesha County, Wisconsin*, The Wisconsin Archaeologist, 68, no. 2, p. 148-154, 1987.
10. Cronin, V.S., Schurter, G.S., and Sverdrup, K.A., *Preliminary Landsat lineament analysis of the northern Nanga Parbat-Haramosh Massif, northwest Himalaya*, from Treloar, P.J. & Searle, M.P. (eds), Himalayan Tectonics, Geological Society of London Special publication, No. 74, p. 193-206, 1993.
11. Sverdrup, K.A., Schurter, G.J., and Cronin, V.S., *Relocation Analysis of Earthquakes near Nanga Parbat-Haramosh Massif, Northwest Himalaya, Pakistan*, Geophys. Res. Letters, 21, no. 21, p. 2331-2334, 1994.
12. Sverdrup, K.A., Kean, W.F., Herb, S., Burkardt, S.A., and Friedel, R.J., *Gravity Signature of the Waukesha Fault in Southeastern Wisconsin*, Geoscience Wisconsin, 16, p. 47-54, 1997.
13. Cronin, V.S., and Sverdrup, K.A., *Preliminary assessment of the seismicity of the Malibu Coast Fault Zone, southern California, and related issues of philosophy and practice*, in Welby, C.W. and Gowan, M.E., eds, A Paradox of Power: Voices of Warning and Reason in the Geosciences: Boulder, Colorado, Geological Society of America Reviews in Engineering Geology, v. XII, Copyright 1998, ISBN 0-8137-4112-2.

14. Sverdrup, K.A., *Detection of Household Clusters at the Fred Edwards Site, Southwestern Wisconsin, Using Electrical Resistivity Surveying*, *The Wisconsin Archaeologist*, 79(2), p. 303-308, 1998.
15. Sverdrup, K.A., and Overstreet, D.F., *Detection of Burial Plots at the Milwaukee County Medical Complex Using Electrical Resistivity*, *The Wisconsin Archaeologist*, 79(2), p. 309-313, 1998.
16. Cronin, V.S., and Sverdrup, K.A., *Defining Static Correction for Jointly Relocated Earthquakes along the Blanco Transform Fault based on SOSUS Hydrophone Data*, *Oceans 2003 MTS/IEEE Conference Proceedings* (ISBN 0-933957-30-9), p. P2721-2726, San Diego, California, Sept. 2003.
17. Cronin, V.S., and Sverdrup, K.A., *Multiple-Event Relocation of Historic Earthquakes Along the Blanco Transform Fault Zone, NE Pacific*, *Geophys. Res. Letters*, 30, no. 19, p. 2001-2004, 2003.

C. Reviewed Web Publications:

1. Duxbury, A.C., and Sverdrup, K.A., *Estimating Exchange Rates of Water in Embayments using Simple Budget Equations*, activity developed during the NAGT/SERC/NSF workshop on "Teaching Quantitative Skills in a Geoscience Context", 2004. This activity has been accepted in to the *On the Cutting Edge* Exemplary Teaching Activity collection ("Exemplary" status is awarded to only 10-20% of the teaching activities in the collection).
http://serc.carleton.edu/quantskills/workshopactivities/exchange_rates.html
2. Sverdrup, K., MacKay, B., and Swarn, G., *Understanding Uncertainty*, tutorial developed during the NAGT/SERC/NSF workshop on "Teaching Quantitative Skills in a Geoscience Context", 2004.
<http://serc.carleton.edu/quantskills/methods/uncertainty/index.html>
3. Cronin, V.S., and Sverdrup, K.A. *Finding the Moho Under Milwaukee?*, activity developed during the NAGT/SERC/NSF workshop on "Understanding the Deep Earth", 2010. This activity has been accepted in to the *On the Cutting Edge* Exemplary Teaching Activity collection ("Exemplary" status is awarded to only 10-20% of the teaching activities in the collection).
<http://serc.carleton.edu/NAGTWorkshops/deepearth/activities/40458.html>

