

Resume (Curriculum Vitae (CV) Begins Below on Page Three)

Philip Paul Reeder

Revised 12/2023

PRESENT ADDRESS:

Center for Environmental Research and Education, School of Science and Engineering, Duquesne University, 600 Forbes Avenue, Pittsburgh PA 15282

EDUCATION:

UNIVERSITY OF WISCONSIN-MILWAUKEE: Ph.D. in Geography, 1992

Dissertation: Groundwater Contaminant Pathways in a Fractured Dolostone-Clastic Aquifer: Richland County, WI

WESTERN KENTUCKY UNIVERSITY: M.S. in Geoscience, 1988

Thesis: The Use of Down-Hole Video to Evaluate Parameters Affecting the Removal of Stormwater Runoff into a Karst Aquifer in Bowling Green, Kentucky

FROSTBURG STATE UNIVERSITY, B.S. in Earth Science, 1983

PROFESSIONAL EXPERIENCE:

DUQUESNE UNIVERSITY, BAYER SCHOOL OF NATURAL AND ENVIRONMENTAL SCIENCES,

Pittsburgh, PA. Dean - July 2013 to June 30, 2021, Professor – July 1, 2021 to Present. As Dean: Chief academic and administrative officer for the Bayer School, which houses the Departments of Physics, Biology, Chemistry and Biochemistry; programs in Environmental Science, Forensic Science and Law, and Biotechnology; and the Cyril Wecht Institute of Forensic Science and Law. The Bayer School has seven undergraduate degree programs, five Master's Programs, and two doctoral programs. As a Professor (now in the school of Science and Engineering): Director of the newly created Center for Urban Resiliency and a faculty member in the Center for Environmental Research and Education teaching courses in water resources; earth system science; and the environment.

UNIVERSITY OF SOUTH FLORIDA, DEPARTMENT OF GEOGRAPHY, ENVIRONMENT, AND PLANNING, ENVIRONMENTAL SCIENCE AND POLICY DIVISION, Tampa, Florida (August 2003 to June 2013), Tenured Senior-Level Associate Professor, teaching graduate and undergraduate courses including Introduction to Physical Geography, Process Geomorphology, Soils Geography, Hydrology, Water Resources, Research Methods, Doctoral Dissertation Preparation, and Caves and Karst. I also held numerous administrative positions in the Division including Division Director and Graduate Programs Director.

UNIVERSITY OF WISCONSIN-LA CROSSE, DEPARTMENT OF GEOGRAPHY AND EARTH SCIENCE, La Crosse, Wisconsin (August 2002 to May 2003), Associate Professor of Geography teaching the courses Introduction to Earth Science (ESC 101), Soil Genesis and Morphology (GEO 426), and ESC/GEO 222 Landforms: Process and Regions.

UNIVERSITY OF NEBRASKA AT OMAHA, DEPARTMENT OF GEOGRAPHY AND GEOLOGY, Omaha, Nebraska, (August 1994 to May 2002), Tenured (granted in August 1999) Associate Professor of Geography, and Geography Graduate and Undergraduate Program Chair, teaching courses in Introductory Physical Geography, upper level and graduate courses in Water Resources, Soils, Geoarchaeology, and Caves and Karst. Geography Graduate Program Chair (From August 1998 to May 2002) and Geography Undergraduate Program Director (From August 2001 to May 2002).

VALDOSTA STATE UNIVERSITY, DEPARTMENT OF PHYSICS, ASTRONOMY AND GEOLOGY, Valdosta, Georgia, (August 1992 to June 1994), Assistant Professor of Geography, taught 15 hours per quarter in introductory Physical Geography, Physical Geology, and upper level courses in the Physiography of North America, and Weather and Climate.

SELECTED PUBLICATIONS AND GRANTS:

Philip Reeder (editor), 2023, Richard Freund's Legacy of Ideas, Research, and Teaching about the Holocaust. Cambridge Scholars Publishing. UK. 421p.

Philip Reeder, 2023, Preface, Acknowledgements and Introduction, Richard Freund's Legacy of Ideas, Research and Teaching About the Holocaust, Cambridge Scholars Publishing, UK, pp. xxvii-xl.

Philip Reeder, 2023, Research at Holocaust Sites – 2009-2021(Chapter 1), Richard Freund's Legacy of Ideas, Research and Teaching About the Holocaust, Cambridge Scholars Publishing, UK, pp. 1-34.

Philip Reeder, 2023, Mapping the Holocaust: Examples from Sobibor (Chapter 7), Richard Freund's Legacy of Ideas, Research and Teaching About the Holocaust, Cambridge Scholars Publishing, UK, pp. 154-194.

Reeder, Philip., Jol, H., Freund, R., McClymont, A., Bauman, P., and Šmigelskas, R., Investigations at the Heereskraftfahrpark (HKP) 562 Forced-Labor Camp in Vilnius, Lithuania. *Heritage* 2023, 6, 466–482. (Impact factor = 1.95 in 2023)

Connor Jol, Harry M. Jol, Mikaela Martinez Dettinger, Kayla Singleton, Richard A. Freund, **Philip Reeder**, Colin Miazga, Paul Bauman, Patrick Wiley, Ilya Lensky, Karen Frostig, 2022, Subsurface Imaging of a Holocaust Mass Burial Site: Jungfernhof Concentration Camp, Riga, Latvia. *Proceedings 19th International Conf. on Ground Penetrating Radar*, Colorado School of Mines, Golden, Colorado, June 12-17, 2022.

Abigail Fischer, Harry M. Jol, Grace Uchtyi, Noah Hall, Richard Freund, Paul Bauman, Alastair McClymont, Colin Miazga, **Philip Reeder**, Jacek Konik, Joe Beck, Connor Jol, Kayla Singleton, Mikaela Martinez Dettinger, Searching for The Ringleblum Archives: Documentation of Life During the Holocaust-A Ground Penetrating Radar Investigation of Krasinskich Park, Warsaw, Poland. *Proceedings 19th International Conf. on Ground Penetrating Radar*, Colorado School of Mines, Golden, Colorado, June 12-17, 2022.

Grace Uchtyl, Harry M. Jol, Abigail Fischer, Noah Hall, Richard Freund, Paul Bauman, Alastair McClymont, Colin Miazga, **Philip Reeder**, Jacek Konik, Joe Beck, Connor Jol, Kayla Singleton, Mikayla Martinez Dettinger, Archaeological GPR investigation of the Bersohn and Bauman Jewish Children's Hospital in Warsaw, Poland: Locating potential Holocaust artifacts. *Proceedings of the 19th International Conference on Ground Penetrating Radar*, Colorado School of Mines, Golden, Colorado, June 12-17, 2022.

Noah Hall, Harry M. Jol, Abigail Fischer, Grace Uchtyl, Richard Freund, Paul Bauman, Alastair McClymont, Colin Miazga, **Philip Reeder**, Jacek Konik, Joe Beck, Connor Jol, Kayla Singleton, Mikayla Martinez Dettinger, Holocaust Archaeology: GPR Subsurface Imaging of the Mila 18 Memorial in Warsaw, Poland. *Proceedings of the 19th International Conference on Ground Penetrating Radar*, Colorado School of Mines, Golden, Colorado, June 12-17, 2022.

McClymont, A., Bauman, P., Bensimen, K., Freund, R., Jol, H., **Reeder, P.** and Seligman, J., 2021, Preserving Holocaust History: Geophysical Investigations at the Ponary Extermination Site. *Geophysics*. Vol. 87, No. 1, pp. 15-12. (Impact Factor = 2.79 in 2020)

Seligman, J., Bauman, P., Freund, R., Jol, H., McClymont, A., and **Reeder, P.**, 2020, Mapping Ponar (Paneriai): A Reassessment, Human Remains and Violence, Volume 6, No. 1 (2020), pp. 15–39. (No Impact Factor Available)

Philip Reeder, Harry M. Jol, Paul Bauman, Maha Darawsha, Vanessa Workman, Shalom Yanklevitz, Richard Freund and Carl Savage. 2019, From Bethsaida to Yavne and Beyond. A Festschrift in Honor of Rami Arav: "And They Came to Bethsaida..." Edited by Fred Strickert and Richard Freund. Cambridge Scholars Publishing, UK. pp. 315-335.

