

DONALD P. SCHWERT
Professor Emeritus of Geology
Department of Geosciences

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EDUCATION:

Ph.D. (Earth Sciences)

University of Waterloo (Canada), May, 1978

M.S. (Zoology)

SUNY College of Environmental Science & Forestry at
Syracuse University, May, 1975

B.S. (Biology/Chemistry)

Allegheny College, June, 1972

POSITIONS:

2015 -

Professor Emeritus of Geology

2011 - 2015

Chair, Department of Geosciences

2008 - 2012

Director, STEM Education PhD program, North Dakota
State University.

2008 - 2012

Director, College Teaching Certificate Program, North
Dakota State University.

2007

Acting Chair, Department of Geosciences

2005 - 2006

Interim Dean, College of Science & Mathematics, North
Dakota State University

2004 - 2014

Program Coordinator, North Dakota IDeA Network for
Biomedical Research Excellence (ND-INBRE) (an NIH
IDeA infrastructure initiative)

2001 - 2004

Core Director, Tribal College / Baccalaureate Science
Program, ND Biomedical Research Infrastructure
Network (ND-BRIN) (an NIH IDeA infrastructure
initiative)

2001 -

Associate Faculty, School of Education
North Dakota State University

2000 - 2013

Director, Center for Science & Mathematics Education,
North Dakota State University

1999 - 2005

Director, NDSU M.Ed. (Science Education) Program

1992 -

Professor, Department of Geosciences,
North Dakota State University

1986 - 1991

Associate Professor, Department of Geosciences,

1982 - 1986	North Dakota State University Assistant Professor, Department of Geology, North Dakota State University
1978 - 1982	Visiting Assistant Professor, Department of Geology, North Dakota State University
1978	Postdoctoral Fellow, Department of Earth Sciences, University of Waterloo

ADMINISTRATIVE WORKSHOPS:

2014	Safe Zone 3: Faculty support for LGBTQ students
2012	Safe Zone 2: Faculty support for LGBTQ students
2006	TOCAR: Training our Campuses Against Racism
2006	Safe Zone 1: Faculty support for LGBTQ students
2006	Council for Advancement & Support of Education (CASE), Development Workshop for Deans
1999	Institute for Management of Distance Education

OTHER ACADEMIC TRAINING:

1988	Univ. Nevada Reno: Volcanology and Mineral Deposits
1980 - 1981	N.S.F. Chautauqua Course: Remote Sensing
1973	Ohio State University: Acarology Institute

COURSES TAUGHT:

Physical geology, geomorphology, structural geology, environmental (engineering) geology, glacial geology, foundations of science, field courses in regional geology (Lake Superior, North Dakota, Black Hills, Colorado, Death Valley/Owens Valley, Utah, Washington/Idaho, Hawaii).

PROFESSIONAL AWARDS:

2014	“Excellence Award,” NDSU College of Science & Mathematics Ambassadors
2012	“Education Award,” Fargo-Moorhead River Keepers.
2008	“Impact Award,” NDSU FORWARD (Focus on Resources for Women's Advancement, Recruitment/Retention and Development) Committee (shared among FORWARD committee members).
2007	“Fargo-Moorhead Chamber of Commerce Distinguished Professor Award”
2006	“Golden Key Honour Society”, (the faculty recipient for 2006), NDSU chapter.
2005	“Faculty Lectureship Award,” (university-wide), NDSU.
2001	“Peltier Award for Innovation in Teaching,” (university-wide), NDSU.
1998	“Distinguished Service Award” (head coordinator of Fargo Flood emergency web site project; shared), NDSU College of Science and Mathematics.
1998	“Education Award” (head coordinator of Fargo Flood emergency web site project; shared); Fargo-Moorhead River-Keepers.
1997	“Outstanding Teacher Award,” NDSU College of Science and Mathematics.
1992	“Odney Award for Excellence in Teaching,” (university-wide), NDSU
1991	“Friend of Science Education Award,” North Dakota Science Teachers Association.

- 1989 “Sigma Xi Award for Outstanding Research” (shared with A.C. Ashworth).
- 1986 “Outstanding Paper of the Year – 1985,” Coleopterists Bulletin. (co-authored with A.C. Ashworth).
- 1978 “W.B. Pearson Medal” (for the “outstanding thesis in the sciences,” University of Waterloo).