D. Published Abstracts:

1. Sverdrup, K.A., Macdonald, K.C., Prothero, W.A., and Reid, I., *Ocean Bottom Seismometer Measurements of Earthquakes on the Gorda Rise*, *Eos, Trans. Amer. Geophys. Union*, 58, no. 12, p. 1230, 1977.
2. Sverdrup, K.A., Macdonald, K.C., Jordan, T.H., Ponce, L., and Morales, L., *A Study of the Seismicity of the Accretionary Wedge Behind the Middle America Trench near Acapulco and an Overview of the Rivera Ocean Seismic Experiment*, *CIBCASIO IV Annual Meeting*, Ensenada, Mexico, 1978.
3. Jordan, T.H., Sverdrup, K.A., Okal, E.A., and Talandier, J., *Two Seismically Active Features of the Pacific Basin*, *Eos, Trans. Amer. Geophys. Union*, 59, no. 12, p. 1135, 1978.
4. Sverdrup, K.A., Jordan, T.H., Macdonald, K.C., Ponce, L., and Morales, L., *Tectonics and Structure of the Middle America Trench near Acapulco*, *Eos, Trans. Amer. Geophys. Union*, 59, no. 12, p. 1195, 1978.
5. Sverdrup, K.A., Jordan, T.H., Talandier, J., and Okal, E.A., *Seismicity and Tectonic Stress in the South-Central Pacific*, *Eos, Trans. Amer. Geophys. Union*, 60, no. 18, p. 311, 1979.
6. Sverdrup, K.A., and Jordan, T.H., *Bathymetric Survey of Seismic Region A, South-Central Pacific Ocean*, *Eos, Trans. Amer. Geophys. Union*, 60, no. 46, p. 957, 1979.
7. Sverdrup, K.A., and Jordan, T.H., *Multiple-Event Location by Hypocentroidal Decomposition*, *Eos, Trans. Amer. Geophys. Union*, 61, no. 46, p. 1029, 1980.
8. Malinconico, L.L., and Sverdrup, K.A., *Gravity Field Changes over the Arkansas Valley Seismic Zone*, *Geological Society of America*, abstracts with program, 15, no. 6, p. 634, 1983.
9. Shoemaker, C., and Sverdrup, K.A., *Relocation of Earthquakes on and Near the Gorda Rise*, *Eos, Trans. Amer. Geophys. Union*, 65, no. 16, p. 273, 1984.
10. Sverdrup, K.A., and Kean, W.F., *A Gravity Survey Over the Waukesha Fault in Southeastern Wisconsin*, *Thirty-Second Annual Institute on Lake Superior Geology*, abstracts of the meeting, p. 76, 1986.