Dead Sea: New Discoveries in the Cave of Letters. 2018, Edited by Savage, C., **Reeder, P.**, Jol, H. and Freund, R., Peter Lange Publishing, New York. 295p.

Reeder, P., 2018, Mapping the Cave of Letters, Israel. Part of the Book, Dead Sea: New Discoveries in the Cave of Letters. Edited by Savage, C., Reeder, P., Jol, H. and Freund, R., Peter Lange Publishing, New York. pp. 69-88.

Reeder, P., 2018, Micro-Climatic Studies in the Cave of Letters, Israel. Part of the Book, Dead Sea: New Discoveries in the Cave of Letters. Edited by Savage, C., Reeder, P., Jol, H. and Freund, R., Peter Lange Publishing, New York. pp. 119-139.

GRANTS:

Philip Reeder, 2023, Holocaust-Related Research in Liepaja, Latvia. The Uniting Foundation (Riga, Latvia). 4,000 Euros.

Philip Reeder, 2022, Using Geophysics and Spatial Analysis to Assess Holocaust Sites in Eastern Europe. The Charles Henry Leach Fund for Duquesne University. \$18,000.

Philip Reeder, Co-Investigator with Gyles Iannone, 2011-2013, Socio-Environmental Dynamics in the North Vaca Plateau, Belize: A Long-Term Perspective (Phase III, Part II). Alphawood Foundation. \$216,000.00.

Philip Reeder, Co-Investigator with Gyles Iannone, 2009-2011, Socio-Environmental Dynamics in the North Vaca Plateau, Belize: A Long-Term Perspective. Alphawood Foundation. \$343,178.00.

CURRICULUM VITAE
Philip Paul Reeder

Revised 08/2023

PRESENT ADDRESS:

Professor and Former Dean (July 1, 2013 to June 30, 2021)
Bayer School of Natural and Environmental Sciences
Duquesne University
Pittsburgh PA 15282
Email – reederp@duq.edu
Phone – 412-396-1330 (O) 412-359-9378 (C)

EDUCATION:

UNIVERSITY OF WISCONSIN-MILWAUKEE: PhD. in Geography, 1992
Dissertation: Groundwater Contaminant Pathways in a Fractured Dolostone-
Clastic Aquifer: Richland County, Wisconsin

WESTERN KENTUCKY UNIVERSITY: M.S. in Geoscience, 1988
Thesis: The Use of Down-Hole Video to Evaluate Parameters Affecting
the Removal of Stormwater Runoff into a Karst Aquifer in
Bowling Green, Kentucky

FROSTBURG STATE UNIVERSITY, B.S. in General Science-Geography, 1983

PROFESSIONAL EXPERIENCE:

DUQUESNE UNIVERSITY, BAYER SCHOOL OF NATURAL AND ENVIRONMENTAL SCIENCES, Pittsburgh, PA. Dean - July 2013 to June 30, 2021, Professor – July 1, 2021 to Present. **As Dean:** Chief academic and administrative officer for the Bayer School, which houses the Departments of Physics, Biology, Chemistry and Biochemistry; programs in Environmental Science, Forensic Science and Law, and Biotechnology; and the Cyril Wecht Institute of Forensic Science and Law. The Bayer School has seven undergraduate degree programs (Biochemistry, Biological Sciences, Chemistry, Environmental Chemistry, Environmental Science, Forensic Science and Law, and Physics), two graduate certificate programs (Environmental Management and Environmental Science), five Master's Programs (Biological Sciences, Biotechnology, Chemistry, Environmental Science and Management, and Forensic Science and Law) and two doctoral programs (Biology and Chemistry and Biochemistry). **As a Professor:** Director of the newly created Center for Urban Resiliency and a faculty member in the Center for Environmental Research and Education teaching courses in water resources; soil genesis, morphology and classification; wetland environments; and environmental research design.

DUQUESNE UNIVERSITY RESPONSIBILITIES & ACCOMPLISHMENTS

- **Budget Management.** Manage all aspects of the \$9.2 million-dollar Bayer School budget.
- **Grant Funding.** Facilitate submission of faculty grant proposals (mostly to federal agencies). In 2019-2020, Bayer School faculty received the most grant funding in the university (28% and 27% respectively). From 2016-2020, 394 grant proposals were submitted (79 per year avg), with a total request for funding over \$100 million dollars (\$20 million- dollars/ year avg), and over \$10.2 million dollars were received (\$2 million dollars/year avg). Forty three percent of proposals submitted during this period were funded, and during the 2019-2020 cycle, 147 proposals were submitted, and 64 were funded for over \$5 million dollars.

- **Capital Plans.** Planning and execution of maintenance and renovation schedules on a five-year cycle (FY2018 to 2022) in the amount of \$6.2 million dollars for 14 renovations.
- **University Strategic Planning and Accreditation.** I was a member of the 2018-2023 University Strategic Planning Committee, and the 2018 Duquesne University Middle States Accreditation Committee.
- **Fundraising.** In association with the University Office of Advancement, fundraising focused on companies/industry, alumni, foundations, and other agencies, that provide funds via grants, awards and gifts. Donors include Bayer Materials Science (now called Covestro) which endowed the school and has provided scholarships and internships, PPG Industries, and numerous foundations and private donors which helped establish scholarships and a visiting scholar program. To date I have raised over \$5 million-dollars as part of these initiatives.
- **Enrollment.** I possess a proven record of increasing enrollment. In the past six years (prior to COVID19) freshman applications and transfers into the Bayer School increased by just over 27%, and between 2012 (the year prior to me becoming Dean) and 2020 (the last year per- COVID 19 data is available), enrollment increased by 11.5%. Additionally, the university and Bayer School freshman retention rate is consistently near 90%.
- **Undergraduate Research.** Since summer 2013, I have organized, found funding for, and executed the most successful summer Undergraduate Research Program (URP) in the region. The 2019 program was the most successful in the programs 22-year history (2020 and 2021 programs limited because of COVID19). Highlights from 2019 include: (1) the most on campus 10-week participants ever at 109 students, (2) 152 presenters at the symposium that closes the program, (3) 49 colleges and universities represented at the symposium, and 432 different authors for the oral presentations and posters presented at the symposium.
- **Program Development.** Program expansion and diversification of revenue streams include the creation and implementation of a Chemistry and Biochemistry 4 + 1 (combined undergraduate and masters) program, and the creation of a BA in Sustainability Studies, a BS in Sustainability Science (both still in the approval process), a professional masters in Physics (starting in fall 2022), and a 3 + 2 program in science and public health (in cooperation with the University of Pittsburgh – started in fall 2021).
- **Community Engaged Learning.** We continue to increase experiential and community engaged learning opportunities, with the list of community partners now exceeding 40 and continually growing. Additionally, we have received funding in this area from the Howmet Aerospace Foundation and the PPG Foundation to initiate summer programs in STEM education and community engaged learning.
- **Study Abroad.** We are continuing to grow study abroad opportunities, and the related experiential learning and recruiting potential, building upon successful experiences in Tanzania in summer 2018, and Belize in summer 2019. Both Belize and Tanzania were canceled for Summers 2020 and 2021 because of COVID19, and planning for Belize and Tanzania 2022 is already underway.
- **Curriculum Development.** I served as the Chair of the Undergraduate Core Curriculum committee wherein a plan was developed and implemented for a major reorganization of the Core Curriculum (a new CORE curriculum was approved in spring 2020 and is being phased in beginning in fall 2021). I also led the program development initiatives presented above.
- **Leadership and Professional Development.** I am further enhancing my leadership portfolio by serving as a Board Member for the Duquesne University Honors College, and the University Division of Mission and Identity. External to the university I am on the Board of Directors for the National Scenic Visitors Center Earth Walk Project, and am on the Board of Trustees for the Phipps Conservatory and Botanical Gardens.
- **Personnel Management and Supervision.** I oversee all personnel matters involving the 150+ Bayer School academic employees (53 full-time faculty, 32 Administrative and Technical Staff, 67 Graduate and Research Assistants).

- **Assessment of Academic Programs.** I facilitated and supervised the external reviews of departments and their degree programs, and accreditation for accredited programs in the Bayer School.
- **Assessment of Personnel.** Yearly Bayer School faculty and staff performance assessments are completed and Chairs and Directors are assessed every three years as related to possible reappointment.