PUBLIC SERVICE:

- Frequent talks on aspects of regional geology and accompanying land use issues to K-12 schools, community service organizations, and government agencies.
- Numerous interviews with regional media (radio, television, newspaper, etc.).
- Network media involvement (currently includes appearances on Discovery Channel [*“Flood of the Century”*], the Weather Channel [*“Storm Stories”*], and PPTV [*“A River Divide”*]).
- Extensive work with national and international news media during the 1997 and 2009 Red River flood (interviews with and background information for NBC News, NPR, Reuters, Associated Press, Canadian Broadcasting Company, USA Today, Boston Globe, others).
- Other work with news media, including routine interviews on geologic landscapes
- Workshops and question/answer sessions for on-campus visitors (rock/fossil identification, etc.)
- Judging and administrative service for regional and statewide science and mathematics events and competitions.
- Site analyses involving hazardous geologic conditions (as service, without request of compensation, to homeowners, government agencies, etc., seeking mitigation of problematic issues).
- Development and maintenance of several comprehensive internet sites for geo-education and geologic outreach.
- Public source and contact for information on regional geology and geologic history.

WORLDWIDE WEB (WWW) ACTIVITIES:

Public Outreach:

- Fargo Geology Web Site (www.ndsu.edu/fargo_geology). Webmaster. Coordination, content, and design for a comprehensive urban geology web site. 2000 -
- 3D North Dakota (www.ndsu.edu/nd_geology/anaglyph/3D_ND.htm). Anaglyph maps and images of North Dakota, with explanatory texts. 1998 -
- Fargo Flood Web Site (www.ndsu.edu/fargoflood). Webmaster. Coordination and design of the primary public flood information web site for the Fargo-Moorhead region. 1997 -
- Geology in North Dakota (www.ndsu.edu/nd_geology). The primary www source for information on the geology and hydrogeology of North Dakota. 1996 -
- Stockwood Fill (www.ndsu.edu/nd_geology/stockwood). A photo-essay on the engineering problems associated with the construction of the railroad grade east of Glyndon, Minnesota. 1996 -

COMMITTEE SERVICE

National Science Foundation:

- ADVANCE Site Visit Team, March, 2015

ADVANCE Catalyst Panel, January, 2014
ADVANCE Site Visit Team, April, 2013
ADVANCE IT Panel, January, 2012
REU Review Panel (Civil Engineering), November, 2005
REU Review Panel (Civil Engineering), November, 2004

State and Municipal:

N.D. Science Olympiad State Co-Director: 2000-07
Cass County, North Dakota, River Bank Stability Task Force: 2005-06
North Dakota/Minnesota Science Teachers Association Joint Meeting Board: 2004-05
N.D. University System College Prep Curriculum Review: 2001-02
N.D. Governor's Task Force on Global Change: 1990-91
N.D. Governor's Task Force on the N.D. Geological Survey: 1988-89

University:

North Dakota Governor's School Advisory Board: 2010-13
Enrollment Task Force: 2007-08
Information Technology Council: 2006-08
Director, Office of Equity and Diversity Search: 2006-07
NDSU NSF GraSUS Leadership Team: 2001-13
Peer Review of Teaching: 2008 –
Faculty Mentor: 1998 –
World Wide Web Instructional Committee: 1996 –
Commencement Marshall: 1998 –
Academic Standards: 1998-2000; 2005-06
University Promotion, Tenure, & Evaluation Committee: 2005
Laboratory & Chemical Safety: 2005-06
Goldwater Scholarship Committee: 2005-06 (Chair)
Accenture Scholarship: 2001
Teacher Education Council: 2000-01
Senate Special Committee on Technology-Enhanced Learning: 1998-99 (Chair)
Senate Technology-Enhanced Learning: 1999-2001
NDSU NSF CoMSTeP Leadership Team: 1998-2003
Academic Integrity: 1992 - 95 (Chair, 1994-95)
University Senate Special Committee on Technology-Enhance Learning: 1998-99 (Chair)
Information Technology Roundtable: 1996-2001
University Y2K Committee: 1998-2000
ITR Technology Visioning: 2000-01
ITR Working on the Web Subcommittee: 1996-97
ITR Distance Education Subcommittee: 1997-99
Inaugural Celebration Committee: 1995-96
Faculty Development Committee: 1995-96
Odney Excellence in Teaching Award: 1992-98 (Chair, 1994-95)
Faculty Lectureship Award: 1984-86