11. Kane, K., and Sverdrup, K.A., *Preliminary Magnetic Surveys in Eastern South Dakota*, Thirty-Second Annual Institute on Lake Superior Geology, abstracts of the meeting, p. 38, 1986.
12. Mize, T., Kean, W.F., and Sverdrup, K.A., *Magnetic Survey Across the Niagara Fault in Northern Wisconsin*, Thirty-Second Annual Institute on Lake Superior Geology, abstracts of the meeting, p. 58, 1986.
13. Bartling, S., and Sverdrup, K.A., *Gravity Survey in Southeastern South Dakota*, Thirty-Second Annual Institute on Lake Superior Geology, abstracts of the meeting, p. 7, 1986.
14. Sverdrup, K.A., Haas, L., Kane, K., and Hammond, D., *Magnetic Signature of the Great Lakes Tectonic Zone in Eastern South Dakota*, Twenty-First Annual Meeting, North-Central Section, Geological Society of America, abstracts with program, 19, no. 4, p. 248, 1987. (Invited)
15. Sverdrup, K.A., and Okal, E.A., *Cluster Relocations for the Gilbert Islands Swarm*, Eos, Trans. Amer. Geophys. Union, 68, no. 16, p. 363, 1987.
16. Sverdrup, K.A., and Stoltman, J., *A Resistivity Survey at the Fred Edwards Site (Wisconsin)*, Midwest Archaeological Conference, abstracts of the meeting, p. 15, 1987.
17. Bodus, T.M., and Sverdrup, K.A., *Preliminary Magnetic Survey of the Niagara Fault System in Florence, Forest, and Marinette Counties, Wisconsin*, Thirty-Fifth Annual Institute on Lake Superior Geology, abstracts of the meeting, p. 9-10, 1989.
18. Reich, L., Kean, W.F., and Sverdrup, K.A., *Preliminary Geomagnetic Model of the St. Croix Horst in Polk County, Wisconsin*, Thirty-Fifth Annual Institute on Lake Superior Geology, abstracts of the meeting, p. 74-76, 1989.
19. Sverdrup, K.A., and Kean, W.F., *Gravity and Magnetic Data Over the Waukesha Fault, S.E. Wisconsin*, Thirty-Fifth Annual Institute on Lake Superior Geology, abstracts of the meeting, p. XVII, 1989.
20. Sverdrup, K.A., *Professional Societies and Teaching Professionals: A Partnership in Earth Science Education*, Twenty-Fourth Annual Meeting, North-Central Section, Geological Society of America, Symposium on Earth Science Education in the 1990's, abstracts of the meeting, p. 46, 1990, **Invited**.
21. Cronin, V.S., Schurter, G., and Sverdrup, K.A., *LANDSAT Drainage Lineaments, Seismicity and Uplift of the Nanga Parbat-Haramosh Massif, Northwest Himalaya*, Geological Society of America, abstracts with program, 22, no. 7, p. A232, 1990.
22. Sverdrup, K.A., Schurter, G.J., and Cronin, V.S., *Relocation of Earthquakes near the Nanga Parbat-Haramosh Massif in the Karakoram-Himalayan Mountains, Pakistan*, Eos, Trans. Amer. Geophys. Union, 71, no. 17, p. 562, 1990.
23. Cronin, V.S., Schurter, G., and Sverdrup, K.A., *Preliminary LANDSAT Lineament Analysis of the Northern Nanga Parbat-Haramosh Massif, Northwest Himalaya*, Proceedings of the 7th Himalaya-Karakoram-Tibet Workshop, Oxford University, p. 18-19, 1992.
24. Sverdrup, K.A., and Overstreet, D.F., *Application of Electrical Resistivity Surveying to the Location of Grave Sites*, Midwest Archaeological Conference, abstracts with program, 1993.
25. Sverdrup, Keith A., Cronin, Vincent S., and Schurter, G. J., *Investigation of Late Cenozoic-Recent Structural Activity Near Nanga Parbat-Haramosh Massif, Northwest Himalaya*, Geological Society of America, abstracts with program, 25, no. 6, p. A-122-123, 1993.
26. Sverdrup, K.A., and Kolb, M.F., *Getting the Signal Straight: Combined Geophysical and Geomorphological Investigations at the MaGee-Mitten Archaeological Site, Northeastern Wisconsin*, Geological Society of America, abstracts with program, 27, no. 6, p. A-301, 1995.
27. Schiefelbein, I.M., Walsh, K., Boldt, J., Riedel, J., Cronin, V.S., and Sverdrup, K.A., *Looking for Unmapped Strands of the Malibu Coast Fault Zone, Southern California*, Geological Society of America, abstracts with program, 30, no. 5, p. 64, 1998.
28. Sverdrup, K.A., *The Metamorphosis from Research to Pedagogy, Changing Expectations and Obligations*, ASLO 2000 meeting, abstracts published as a supplement to: Eos, Trans. Amer. Geophys. Union, 80, no. 49, OS21T-02, 2000, **Invited**.
29. Duxbury, A.C., Duxbury, A.B., and Sverdrup, K.A., *Teaching Marine Science: Text, Tools, and Techniques*, ASLO 2000 meeting, abstracts published as a supplement to: Eos, Trans. Amer. Geophys. Union, 80, no. 49, OS22S-03, 2000, **Invited**.
30. Cronin, Vincent S., and Sverdrup, Keith A., *Meeting the Challenge of Improving Earthquake Safety*, Geological Society of America, abstracts with program, 32, no. 7, p. A-121, 2000.
31. Cronin, Vincent S., and Sverdrup, Keith A., *Core Courses and Beyond: Thoughts on Academic Training of Engineering Geologists*, Geological Society of America, abstracts with program, 32, no. 7, p. A-518, 2000.

32. Arnot, Jennifer M., Ledger, Aron S., Perkins, Michelle L., Ruddock, Sean, Salentine, Brian J., Salentine, Scott J., Larsen, Herbert E., Cronin, Vincent S., and Sverdrup, Keith A., *Multiple-Event Relocation of Blanco Transform Fault Zone Earthquakes*, Eos. Trans. AGU, 82(47), Fall Meet. Suppl., Abstract T12C-0927, 2001.
33. Baxter, T.A., Boscov-Parfiott, S., Breitzmann, H.S., Schmitz, P.J., Shultis, A.I., Temme, T.W., Lahr, M.J., Sverdrup, K.A., and Cronin, V.S., *Detailed Gravity Profile Across the Waukesha Fault, SE Wisconsin*, Geological Society of America Abstracts with Programs, 34, no. 2, p. A-81, 2002.
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