UNIVERSITY OF SOUTH FLORIDA, DEPARTMENT OF GEOGRAPHY, ENVIRONMENT, AND PLANNING, ENVIRONMENTAL SCIENCE AND POLICY DIVISION, Tampa, Florida (August 2003 to June 2013), Tenured Senior-Level Associate Professor, teaching graduate and undergraduate courses including Introduction to Physical Geography, Process Geomorphology, Soils Geography, Hydrology, Water Resources, Research Methods, Doctoral Dissertation Preparation, and Caves and Karst. I also held numerous administrative positions in the Division, including Director, from 2006 to 2013.

USF RESPONSIBILITIES AND ACCOMPLISHMENTS

- **Administrative Positions.** Chair of the Environmental Science and Policy Division (August 2006 to June 2013); Director of the Environmental Policy and Management Graduate Certificate Program (August 2006 to June 2013); Director of the Geography Master of Arts Program (August 2004 to August 2007); Director, Environmental Science and Policy Master of Science Program (August 2006 to August 2007); Director of the Geography and Environmental Science and Policy Doctoral Program (October 2004 to August 2007).
- **Governance and Strategic Planning.** I chaired the Department of Geography, Environment, and Planning Strategic Planning Committee and created the Department's Governance document and strategic plan.
- **Service and Professional Development.** I was the chair of the Council for Educational Policy and Issues (a university-wide Faculty Senate Committee) from 2004-2007, as well as a member of the Faculty Senate and Faculty Senate Executive Committee during that period. I was also a member of the Advisory Board for the School of Global Sustainability and a Research Affiliate in the Office of Sustainability from 2009-2012, and a member of the Florida University System Board of Governors Committee for Common Prerequisites.

UNIVERSITY OF WISCONSIN-LA CROSSE, DEPARTMENT OF GEOGRAPHY AND EARTH SCIENCE, La Crosse, Wisconsin (August 2002 to May 2003), Associate Professor of Geography teaching the courses Introduction to Earth Science (ESC 101), Soil Genesis and Morphology (GEO 426), and ESC/GEO 222 Landforms: Process and Regions.

UNIVERSITY OF NEBRASKA AT OMAHA, DEPARTMENT OF GEOGRAPHY AND GEOLOGY, Omaha, Nebraska, (August 1994 to May 2002), Tenured (granted in August 1999) Associate Professor of Geography, and Geography Graduate and Undergraduate Program Chair, teaching courses in Introductory Physical Geography, upper level and graduate courses in Water Resources, Soils, Geoarchaeology, and Caves and Karst. Geography Graduate Program Chair (From August 1998 to May 2002) and Geography Undergraduate Program Director (From August 2001 to May 2002).

THE UNIVERSITY OF WAIKATO, DEPARTMENT OF GEOGRAPHY, Hamilton, New Zealand, (April 1996 to August 1996), Visiting Professor, taught a portion of the course The Human Geography of Natural Hazards, presented a lecture in the department seminar series, presented a guest lecture in the course Environmental Impact Assessment, and an invited presentation to the Geographical Society of New Zealand-Waikato Chapter.

VALDOSTA STATE UNIVERSITY, DEPARTMENT OF PHYSICS, ASTRONOMY AND GEOLOGY, Valdosta, Georgia, (August 1992 to June 1994), Assistant Professor of Geography, taught 15 hours per quarter in introductory Physical Geography, Physical Geology, and upper level courses in the Physiography of North America, and Weather and Climate. I authored the proposal for a major in Environmental Geography which was approved by the University of Georgia System and remains a very successful degree program 25+ years later.

OTHER ADMINISTRATIVE POSITIONS:

- 2001-2002 Chair, Geography Undergraduate Program, Department of Geography and Geology, University of Nebraska at Omaha.
- 2001-2002 Associate Chair, Department of Geography and Geology, University of Nebraska at Omaha.
- 1998-2002 Chair, Geography Master of Arts Program, Department of Geography and Geology, University of Nebraska at Omaha.

OFFICES HELD:

- 2000-2001 Chairperson of the Great Plains/Rocky Mountain Div. of the Assoc. of American Geographers.
- 1999-2000 Vice Chair, Great Plains/Rocky Mountain Div., Assoc. of American Geographers.

BOARD MEMBERSHIPS:

- 2017-Present Phipps Conservatory and Botanical Gardens. Board of Trustees Member, and a former member of the boards Development Committee, and a current member of the Audit Committee. Pittsburgh, Pennsylvania.
- 2018-Present National Scenic Visitors Center / Earthwalk USA. Board of Directors. Zionsville, Pennsylvania.

RESEARCH INTERESTS:

Water Resources	Paleo-Environments
Hydrology	Geoarchaeology
Karst Studies	Environmental Contamination
Soils	Middle East (Israel)
Geomorphology	Latin America (Belize)
Paleo-Climates	Southeast Asia (Philippines)

RECENT PUBLICATIONS:

REFEREED:

- 2021 McClymont, Alastair, Bauman, Paul, Bensimen, K, Freund, Richard, Jol, Harry, Reeder, Philip and Seligman, Jon. Preserving Holocaust History: Geophysical Investigations at the Ponary (Paneriai) Extermination Site. *Geophysics*. 87(1):1-47. (Impact Factor = 2.79 in 2020)
- 2020 Seligman, J., Bauman, P., Freund, R., Jol, H., McClymont, A., and Reeder, P., 2020, Mapping Ponar (Paneriai): A Reassessment, Human Remains and Violence, Volume 6, No. 1 (2020), pp. 15–39. (No Impact Factor Available)

RECENT BOOKS, BOOK CHAPTERS AND EDITORSHIPS:

- 2019 Philip Reeder, Harry M. Jol, Paul Bauman, Maha Darawsha, Vanessa Workman, Shalom Yanklevitz, Richard Freund and Carl Savage. From Bethsaida to Yavne and Beyond. A Festschrift in Honor of Rami Arav: "And They Came to Bethsaida..." Edited by Fred Strickert and Richard Freund. Cambridge Scholars Publishing, UK. pp. 315-335.
- 2018 Dead Sea: New Discoveries in the Cave of Letters. Edited by Savage, C., Reeder, P., Jol, H. and Freund, R., Peter Lange Publishing, New York.
- 2018 Mapping the Cave of Letters, Israel. Part of the Book, Dead Sea: New Discoveries in the Cave of Letters. Edited by Savage, C., Reeder, P., Jol, H. and Freund, R., Peter Lange Publishing, New York. (Publication date January 2018)
- 2018 Micro-Climatic Studies in the Cave of Letters, Israel. Part of the Book, Dead Sea: New Discoveries in the Cave of Letters. Edited by Savage, C., Reeder, P., Jol, H. and Freund, R., Peter Lange Publishing, New York. (Publication date January 2018)

INTERNATIONAL PROCEEDINGS:

- 2022 Connor Jol¹, Harry M. Jol², Mikaela Martinez Dettinger³, Kayla Singleton³, Richard A. Freund³, **Philip Reeder**⁴, Colin Miazga⁵, Paul Bauman⁵, Patrick Wiley⁶, Ilya Lensky⁷, Karen Frostig⁸|University of British Columbia¹, University of Wisconsin-EauClaire², Christopher Newport University³, Duquesne University⁴, BGC Engineering⁵, University College London⁶, "Jews in Latvia" Museum⁷, Lesley University⁸. Subsurface Imaging of a Holocaust Mass Burial Site: Jungfernhof Concentration Camp, Riga, Latvia. Proceedings of the 19th International Conference on Ground Penetrating Radar, Colorado School of Mines, Golden, Colorado, June 12-17, 2022.
- 2022 Abigail Fischer¹, Harry M. Jol¹, Grace Uchyt¹, Noah Hall¹, Richard Freund², Paul Bauman³, Alastair McClymont³, Colin Miazga³, **Philip Reeder**⁴, Jacek Konik⁵, Joe Beck¹, Connor Jol⁶, Kayla Singleton², Mikaela Martinez Dettinger² | University of Wisconsin-Eau Claire¹, Christopher Newport University², BGC Engineering³, Duquesne University⁴, Warsaw Ghetto Museum⁵, University of British Columbia⁶, Searching for The Ringleblum Archives: Documentation of Life During the Holocaust-A Ground Penetrating Radar Investigation of Krasinskich Park, Warsaw, Poland. Proceedings of the 19th International Conference on Ground Penetrating Radar, Colorado School of Mines, Golden, Colorado, June 12-17, 2022.
- 2022 Grace Uchyt¹, Harry M. Jol¹, Abigail Fischer¹, Noah Hall¹, Richard Freund², Paul Bauman³, Alastair McClymont³, Colin Miazga³, **Philip Reeder**⁴, Jacek Konik⁵, Joe Beck¹, Connor Jol⁶, Kayla Singleton², Mikayla Martinez Dettinger² | University of Wisconsin-Eau Claire¹, Christopher Newport University², BGC Engineering³, Duquesne University⁴, Warsaw Ghetto Museum⁵, University of British Columbia, Archaeological GPR investigation of the Bersohn and Bauman Jewish Children's Hospital in Warsaw, Poland: Locating potential Holocaust artifacts. Proceedings of the 19th International Conference on Ground Penetrating Radar, Colorado School of Mines, Golden, Colorado, June 12-17, 2022.
- 2022 Noah Hall¹, Harry M. Jol¹, Abigail Fischer¹, Grace Uchyt¹, Richard Freund², Paul Bauman³, Alastair McClymont³, Colin Miazga³, **Philip Reeder**⁴, Jacek Konik⁵, Joe Beck¹, Connor Jol⁶, Kayla Singleton², Mikayla Martinez Dettinger² | University of Wisconsin-Eau Claire¹, Christopher Newport University², BGC Engineering³, Duquesne University⁴, Warsaw Ghetto Museum⁵, University of British Columbia⁶, Holocaust Archaeology: GPR Subsurface Imaging of the Mila 18 Memorial in Warsaw, Poland. Proceedings of the 19th International Conference on Ground Penetrating Radar, Colorado School of Mines, Golden, Colorado, June 12-17, 2022.

GRANTS:

FUNDED (Last Ten-Years of Funding):

- 2022 Using Geophysics and Spatial Analysis to Assess Holocaust Sites in Eastern Europe. The Charles Henry Leach Fund for Duquesne University. \$18,460.00.
- 2013 Deadly Deception at Sobibor Lecture and Film Screening, The Goldrich Foundation, Duquesne University, November 2013. \$2,200.00
- 2011-2013 Co-Investigator with Gyles Iannone, Socio-Environmental Dynamics in the North Vaca Plateau, Belize: A Long-Term Perspective (Phase III, Part II). Alphawood Foundation. \$216,000.00
- 2009-2011 Co-Investigator with Gyles Iannone (PI), Jaime Awe (PI), Andrew Bevan (Co-PI), George Brook (Co-PI), James Conolly (Co-PI), Sean Downey (Co-PI), Fred Longstaffe (Co-PI), Holley Moyes (Co-PI), Jason Polk (Co-PI), Philip Van Beynen (Co-PI), James W. Webster (Co-PI), Jocelyn Williams (Co-PI), Socio-Environmental Dynamics in the North Vaca Plateau, Belize: A Long-Term Perspective. Alphawood Foundation. \$343,178.00

Grant Funding During this Period = \$561,378.00

FUNDED (Prior to 2011):

- 2008 Developing Introduction to Earth System Science into an Online Course. Center for 21st Century Teaching Excellence, University of South Florida.
- 2004 with Archer, K., Mustafa, D., Bosman, M. and Zandbergen, Access and Vulnerability in a Globalizing World: Urban Water Supply and Flood Hazard in Latin America and the Caribbean. Submitted to the Globalization Center, University of South Florida.
- 2003 Geoarchaeological Investigations at the Yavne and Mary's Well Archaeological Sites, Israel. University of Wisconsin-La Crosse, International Development Fund.
- 2003 with Belin, C., Chu, G. And Stoelting, P., Integrating Field and Computational Components into a Physical Geography Curriculum. National Science Foundation, Course, Curriculum and Laboratory Improvement grant.
- 2002 Multidisciplinary Investigation of Maya Cave and Landscape Utilization on the Northern Vaca Plateau, Belize, Central America, University of Wisconsin-La Crosse, Faculty Research Grant.
- 2000 Multidisciplinary Research in the Vicinity of the IX CHEL Archaeological Site, Belize. The University of Nebraska Council on Research.
- 2000 Field workstation Grant, Grant funded by the UNO College of Arts and Sciences to purchase a networked computer workstation for use during field work and field teaching experiences.
- 1998 Geoarchaeological Investigations at "Cave of the Letters" Israel, The University of Nebraska Council on Research.
- 1997 Environmental Education and Resource Degradation Research in Bohol the Philippines, The University of Nebraska Council on Research Mini-Grant Program.
- 1997 Multidisciplinary Research in the Vicinity of the IX CHEL Archaeological Site, Belize. The University of Nebraska Council on Research.

- 1996 Civil Unrest and Environmental Degradation in the Karst of Bohol, the Philippines. Summer Fellowship from the University of Nebraska Council on Research.
- 1996 with Urich, Peter, Water Resource Management in the Loboc River Watershed, Bohol, the Philippines. New Zealand Council for Bilateral Research.
- 1995 Multidisciplinary Research in the Vicinity of the IX CHEL Archaeological Site, Belize. The University of Nebraska Council on Research Mini-Grant Program.
- 1994 Forest Conservation, Clearance, Sustainable Use and the Tainting of Groundwater Reserves in the Maya Tri-National Region. The University of Nebraska at Omaha University Council on Research.
- 1994 Forest Conservation, Clearance, Sustainable Use and the Tainting of Groundwater Reserves in the Maya Tri-National Region. United States State Department, Man and the Biosphere Program, Tropical Ecosystems Directorate.
- 1994 Fulbright Grant to Peru, South America, Proposal was titled "Lecturing and Research in Environmental Education and Protection and Development of the Lima Water Supply."
- 1994 Two Faculty Development Grants from Valdosta State University to attend and present research presentations at professional meetings.
- 1993 Four Faculty Development Grants from Valdosta State University to attend and present research presentations at professional meetings.
- 1993 Faculty Research grant from the Graduate School at Valdosta State University for geoarchaeological research in Belize, Central America.
- 1991 with Day, M.J., "Groundwater Contaminant Pathways in the Karst Terrain of Southwest Wisconsin." United States Geological Survey.
- 1991 National Science Foundation Dissertation Improvement Grant for groundwater contamination research in Richland County, Wisconsin.
- 1991 The Ralph Stone Award from the National Speleological Society for groundwater contamination research in Richland County, Wisconsin.
- 1991 Cave Research Foundation Research Fellowship for groundwater contamination research in Richland County, Wisconsin.
- 1991 Hydrology Fund of Sigma Xi: The Scientific Research Society for groundwater contamination research in Richland County, Wisconsin.
- 1991 Otis Paul Starkey Fund of the Association of American Geographers for groundwater contamination research in Richland County, Wisconsin.
- 1990 National Speleological Society for groundwater contamination research in Richland County, Wisconsin.
- 1990 National Speleological Society for water resources research conducted in Batuan, Philippines.

1987 Graduate Student Research Grant for groundwater contamination research in Bowling Green, Kentucky from the Graduate School at Western Kentucky University.