University Senate: 1983-86
Senate Special Review: 1994 (Chair)
Soil Science Graduate Program Review: 1991-92, 1995
Cellular and Molecular Biology Graduate Program Review: 1993-94
Library Search: 1993
Computer Planning and Goals: 1989-93
Public Events and University Relations: 1983-86

College:

STEM PhD Search: 2007-08 (Chair)
Nominations and Awards: 2004-05
Student Progress: 1978-2005 (Chair, 1995-2000)
Promotion, Tenure, and Evaluation: 1993-95 (Chair, 1994-95); 2000-02
Deanship Search Committee: 1998-99; 1999-2000; 2001-02
Dean's Review: 1994-95; 2009-10
Dean ' s Advisory Board: 1998-2001
Facilities and Instruments: 1982-84
Stevens Hall Honors Day: 1984-94

Department / Other:

North Dakota State Science Fair Local Committee: 2000-01, 2003-04
Upper Midwest Aerospace Consortium (UMAC) EdPARC State Coordinator: 1999-2002
Minnesota State University-Moorhead Regional Science Center Advisory Board: 1988-92
Northland Educators Federal Credit Union Board: 1988-94
North Dakota EPSCoR ROA Review: 1994
College of Business Outstanding Teaching Award Committee: 1995-96
Acting Chair: March-August, 1988; November-January, 1995-96; January-July, 2007.
Geography Search: 1991 (Chair), 1999-2000, 2000-01, 2003-04
Geology Search: 1993, 2002-03, 2007-08

RESEARCH INTERESTS:

Quaternary insect fossils and their application to systematics, paleoecology, climate change, and biogeographic history of North American insects; Quaternary stratigraphy and paleontology of midcontinental North America; development and assessment of virtual worlds for earth science education; land use issues in the Red River Valley associated with geomorphologic and geotechnical conditions; human settlement and land use in American Samoa.

GRADUATE STUDENT SUPERVISION:

Major advisor:

Alderman (M.Ed., Science Education, defended 8/16/00)
Antonelli (M.Ed., Science Education, defended 7/19/01)
Fauske (major advisor upon death of E. Balsbaugh) (Ph.D., Entomology, defended)
Forness (M.Ed., Science Education, defended 8/15/00)
Gardner (M.S., General Science, defended 5/24/01)

Gentry (M.Ed., Science Education, defended 11/1/04)
Healey (M.Ed., Science Education, defended 12/16/03)
Hope (M.Ed., Science Education, defended 3/23/06)
Klaman (M.Ed., Science Education, current)
Nelson (M.Ed., Science Education, defended 7/9/01)
Olson (M.Ed., Science Education, defended 7/18/01)
Rieder (M.Ed., Science Education, defended 7/700)
Tank (M.Ed., Science Education, defended 9/22/03)
Tastad (M.Ed., Science Education, defended 7/17/03)
Trumbauer (M.Ed., Science Education, defended 7/17/00)

Graduate Committee Membership:

Aakre (M.S., Anthropology, defended 4/17/14)
Arndt (Ph.D., Soil Science, defended)
Antonelli (M.Ed., Science Education, defended)
Baddam, Shireesha (M.S., Computer Science, defended 12/8/06)
Bagzahli (M.S., Mathematics, defended 7/25/01)
Borchert (M.S., Computer Science, defended 3/10/08)
Borge (M.S., Natural Resources Management, defended)
Christianson (M. Ed., Science Education, defended 4/15/99)
Cong (Ph.D., Zoology, defended)
Cudworth (M.S., Soil Science, defended)
Coyle (M.Ed., Science Education, defended 7/16/99)
Cuthrell (M.S., Entomology, defended)
Duffy (M.Ed., Science Education, defended 8/5/06)
DuRand (M.Ed., Science Education, defended 12/15/06)
Eldredge-Sandbo (M.Ed., Science Education, defended 8/16/01)
Erickson (Ph.D., Mathematics, defended 3/3/11)
Foulkes (M.Ed., Science Education, defended 7/28/08)
Gauthier (M.S., Chemistry, defended)
Gelin (Ph.D., Plant Sciences, defended 12/4/02)
Grier (M.S., Soil Science, defended 4/28/00)
Harris (M.Ed., Science Education defended 7/14/00)
Hart (M.S., Zoology, defended)
Haugrud (M.S., Computer Science, defended 8/21/97)
Henderson (M.S., Soil Science, defended 11/91)
Herrera (M.S., Soil Science, defended)
Hertel (M.Ed., Science Education, defended 7/19/99)
Hoard (Ph.D., Entomology, defended)
Hokanson (M.S., Computer Science, defended 11/24/2010)
Inyang (M.S., Civil Engineering, defended)
Jacobson (M.Ed., Science Education, defended 7/13/99)
Jenkins (M.S., Environmental & Conservation Sciences; defended 4/4/11)
Jundt (M.S., Zoology defended 2/25/00)

Keller (M.Ed., Science Education, defended 7/18/00)
 Krasheninnik, Nadejda (Ph.D., Plant Sciences, defended 8/19/05)
 Marty (M.Ed., Science Education, defended 7/9/01)
 Motu (M.S., Soc./Anth, current)
 Nakamura (M.S., ECS, defended 4/6/09)
 Nelson (M.Ed., Science Education, defended)
 Quintus (M.S., Archaeology, defended 3/4/2011)
 Rahman (M.S., Computer Science, defended 8/20/04)
 Richardson (M.Ed., Educational Leadership, defended 12/8/00)
 Rock (M.S., ECS, defended 9/15/09)
 Rosenfield (Ph.D., Zoology, defended)
 Santos (M.S., ECS, defended 3/25/08)
 Scherbenske (M.Ed., Science Education, defended 8/5/06)
 Seelig (Ph.D., Soil Science, defended)
 Smith, Nathan (M.S., Soc./Anth., current)
 Soukup (Ph.D., Soil Science, defended)
 Spitzer-Tjelde (M.Ed, Science Education, 4/4/13)
 Stigaard (M.Ed., Counselor Education, defended)
 Tinerella (M.S., Entomology, defended 4/25/00)
 Toepke (M.Ed., Science Education, defended 7/6/00)
 Toepke-Peterson (Ph.D., Soil Science, defended 1/13/05)
 Vasepalli, Srikanth (M.S., Computer Science, defended 12/1/06)
 Wang (M.S., Computer Science, defended 2/25/99)
 Wiegum (M.Ed., Science Education, defended 8/5/06)
 Welke (M.Ed., Science Education, defended 4/17/03)
 Ye (Computer Sciences, defended 1/21/00)
 Zheng (Ph.D., ECS, defended 3/30/10)

GRANTS AWARDED / IN REVIEW:

- 2014 (*In review*). National Science Foundation. CNH-S agricultural field systems and social complexity in American Samoa: environmental constraints and opportunities. (co-PI). \$750,000. (Submitted November 18, 2014).
 2014 Halliburton Foundation. K-12 STEM Outreach Programs at NDSU. (co-PI). \$12,000. (September, 2014 to August, 2015).
 2013 NASA-EPSCoR. Using machine learning in earth sciences research to discern anthropogenic vs. natural landform features within remote sensing data set. (co-PI). \$30,000. (October 15, 2013 – September 30, 2014).
 2013 National Science Foundation BCS-1260909. Settlement system and landscape dynamics on Ofu Island in the First Millennium BC: an integrated archaeological and geomorphological study. (co-PI). \$145,163. (May 1, 2013 – April 30, 2015).
 2011 National Institutes of Health 2R44RR024779-02A1, Phase II: a multi-user virtual biology environment for discovery-oriented science education, subcontract from WoWiWe Instruction Co. (PI, NDSU subcontract). \$369,276. (March 1, 2011 – February 28, 2013).