Total Research Grants Funded (1987-2013) = \$809,460

APPLIED FOR AND NOT FUNDED:

- 2012 with Kathryn Borman (PI) and Karla Davis-Salazar (Co-PI), and senior collaborators: Erin Kimmerle, Christian Wells, Richard Estabrook, Gordon Fox, Sarah Kruse, Robert Brinkmann, Philip Reeder and Mark Stewart. Living in Lowland Environments (LILLE): An Interdisciplinary, International Program for GK-12 Fellows, National Science Foundation, Graduate Teaching Fellowship in K-12 Education, Directorate for Education and Human Resources, Division of Graduate Education. \$3,090,833 total for five years
- 2012 with Kamal Alsharif. Flowing Springs for Peace: A Look at How Water Can Bring People Together. USAID/West Bank and Gaza APS No. 294-12-000004 Conflict Management and Mitigation Program. \$1,033,556 for three years.
- 2010 with James Garey, Clifford Merz and Mark Ross, Sustainability of water use in the Springs Coast Drainage Basin, Florida, Submitted to the National Science Foundation, Division of Earth Sciences, Water Sustainability of Climate Program. \$146,000.00
- 2008 with Kathryn Borman (PI) and Karla Davis-Salazar (Co-PI), and senior collaborators: Erin Kimmerle, Christian Wells, Richard Estabrook, Gordon Fox, Sarah Kruse, Robert Brinkmann, Philip Reeder and Mark Stewart. Living in Lowland Environments (LILLE): An Interdisciplinary, International Program for GK-12 Fellows, National Science Foundation, Graduate Teaching Fellowship in K-12 Education, Directorate for Education and Human Resources, Division of Graduate Education. \$3,090,833 total for five years
- 2006 K. Davis-Salazar, Christian Wells, Philip Reeder, Valerie Harwood, Ricardo Izurieta, and Jeff Cunningham, Water Resource Development in Honduras: A Pilot NSF Integrative Graduate Education and Research Traineeship Program, USF Sustainable Communities Thrust Grant Program. \$499,965.00
- 2006 with van Beynen, P., Brinkmann, R., Groves, C. and Day, M., Measurement of Human Disturbance of Karst Environments, Geography/Regional Science Prog., Nat. Sci. Foundation. \$105,000.00
- 2006 with van Beynen, P. and Onac, B., Changing Teleconnection Influences for the Western North Atlantic Landmass, Atmospheric Sciences Division, Paleoclimate Program, National Science Foundation. \$383,187.00
- 2005 with van Beynen, P. and Asmerom, Y., Collaborative Research: Subtropical to Tropical Climate Responses to Inter-Annual and Decadal Climate Forcing from High Resolution North and Central American Speleothem Data, Atmospheric Sciences Division, Paleoclimate Program, National Science Foundation. \$384,236.00
- 2004 with van Beynen, P., Asmerom, Y. and Day, M., Collaborative Research: Physical and Cultural Landscapes on the Vaca Plateau, Belize. Geography Program, NSF. \$173,995.00
- 2004 Physical and Cultural Landscapes on the Vaca Plateau, Belize, New Researcher Grant, University of South Florida. \$5,600.00

- 2003 Maya Physical and Cultural Landscapes on the Vaca Plateau, Belize, New Researcher Grant, University of South Florida. \$9,991.00.
- 1999 Multidisciplinary Investigation of Maya Cave and Landscape Utilization on the Northern Vaca Plateau, Belize. Foundation for the Advancement of Mesoamerican Studies. \$7,900.00
- 1998 with Maher, H., and Nealon J., Geoarchaeological Investigations at the Mormon Pioneer Cemetery, Omaha, Nebraska. Brigham Young University. \$40,000.
- 1997 with Brady, J., Multidisciplinary Investigation of Relationships Between Maya Physical and Cultural Geography. National Geographic Society. \$19,978
- 1997 with Bishop, M., Maher, H., Mason, J., and Shroder, J., Interactive Public Urban Environmental Data Base for the Omaha Metropolitan Area. Nebraska Research Initiative. \$500,000.
- 1997 with Bishop, M., Spatial and Temporal Variations in Water Quality in the Lower Platte River Basin: Assessment, Modeling and Public Education. Nebraska DEQ. \$239,364.
- 1997 Surface and Groundwater Quality in Sarpy and Douglas Counties, Nebraska. United States Geological Survey Competitive Grants Program. \$132,000.00.
- 1995 GIS Based Spatial and Temporal Groundwater Nitrate Assessment and Modeling. United States Department of Agriculture. \$217,000.00
- 1995 with Bishop, M., Spatial and Temporal Variations in Water Quality in Central Sarpy County Nebraska. Water Resource Center at the University of Nebraska at Lincoln. \$58,000.00
- 1993 "Speleological and Geoarchaeological Investigations at IX CHEL, Belize, Central America." National Geographic Society. \$20,900.00
- 1993 "The Effect of Forest Clearance and Population Consolidation on Groundwater Quality in the Cay District, Belize, Central America." United States State Dept., Man and the Biosphere Program Tropical Ecosystems Directorate. \$9,600.00.
- 1993 Young Investigators Award from the National Science Foundation. \$300,000.00
- 1991 with Day, M., Urich, P. and Webster, J., "Development of a Water Resources Management Plan for Batuan, Bohol, the Philippines." National Science Foundation. \$32,000.00
- 1989 with Day, M., "Soil and Water Resource Management in the Karst of Batuan, Bohol, the Philippines." National Science Foundation. \$24,000.00

Total Research Grants Applied for/not Funded = \$10,500,000.00

COMMITTEE MEMBERSHIPS:

- 2016-2021 Member, Duquesne University CORE Curriculum Committee (Chair 2016 to 2019).
- 2014-2021 Chair, Phipps Conservatory Rainforest Project Committee, Duquesne University.
- 2014-2021 Member, Division of Mission and Identity Steering Committee, Duquesne University.

- 2014-2021 Member, Honors College Advisory Committee, Duquesne University.
- 2014-2021 Member, Annual Presidential Conference on the Integrity of Creation, Duquesne University.
- 2013-2021 Member, Academic Council, Duquesne University.
- 2014-2019 Member, Duquesne University 2019-2023 Strategic Planning committee.
- 2016-2018 Member, Duquesne University Middle States Accreditation Committee.
- 2014-2016 Chair, Duquesne University CORE Curriculum Committee.
- 2003-2013 Member, Tenure & Promotion Committee, Department of Geography, Environment and Planning, University of South Florida.
- 2011-2013 Member, College of Arts and Sciences Faculty Council, University of South Florida.
- 2008-2012 Member, FL Board of Governors Prerequisites Committee in Environmental Science.
- 2009-2011 Member, Search Committee for the position of Director for the School of Global Sustainability, University of South Florida (Appointed to this Committee by Provost Ralph Wilcox).
- 2004-2011 Chair, Mid-Tenure Review Committee, Dept. of Geography, University of South Florida.
- 2007-2011 Chair, Environmental Science and Policy Ad Hoc Program Committee, Dept. of Geography, University of South Florida.
- 2006-2007 Chair, Department of Geography/Environmental Science and Policy Search Committee to hire a tenure-track faculty member with expertise in water and environmental policy.
- 2004-2007 Chair, Graduate Program Committee, Department of Geography, University of South Florida
- 2006 Chair, Department of Geography/Environmental Science and Policy Search Committee to hire a full-time instructor with expertise in environmental science and policy.
- 2006 Search Committee Member, University -Wide Search Committee to hire a new Director of the USF Audits and Compliance Office.
- 2004-2006 Ad Hoc Committee on Program Expansion (committee formed to develop protocol for expansion of an existing degree program within the USF System). University of South Florida.
- 2004-2005 Chair, Geography Search Committee to hire a tenure-track faculty member with expertise in meteorology/climatology.
- 2004-2005 Faculty Evaluation Committee, Department of Geography, University of South Florida
- 2003 College of Health and Allied Science Undergraduate Committee for the Dean's Summer Fellowships, University of Wisconsin- La Crosse.
- 1998-2002 Nebraska Academy of Science Representative to the National Council for Geographic Education.
- 1998-2002 International Studies Program Committee, University of Nebraska at Omaha.

- 1996-2003 Executive Advisory Committee for the Philippine Council for the Environment.
- 1995-2002 Gamma Theta Upsilon/Geography Club Advisor, Department of Geography, University of Nebraska at Omaha.
- 1995-1996 Department of Geography and Geology, University of Nebraska at Omaha, Library Liaison.
- 1993-2002 National Speleological Society, Committee on Research.
- 1993-1994 University System of Georgia Committee for Geographic Information Systems, institutional representative.
- 1993-1994 University System of Georgia Latin American Studies Consortium, institutional representative.
- 1993-1994 Georgia Pulp and Paper Consortium, Fiber Supply Working Group, institutional representative.
- 1993-1994 Valdosta State University, Grants Workshop Committee.
- 1993-1994 Valdosta State University, Committee for Faculty and Student Exchange with Belize, Central America.
- 1993 Valdosta State University, Athletics Committee.
- 1992-1993 Valdosta State University, Dept. of Physics, Astronomy and Geology, Chair, Committee to Develop a major in environmental geography.
- 1992- 1993 Valdosta State University, Dept. of Physics, Astronomy and Geology, Committee for Teacher Education in Geography.