- 2010 National Science Foundation IIP-0945807, SBIR Phase I: An environmental geology game for discovery-oriented science and mathematics education. Subcontract from WoWiWe Instruction Co. (PI, NDSU subcontract). \$49,526. (January 1 – June 30, 2010).
- 2009 North Dakota University System: North Dakota State University STEM Teacher Education Enhancement. Two years. (PI). \$250,000.
- 2009 National Science Foundation DUE-0934593: Pipeline for Excellent Rural Teachers (PERT) Project: a Planning Grant. (co-PI). \$75,000. (September 1, 2009 – August 31, 2010).
- 2009 National Science Foundation DUE-0833268, Robert Noyce Teacher Scholarship Program. (co-PI) \$743,516. (January 1, 2009 – December 31, 2013).
- 2009 National Institutes of Health, NCRR, North Dakota IDeA Network for Biomedical Research Excellence. PI, NDSU subcontract: \$2,692,122. (May 1, 2009 – April 30, 2013).
- 2008 National Science Foundation HRD-0811239, ADVANCE. NDSU FORWARD: Transforming a gendered institution. (Sr. Personnel). \$3,736,873. (September 1, 2008 – August 31, 2013).
- 2006 National Science Foundation GEO-0608082. Pilot project: research on serious games for geoscience education. (co-PI). \$149,984. (August 15, 2006 – August 14, 2008).
- 2005 National Institutes of Health (NIGMS) 5 R25 GM075319-02: North Dakota bridges to the baccalaureate (Co-Investigator). \$593,320. (\$209,875 NDSU subcontract, Schwert, PI), 3 years. (August 10, 2005 – July 31, 2008).
- 2005 North Dakota University System: North Dakota master science teacher project (ND-MSTEP). Supplement to Project #03/2. (PI). \$71,300. (Oct. 18, 2005 – July 31, 2007).
- 2005 National Science Foundation ESI-0454767: Instructional materials for teaching science through virtual environments (co-PI). \$727,282. 3 years. (March 2, 2005 – March 1, 2008).
- 2004 National Institutes of Health, NCRR, IDeA Network for Biomedical Research Excellence (INBRE): Health and the Environment. Grant #2 P20 RR016471-04, John Shabb, University of North Dakota, PI. Donald Schwert, Program Coordinator (statewide) and PI, NDSU subcontract of \$2,611,416. 5 years. (August 4, 2004 – April 30, 2009).
- 2004 National Science Foundation DGE-0338128: Graduate student-university-school collaborative for science, engineering, and technology. (co-PI). \$2,000,000. 5 years. (June 1, 2004 – May 31, 2009).
- 2004 National Science Foundation SBIR-STTR, DMI-0339377, WoWiWe Instruction Company, subcontract to NDSU. (co-PI). \$24,630. 6 months. (January 1 – June 30, 2004).
- 2002 North Dakota University System: North Dakota master science teacher project (ND-MSTEP). Project #03/2. (PI). \$219,552. 3 years. (Oct. 15, 2002 – June 30, 2006).
- 2001 National Institutes of Health Biomedical Infrastructure Network (BRIN) 1 P20 RR16471-01: Building biomedical research in North Dakota. John Shabb, PI. Donald Schwert, ND-BRIN Tribal College Baccalaureate Science Core Director, 25% effort (12-month basis). \$241,110. 3 years. (Sept. 1, 2001 – Aug. 31, 2004).
- 2001 North Dakota University System: North Dakota master science teacher project (ND-MSTEP) Project #02-3. (PI). \$48,893. 1 year.
- 2001 North Dakota University System: ND MSA new teacher support program. (co-PI). \$51,024. 1 year (Nov. 1, 2001 – June 30, 2003).

- 2001 U.S. Department of Education, Fund for the Improvement of Post-Secondary Education (FIPSE) P116B01-1528: A virtual world to train future earth scientists. (PI). \$270,203. 3 years. (Oct. 1, 2001 – Sept. 30, 2004).
- 2001 North Dakota State University Technology Action Plan: A technological means to facilitate active learning in the classroom. (co-PI). \$21,320. (May 14, 2001 – May 17, 2002).
- 2001 National Science Foundation DGE-0086445: Graduate student-university-school collaborative for science, engineering, and technology. (co-PI). \$971,555. 3 years. (March 1, 2001 – Feb. 28, 2004).
- 2000 North Dakota University System: ND master science teacher project (ND-MSTEP). (PI). \$28,357. 1 year.
- 2000 National Science Foundation EIA-0086142: Systems for learning science and assessing student learning. (co-PI). \$1,940,000. 5 years. (Sept. 1, 2000 - Aug. 31, 2005).
- 2000 National Science Foundation DUE-998104: New directions in virtual geoscience education. (co-PI). \$74,192. 2 years. (April 1, 2000 - Feb. 28, 2002).
- 2000 NASA/UND/Univ. Wyoming: A regional earth science applications center for the Northern Great Plains. (ND PI). \$33,000.
- 2000 NASA/UND/Univ. Wyoming: PARC services for K-12. (ND PI). \$5,000.
- 2000 NASA/UND/Univ. Wyoming: GIS training of North Dakota teachers. (ND PI). \$9,000.
- 2000 North Dakota University System: ND master science teacher project (ND-MSTEP). (PI). \$29,360
- 2000 North Dakota University System: Natural history of the Dakotas field course. (PI). \$19,495.
- 1999 National Science Foundation DUE-9876681: The NDSU collaborative for mathematics and science teacher preparation. (co-PI). \$604,905. (March 15, 1999 - March 14, 2002).
- 1999 ND-EPSCoR Phase 0 TRIC: Educational assessment of a computer game in the earth sciences. (PI). \$3,500.
- 1999 North Dakota Department of Public Instruction: Natural history of North Dakota field course. (PI). \$14,310.
- 1998 National Science Foundation EAR-9809761: Learning by doing physical geology in a virtual laboratory / virtual field trip computer environment. (co-PI). \$49,981. (Sept. 1998 - Aug. 1999).
- 1998 North Dakota Department of Public Instruction: prairie and forest transitions: a field course. (PI). \$14,944.
- 1998 National Science Foundation DUE-9752548: A shared developmental environment for science-based courseware. (co-PI). \$155,000. 2 years.
- 1997 North Dakota Department of Public Instruction: Natural history of the Dakotas field course. (PI). \$15,938.
- 1996 North Dakota Department of Public Instruction: Natural history of North Dakota field course. (PI). \$14,595.
- 1994 U.S. Environmental Protection Agency: Monitoring global change through insect response. (PI). \$40,000. 2 years.
- 1994 North Dakota Board of Higher Education: Prairie and forest environments: a field course. (PI). \$14,139.
- 1994 North Dakota Board of Higher Education: Natural history of the Dakotas field course. (PI). \$16,670.

- 1993 North Dakota Board of Higher Education: Natural history of North Dakota: a field course/workshop for science teachers. (PI). \$16,615.
- 1992 National Science Foundation (EPSCoR Program): Population change and genetic diversity. (co-PI). \$1,300,000. 2 years.
- 1992 National Science Foundation (EPSCoR Program): Genetic diversity of insects across gradients of time and space. (co-PI, with A.C. Ashworth). \$215,000. 2 years.
- 1991 North Dakota Board of Higher Education: Prairie and forest environments: a field course/workshop for science teachers. (PI). \$21,000.
- 1990 North Dakota Board of Higher Education: Natural history of the Dakotas: a course/workshop for science teachers. (PI). \$15,538.
- 1988 National Science Foundation ATM-8805791. Holocene paleoclimatology, paleoecology, and stream behavior in eastern Iowa: fossil insects. (PI). \$49,531. 2 years.
- 1987 Illinois State Museum. Processing and analysis of insect fossils from the Tonica Kettle Site. (PI). \$2,000.
- 1986-89 National Science Foundation (EPSCoR Program), Grant #RII-8610675. Transitional insect faunas associated with the last (late Wisconsinan) glaciation of the midcontinent. (PI). \$66,697. 2 years.
- 1986 North Dakota Board of Higher Education/ State Department of Public Instruction. Geology and natural history of the Dakotas: a course/workshop for science teachers. (PI). \$7741.
- 1984 National Science Foundation BSR-8400070. Paleocology and biostratigraphy of a buried Farmdalian (mid-Wisconsinan) bog in west-central Illinois. (PI). \$17,164. 2 years.
- 1981 National Science Foundation DEB-80-23952. Quaternary insect studies. (Co-PI). \$60,015. 2 years.