HONORS:

- 2022 Fulbright Scholar Specialist to Latvia (sponsored by the Jewish Museum of Riga, Latvia), to study the use of geoscience techniques to study Holocaust sites in Latvia.
- 2018 Appointed to the Board of Director of the National Scenic Visitors Center/Earthwalk USA. Headquartered in Zionsville, Pennsylvania.
- 2017 Elected to the Board of Trustees, Phipps Conservatory and Botanical Gardens, Pittsburgh, Pennsylvania.
- 2009 Selected as a Delegate to represent the United States at the 2009 International Ubiquitous Cave Conference, Danyang, South Korea, November 6-8.
- 2009 Selected as the closing Keynote speaker at the 25th Anniversary Conference on the Land of Israel. Nof Ginosaur, Israel, July 5-8.
- 2004 Selected as a Delegate to represent the United States at the Transkarst 2004 Conference. Hanoi, Vietnam, September 13-18.
- 2000 Elected and served as Chairperson for the Great Plains/Rocky Mountain Division of the Association of American Geographers.

- 1999 Elected and served as Vice-Chairperson for the Great Plains/Rocky Mountain Division of the Association of American Geographers. Served as Chairperson for the 2000-2001 term.
- 1999 University of Nebraska at Omaha Alumni Association Excellence in Teaching Award.
- 1996 Visiting Professor in the Department of Geography, Waikato University, Hamilton, New Zealand from April to July 1996.
- 1994 Fulbright Scholar to Peru, South America to conduct workshops about the environment for Peruvian educators and to conduct environmental contamination and geoarchaeological research.
- 1993 Selected by Rotary International for a Group Study Exchange Program between Peru, South America and South Georgia, USA.
- 1992 Nominated by President Hugh Bailey, Valdosta State University, for Young Investigators Award from the National Science Foundation.
- 1991 Ralph Stone Graduate Student Research Award from the National Speleological Society
- 1991 Karst Research Fellowship from the Cave Research Foundation.
- 1990 Selected as a delegate to represent the United States at the 50th Anniversary International Congress of the Cuban Speleological Society in Havana, Cuba.
- 1989 Selected as the delegate to represent Sigma Xi: The Research Society Club at the University of Wisconsin-Milwaukee at the National Meeting in Denver, Colorado.

PUBLICATIONS:

REFEREED:

- 2021 McClymont, Alastair, Bauman, Paul, Bensimen, K, Freund, Richard, Jol, Harry, Reeder, Philip and Seligman, Jon. Preserving Holocaust History: Geophysical Investigations at the Ponary Extermination Site. *Geophysics*. 87(1):1-47. (Impact Factor = 2.79 in 2020)
- 2020 Seligman, J., Bauman, P., Freund, R., Jol, H., McClymont, A., and Reeder, P., 2020, Mapping Ponar (Paneriai): A Reassessment, Human Remains and Violence, Volume 6, No. 1 (2020), pp. 15–39. (No Impact Factor Available)
- 2016 Pollock, A., van Beynen, P., DeLong, K., Polyak, V., Asmerom, Y., and Reeder, P., A Mid-Holocene Paleoprecipitation Record from Belize. *Palaeogeography, Palaeoclimatology, Palaeoecology*. Elsevier. 463, pp. 103–111. (Impact Factor = 2.525 in 2014).
- 2016 Akers, P., Brook, G., Railsback, L. B., Liang, F., Iannone, G., Webster, J., Reeder, P., Cheng, H., and Edwards, R. L., Extended and Higher-Resolution Record of Climate and Land Use from Stalagmite MC01 from Macal Chasm, Belize. *Palaeogeography, Palaeoclimatology, Palaeoecology*. Elsevier. (Impact Factor = 2.525 in 2014)
- 2011 Grant Harley, Jason Polk, Leslie North and Philip Reeder, Application of a Cave Inventory System to Stimulate Development of Management Strategies: The Case of West-Central Florida, USA. *Journal of Environmental Management*. Volume 92, pp. 2547-2557. (Impact Factor = 2.76 in 2011)
- 2009 Grant Harley, Philip Reeder, Jason Polk and Philip van Beynen, Developing a GIS-Based Inventory for the Implementation of Management Protocols in the Withlacoochee State Forest, FL. *Journal of Cave and Karst Studies*. V. 72, No. 1, 35-42. (Impact Factor =1.37 in 2009)

- 2009 Mustafa, D. and Reeder, P., "People is all that is left to privatize": Water supply privatization, vulnerability and social justice in Belize City, Belize. The Journal of Urban and Regional Research. Volume 33, No. 3, pp. 789-808. (Impact Factor = 1.43 in 2009)
- 2008 Pierre R. Colas, Ulrich Wölfel, Philip P. Reeder, Katja C. Stengert, and James Webster, Sites and Sinkholes: Archaeological Investigations of Terminal Classic Maya Society on the Northern Vaca Plateau, Belize. Mexicon, Volume 30, No. 6, pp. 126-135. (Impact Factor = 1.43 in 2009)
- 2007 James W. Webster, George A. Brook, L. Bruce Railsback, Hai Cheng, R. Lawrence Edwards, Clark Alexander, and Philip Reeder, Stalagmite Evidence from Belize indicating significant droughts at the time of Preclassic Abandonment, the Maya Hiatus, and the Classic Maya Collapse, Palaeogeography, Palaeoclimatology, Palaeoecology. Volume 250: pp. 1 - 17. (Impact Factor = 2.646 in 2009)
- 2007 Polk, J., van Beynen, P. and Reeder, P., Late Holocene Environmental Reconstruction Using Cave Sediments from Belize, Quaternary Research. Elsevier Publishing. Volume 68, pp. 53-63. (Impact Factor = 2.457 in 2009)
- 2006 with Jol, H., Water Resource Utilization at the Qumran Archaeological Site, Israel, Papers of the Applied Geography Conferences, Vol. 29, pp. 224-234.
- 2005 Bauman, P., Parker, D., Goren, A., Freund, R. and Reeder, P., Archaeological Reconnaissance at Tel Yavne, Israel: 2-D Electrical Imaging and Low Altitude Aerial Photography, Canadian Society of Exploration Geophysics (CSEG) Recorder, Vol. 30, No. 6, pp. 29-33. (Impact Factor = 1.662 in 2009)
- 2004 with Jol, H., Freund, R. and Savage, C., Geoarchaeology of the Qumran Archaeological Site, Israel, Focus on Geography, Vol. 48, No. 1, pp. 12-19.
- 2003 Physical and Cultural Landscapes on the Northern Vaca Plateau, Belize. Journal of Belizean Affairs. Vol. 5, No. 1, pp. 5-30.
- 2003 with Shapiro, Lauren, Lead Contamination of Soils in Belize City, Belize. Journal of Environmental Studies and Health - Part A, Volume A38, No. 12, pp. 2785-2805. (Impact Factor = 1.363 in 2009) 2003 with Colas, P. and Webster, J., Vessel with a Primary Standard Sequence in Archaeological Context in a Cave on the Northern Vaca Plateau, Belize. WAYEB Notes. Volume 7, pp. 1-4.
- 1999 with Urich, P., Plantation Forestry in Tropical Limestone Uplands: Environmental Constraints and Opportunities. Professional Geographer. Volume 51, Number 4, pp. 493-506. (Impact Factor = 1.712 in 2009)
- 1999 with Colas, Pierre R., Webster James W., 1999, The Ritual Use of a Cave on the Northern Vaca Plateau, Belize, Central America, The Journal of Cave and Karst Studies. Volume 62, No. 1, pp. 3-10. (Impact Factor = 1.37 in 2009)
- 1998 with Brady, J. and Webster, J., Geoarchaeological Investigations on the Northern Vaca Plateau, Belize. Mexicon. Volume 20, No. 2, pp. 37-43.
- 1998 with Brinkmann, R., Paleoenvironmental Reconstruction on an Oligocene Aged Island Remnant in Florida, USA. Cave and Karst Science. Volume 25, No.1, pp. 7-13.

- 1997 with Day, M.J. and Alt. E., Soils, The Influence of Parent Material, Geomorphology, and Land Use on Physical and Chemical Properties in Belize River Valley Soils. Caribbean Geography. Volume 7, No. 2, pp. 113-131.
- 1996 with Urich, Peter, Environmental Degradation in the Loboc River Watershed, Bohol Province, Philippines. Asia Pacific Viewpoint. Volume 37, No. 3. pp. 283-293. (Impact Factor = 0.729 in 2009)
- 1996 with Brinkmann, R. and Alt, E., Karstification on the Northern Vaca Plateau, Belize. The Journal of Cave and Karst Studies. The National Speleological Society. Volume 58, No. 2, pp. 121-130.
- 1996 Water Resource Management in Bohol, The Philippines: Parallels with Peru. Espacio y Desarrollo, Pontificia Universidad Catolica Del Peru, Centro De Investigacion En Geografia Aplicada (Peru). Volume 5, No. 6, pp. 231-243.
- 1995 with Brinkmann, R., The Relationship Between Surface Soils and Cave Sediments: An Example from West-Central Florida, USA. Cave and Karst Science. Transactions of the British Cave Research Association. Volume 22, No. 3. pp. 95-102.
- 1995 with Brinkmann, R. and Banker L., A Toposequence of Soils From the Karst of West-Central Florida. Journal of the Speleological Society of Korea. The Speleological Society of Korea. Volume 42. pp. 41-63.
- 1995 Dye Tracing of Subsurface Flow Paths: Water Resource Management Applications in Peru. Geographical Society of Lima Bulletin. Volume 106: 1993. pp. 83-88.
- 1994 with Brinkmann, Robert, The Influence of Sea Level Changes and Geologic Structure Upon Cave Formation in West-Central Florida. Physical Geography. Volume 15, No. 1, pp. 52-61
- 1991 Topographic, Microclimatic and Anthropic Influences Upon "A" Horizon Development in Soils Formed in Glacial Outwash: Marinette County, Wisconsin. The Wisconsin Geographer. The Wisconsin Geographical Society. Volume 7. pp. 9-15.
- 1990 with Day, M.J., Lead Mining from Caves in the Upper Mississippi Valley: An Historical Perspective. The Journal of Spelean History. The Spelean History Section of the National Speleological Society, Volume 24, No. 1. pp. 14-22.
- 1990 The Description and Classification of Soils in Central Marinette County Wisconsin. The Wisconsin Geographer. The Wisconsin Geographical Society. Volume 6. pp. 44-54.
- 1989 with Day, M.J. and Oh, J.W., Dolostone Karst in Southwestern Wisconsin. The Wisconsin Geographer. Wisconsin Geographical Society. Volume 5. pp. 29-40.
- 1988 with Crawford, N.C., Application of "Wellcam" Down-Hole Video Camera System to Optimally Locate New Drainage Wells and Examine Entranceless Caves in Bowling Green, Kentucky. Central Kentucky Cave Survey #2. Center for Cave and Karst Studies, Western KY Univ. pp. 135-137.

PROCEEDINGS:

International:

- 2022 Connor Jol¹, Harry M. Jol², Mikaela Martinez Dettinger³, Kayla Singleton³, Richard A. Freund³, **Philip Reeder**⁴, Colin Miazga⁵, Paul Bauman⁵, Patrick Wiley⁶, Ilya Lensky⁷, Karen Frostig⁸|University of British Columbia¹, University of Wisconsin-Eau Claire², Christopher Newport University³, Duquesne University⁴, BGC Engineering⁵, University College London⁶, “Jews in Latvia” Museum⁷, Lesley University⁸. Subsurface Imaging of a Holocaust Mass Burial Site: Jungfernhof Concentration Camp, Riga, Latvia. Proceedings of the 19th International Conference on Ground Penetrating Radar, Colorado School of Mines, Golden, Colorado, June 12-17, 2022.
- 2022 Abigail Fischer¹, Harry M. Jol¹, Grace Uchyt¹, Noah Hall¹, Richard Freund², Paul Bauman³, Alastair McClymont³, Colin Miazga³, **Philip Reeder**⁴, Jacek Konik⁵, Joe Beck¹, Connor Jol⁶, Kayla Singleton², Mikaela Martinez Dettinger² | University of Wisconsin-Eau Claire¹, Christopher Newport University², BGC Engineering³, Duquesne University⁴, Warsaw Ghetto Museum⁵, University of British Columbia⁶, Searching for The Ringleblum Archives: Documentation of Life During the Holocaust-A Ground Penetrating Radar Investigation of Krasinski Park, Warsaw, Poland. Proceedings of the 19th International Conference on Ground Penetrating Radar, Colorado School of Mines, Golden, Colorado, June 12-17, 2022.
- 2022 Grace Uchyt¹, Harry M. Jol¹, Abigail Fischer¹, Noah Hall¹, Richard Freund², Paul Bauman³, Alastair McClymont³, Colin Miazga³, **Philip Reeder**⁴, Jacek Konik⁵, Joe Beck¹, Connor Jol⁶, Kayla Singleton², Mikayla Martinez Dettinger² | University of Wisconsin-Eau Claire¹, Christopher Newport University², BGC Engineering³, Duquesne University⁴, Warsaw Ghetto Museum⁵, University of British Columbia, Archaeological GPR investigation of the Bersohn and Bauman Jewish Children’s Hospital in Warsaw, Poland: Locating potential Holocaust artifacts. Proceedings of the 19th International Conference on Ground Penetrating Radar, Colorado School of Mines, Golden, Colorado, June 12-17, 2022.
- 2022 Noah Hall¹, Harry M. Jol¹, Abigail Fischer¹, Grace Uchyt¹, Richard Freund², Paul Bauman³, Alastair McClymont³, Colin Miazga³, **Philip Reeder**⁴, Jacek Konik⁵, Joe Beck¹, Connor Jol⁶, Kayla Singleton², Mikayla Martinez Dettinger² | University of Wisconsin-Eau Claire¹, Christopher Newport University², BGC Engineering³, Duquesne University⁴, Warsaw Ghetto Museum⁵, University of British Columbia⁶, Holocaust Archaeology: GPR Subsurface Imaging of the Mila 18 Memorial in Warsaw, Poland. Proceedings of the 19th International Conference on Ground Penetrating Radar, Colorado School of Mines, Golden, Colorado, June 12-17, 2022.
- 2009 Reeder, Philip P., Cave and Karst Geoarchaeology: New Avenues for Inquiry. Proceedings of the 2009 International Ubiquitous Cave Conference, Danyang, South Korea, November 6-8, pp. 59-90.
- 2006 Bode, J., Jol, H., Reeder, P. and Freund, R., GPR Investigation at the Nuestra Senora la Blanca: an Archaeological Site in Burgos, Spain. Proceedings of the 11th International Conference on Ground Penetrating Radar GPR 2006, The Ohio State University, Columbus, Ohio, June 19-26.
- 2006 Polk, J.S., van Beynen, P.E., and Reeder, P., Environmental Reconstruction since 2,500 Years Ago Using Cave Sediments from Belize. *Archives of Climate Change in Karst*. Proceedings of the Symposium Climate Change: The Karst Record. Onac, B.P., Tamas, T., Constantin, S., and Persoiu, A., eds. Karst Waters Institute: Special Publication 10.