PUBLICATIONS:

Refereed

- Quintus, S., J.T. Clark, S.S. Day, and D.P. Schwert. *In press*. Landscape evolution and human settlement patterns on Ofu Island, Manu'a Group, American Samoa. *Asian Perspectives*.
- Quintus, S., J.T. Clark, S.S. Day, and D.P. Schwert. *In press*. Landscape evolution models and human settlement patterns on Ofu Island, Manu'a Group, American Samoa. *Journal of Island & Coastal Archaeology*.
- Quintus, S., J.T. Clark, S.S. Day, and D.P. Schwert. *In press*. Investigating regional patterning in archaeological remains by pairing extensive survey with a lidar dataset: the case of the Manu'a Group, American Samoa. *Journal of Archaeological Science: Reports*.
- Schwert, D.P. *In press*. Insect remains from the Tonica Depression. *in* R.E. Warren (ed.), *Prairie Archaeology, Volume 1. Illinois State Museum Scientific Papers*.
- Podoll, A., B. Olson, L.M. Montplaisir, D.P. Schwert, K. McVicar, D. Çömez, and W.O. Martin. 2008. Networking Antarctic research discoveries to a U.S. science classroom. *Science Scope*, 32(2):30-33.
- Brandt, L., O. Borchert, K. Addicott, R. Cosmano, J. Hawley, G. Hokanson, D. Reetz, B. Saini-Eidukat, D. Schwert, B. Slator, and S. Tomac. 2006. Roles, culture, and computer supported collaborative work on Planet Oit. *Journal of Advanced Technology for Learning*, 3(2):89-98.

- Daniels, L.M., McClean, P., Saini-Eidukat, B., Schwert, D.P., Slator, B.M., Terpstra, J., White, A.R., Addicott, K. 2005. Effects of Teaching Science through Immersive Virtual Environments. In *Web-Based Intelligent e-Learning Systems: Technologies and Applications*, Z. Ma, ed., Idea Group, Inc., Hershey, PA. Chapter XIV, pp. 271-290.
- Saini-Eidukat, B., D.P. Schwert, and B.M. Slator. 2002. Geology Explorer: virtual geologic mapping and interpretation. *Computers and Geosciences*. 28(10):1167-1176.
- Bajc, A.F., D.P. Schwert, B.G. Warner, and N.E. Williams. 2000. A reconstruction of Moorhead and Emerson Phase environments along the eastern margin of glacial Lake Agassiz, Rainy River basin, northwestern Ontario. *Canadian Journal of Earth Sciences*. 37(10):1335-1353.
- Reiss, R.A., A.C. Ashworth, and D.P. Schwert. 1999. Molecular genetic evidence for the post-Pleistocene divergence of populations of the arctic-alpine ground beetle *Amara alpina* (Paykull) (Coleoptera: Carabidae). *Journal of Biogeography*. 26:785-794.
- Slator, B.M., P. Juell, P.E. McClean, B. Saini-Eidukat, D.P. Schwert, A.R. White, C. Hill. 1999. Virtual environments for education. *Journal of Network and Computer Applications*. 22:161-174.
- Schwert, D.P., H.J. Torpen-Kreft, and E.R. Hajic. 1997. Characterization of the late-Wisconsin tundra/forest transition in midcontinental North America using assemblages of beetle fossils. pp. 237-243 in A.C. Ashworth, P.C. Buckland, and J.P. Sadler (eds.), *An Inordinate Fondness for Beetles*. John Wiley and Sons, New York.
- Baker, R.G., E.A. Bettis, III, D.P. Schwert, D.G. Horton, C.A. Chumbley, L.A. Gonzalez, and M.K. Reagan. 1996. Holocene paleoenvironments of northeast Iowa. *Ecological Monographs*, 66:203-214.
- Cong, S., A.C. Ashworth, D.P. Schwert, and S.M. Totten. 1996. Fossil beetle evidence for a short, interval near 40,000 yr B.P. at Titusville, Pennsylvania. *Quaternary Research*, 45:216-225
- Woodman, N., D.P. Schwert, T.J. Frest, and A.C. Ashworth. 1996. Paleocology of subarctic faunal assemblages from the Woodfordian age (Pleistocene: Wisconsinan) Elkader site, northeastern Iowa. *Occasional Papers of the University of Kansas Museum of Natural History*, 178:1-33.
- Schwert, D.P. 1996. Effect of Euro-American settlement on an insect fauna: a paleontological analysis of the recent chitin record of beetles (Coleoptera) from northeastern Iowa. *Annals of the Entomological Society of America*, 89(1):53-63.
- Reiss, R.A., D.P. Schwert, and A.C. Ashworth. 1995. Field preservation of Coleoptera for molecular genetic analyses. *Environmental Entomology*, 24(3):716-719.
- Baker, R.G., D.P. Schwert, E.A. Bettis, III, and C.A. Chumbley. 1993. Impact of Euroamerican settlement on a riparian landscape in northeast Iowa, midwestern USA: an integrated approach based on historical evidence, floodplain sediments, fossil pollen, plant macrofossils, and insects. *The Holocene*, 3:314-323.
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- Baker, R.G., R.S. Rhodes, D.P. Schwert, T.J. Frest, and A.C. Ashworth. 1982. A full-glacial biota from Iowa, midwestern U.S.A. International Quaternary Association, Moscow, U.S.S.R.
- Schwert, D.P. and A.C. Ashworth. 1982. Origins of the northern beetle fauna: fossil and distributional evidence. Invited paper, Entomological Society of America/Entomological Society of Canada joint meeting, Toronto. (No abstract).
- Schwert, D.P. and A.C. Ashworth. 1981. Late Quaternary insect assemblages associated with the Des Moines Lobe. I, II. North Dakota Academy of Sciences Annual Meeting, Dickinson.
- Schwert, D.P., A.C. Ashworth, and R.G. Baker. 1981. An arctic insect assemblage from the late Wisconsinan of midcontinental North America. Geological Society of America Annual Meeting, Cincinnati.
- Schwert, D.P. and A.C. Ashworth. 1980. Insect fossils and a late Wisconsinan successional model. Geological Society of America Annual Meeting, Atlanta.
- Schwert, D.P. 1979. Active and passive dispersal of lumbricid earthworms. International Colloquium on Soil Zoology, Syracuse.
- Schwert, D.P. 1978. A late Wisconsinan fossil insect assemblage from northwestern New York. Geological Society of America North-Central Meetings, Ann Arbor.
- Schwert, D.P. 1978. Paleontological aspects of terrestrial microcommunities. 6th Soil Microcommunities Conference, Syracuse.
- Schwert, D.P. 1977. Paleontological analyses of two post-Wisconsinan sites in eastern North America. Eastern Canada Paleontology and Biostratigraphy Seminar, Waterloo, Ontario.
- Dindal, D.L., D.P. Schwert, J.-P. Moreau, and L. Theoret. 1976. Earthworm communities and soil nutrient levels as affected by municipal wastewater irrigation. VI International Colloquium on Soil Zoology, Stockholm.
- Dindal, D.L., D.P. Schwert, and R.A. Norton. 1974. Effects of sewage effluent disposal on community structure of soil invertebrates. V Colloquium Pedobiologiae, Prague.

OTHER PROFESSIONAL PRESENTATIONS:

- 2014 Annual Meeting Keynote Address, North Dakota Academy of Sciences
- 2013 F-M Communiversity, presenter
- 2011 F-M Communiversity, presenter
- 2005 Annual Meeting Address, ND Association of Professional Surveyors
- 2002 Annual Meeting Address, North Dakota Academy of Sciences

- 1999 Annual Meeting Address, Midwest Society of Geotechnical Engineers
- 1999 F-M Communiversity, presenter
- 1995 F-M Communiversity, presenter
- 1994 General Session Address, Iowa Academy of Science, Davenport
- 1993 Distinguished Research Scientist Lecture, Manitoba Entomological Society, Winnipeg
- 1992 Annual Meeting Address, Coleopterists Society, Entomological Society of America, Reno.
- 1990 Annual Meeting Address, Midwest Friends of the Pleistocene Field Conference, Council Bluffs