- 2006 Jol, H., Bode, J., Freund, R., Darawsha, M., Bauman, P., Nahas, C., Reeder, P., and Savage, C., Nazareth excavations project: a GPR perspective: Proceedings of the Symposium on the Application of Geophysics to Engineering and Environmental Problems (SAGEEP), 19th Annual Meeting, Seattle, Washington, April 2-6, Papers on CD-ROM, p. 1407 – 1413.
- 2006 Nahas, C., Bauman, P., Jol, H., Reeder, P., and Freund, R., Geophysical investigations at coastal archaeological sites in Israel: Proceedings of the Symposium on the Application of Geophysics to Engineering and Environmental Problems (SAGEEP), 19th Annual Meeting, Seattle, Washington, April 2-6, Papers on CD-ROM, p. 1397 – 1406.
- 2004 Jol, H., Reeder, P., Bauman, P. and Freund, R., Multidisciplinary Research at the Cave of Letters, Israel: A Melding of Physical and Social Sciences. Transkarst 2004 Conference Proceedings. Hanoi, Vietnam, September 13 to 18.
- 2002 Jol, H.M., Reeder, P.P., Broshi, M., Eshel, H., Freund, R.A., Schroder, Jr., J.F., and Dubay, R. GPR investigations at Qumran, Israel: site of the Dead Sea Scrolls Discovery. Ninth International Conference on Ground Penetrating Radar, Edited by S.K. Koppenjan and H. Lee, April 29 – May 2, Santa Barbara, CA, Proceedings of SPIE (The International Society for Optical Engineering), Vol. 4758: 91-95.
- 2000 Jol, H.M., Reeder, P.P., Schroder, J.F. and Freund, R.A. Return to the Cave of Letters (Israel): a ground penetrating radar archaeological expedition. Proceedings of the Eighth International Conference on Ground Penetrating Radar (GPR 2000), Edited by D.A. Noon, G.F. Stickley and D. Longstaff, May 23-26, Gold Coast, Australia, SPIE Vol. 4084: 882-886.
- 1996 Recent Investigations at the IX CHEL Archaeological Site, Cayo District, Belize. Proceedings of the First International Symposium of Maya Archaeology. Department of Archaeology, Belmopan, Belize.
- 1993 with Day, M.J., Seasonality of Chloride and Nitrate Contamination in the Southwestern Wisconsin Karst. Proceedings of the Fourth Multidisciplinary Conference on Sinkholes and the Engineering and Environmental Impacts of Karst. Balkema Press, Rotterdam, Rotterdam, Holland. pp. 53-61.
- 1989 with Day, M.J., Sinkholes and Land Use in Southwestern Wisconsin. Proceedings of the Third Multidisciplinary Conference on Sinkholes and the Engineering and Environmental Impacts of Karst. Balkema Press, Rotterdam, Holland. pp. 107-113.
- 1989 with Crawford, N.C., Potential Contamination of an Urban Karst Aquifer: Bowling Green, Kentucky. Proceedings of the Third Multidisciplinary Conference on Sinkholes and the Engineering Environmental Impacts of Karst. Balkema Press, Rotterdam, Holland. pp. 197-206.
- 1989 with Day, M.J., Lead Mining of Caves in the Driftless Area of Southwest Wisconsin and Northwest Illinois, U.S.A. Proceedings of the Tenth International Speleological Congress. Budapest, Hungary. pp. 137-139.
- 1993 Natural and Cultural Landscape Interactions in the Karst of Batuan, Bohol, the Philippines. Proceedings of the 1991 Cave Management Symposium. The American Cave Conservation Association. pp. 123-128.
- 1988 with Crawford, N.C., Urban Storm Water Runoff Removal: Bowling Green, Kentucky. Proceedings of the Second Conference of Environmental Problems in Karst Terrains and Their Solutions. National Association of Groundwater Scientists and Engineers. pp. 69-95.

Regional:

- 1988 with Crawford, N.C., Down-Hole Video Camera: A New Tool in Applied Karst Hydrology. Geography Section Proceeding. Kentucky Academy of Science. pp. 73-82.

BOOK CHAPTERS AND EDITORSHIPS:

- 2019 Philip Reeder, Harry M. Jol, Paul Bauman, Maha Darawsha, Vanessa Workman, Shalom Yanklevitz, Richard Freund and Carl Savage. From Bethsaida to Yavne and Beyond. A Festschrift in Honor of Rami Arav: "And They Came to Bethsaida..." Edited by Fred Strickert and Richard Freund. Cambridge Scholars Publishing, UK. pp. 315-335.
- 2018 Dead Sea: New Discoveries in the Cave of Letters. Edited by Savage, C., Reeder, P., Jol, H. and Freund, R., Peter Lange Publishing, New York.
- 2018 Mapping the Cave of Letters, Israel. Part of the Book, Dead Sea: New Discoveries in the Cave of Letters. Edited by Savage, C., Reeder, P., Jol, H. and Freund, R., Peter Lange Publishing, New York. (Publication date January 2018)
- 2018 Micro-Climatic Studies in the Cave of Letters, Israel. Part of the Book, Dead Sea: New Discoveries in the Cave of Letters. Edited by Savage, C., Reeder, P., Jol, H. and Freund, R., Peter Lange Publishing, New York. (Publication date January 2018)
- 2011 Geomorphology and Karst: A New Perspective. Edited by Philip van Beynen, Springer Publishers, London, pp. 169-200.
- 2009 with Jol, H. and Shroder, J., El Araj as Bethsaida: Spatial and Temporal Improbabilities, Volume 4. Truman University Press, pp. 293-309.

REVIEWED REPORTS:

- 2008 Annual Report on Multidisciplinary Research Activities on the Northern Vaca Plateau, Report Compiled by Philip Reeder, Belize. Technical Report Submitted to the Commissioner of Archaeology. Belmopan, Belize, Central America. 68p.
- 2008 A Report on the Mapping of the Sobibor Nazi Extermination Camp in Sobibor, Poland. Compiled by Philip Reeder. *Technical Report Submitted to the Sobibor Museum and the Government of Poland*, Warsaw, Poland. 10p.
- 2007 Annual Report on Multidisciplinary Research Activities on the Northern Vaca Plateau, Belize. Technical Report Submitted to the Commissioner of Archaeology. Belmopan, Belize, Central America. 38p.
- 2006 Annual Report on Multidisciplinary Research Activities on the Northern Vaca Plateau, Belize. Technical Report Submitted to the Commissioner of Archaeology. Belmopan, Belize, Central America. 89p.
- 2005 Final report to the USF Globalization Center. Urban Water Supply and Flood Hazard in Latin America and the Caribbean: A Case Study from Belize City, Belize, Philip Reeder, Kevin Archer, M. Martin Bosman, Paul Zandbergen Danish Mustafa, April Bernard 109p.
- 2005 Annual Report on Multidisciplinary Research Activities on the Northern Vaca Plateau, Belize. Technical Report Submitted to the Commissioner of Archaeology. Belmopan, Belize, Central America. 84p.

- 2004 Annual Report on Multidisciplinary Research Activities on the Northern Vaca Plateau, Belize. Technical Report Submitted to the Commissioner of Archaeology. Belmopan, Belize, Central America. 66p.
- 2003 Annual Report on Multidisciplinary Research Activities on the Northern Vaca Plateau, Belize. Technical Report Submitted to the Commissioner of Archaeology. Belmopan, Belize, Central America. 52p.
- 2000 with Jol H.M., Shroder Jr., J.F., and Freund, R.A., Cave of Letters Excavations Report for G- 100/1999. Technical Report Prepared for the Antiquities Authority of Israel. Jerusalem, Israel. 48p.
- 2000 Annual Report on Multidisciplinary Research Activities on the Northern Vaca Plateau, Belize. Technical Report Submitted to the Commissioner of Archaeology. Belmopan, Belize, Central America. 224p.
- 1999 Annual Report on Multidisciplinary Research Activities on the Northern Vaca Plateau, Belize. Technical Report Submitted to the Commissioner of Archaeology. Belmopan, Belize, Central America. 86p.
- 1998 Annual Report on Multidisciplinary Research Activities on the Northern Vaca Plateau, Belize. Technical Report Submitted to the Commissioner of Archaeology. Belmopan, Belize, Central America. 46p.
- 1997 Annual Report on Multidisciplinary Research Activities on the Northern Vaca Plateau, Belize. Technical Report Submitted to the Commissioner of Archaeology. Belmopan, Belize, Central America. 92p.
- 1996 Annual Report on Multidisciplinary Research Activities on the Northern Vaca Plateau, Belize. Technical Report Submitted to the Commissioner of Archaeology. Belmopan, Belize, Central America. 87p.
- 1995 Annual Report on Multidisciplinary Research Activities on the Northern Vaca Plateau, Belize. Technical Report Submitted to the Commissioner of Archaeology. Belmopan, Belize, Central America. 75p.
- 1994 with Alt, Edward, Aspects of the Karst Geomorphology of the Vaca Plateau, Cayo District, Belize, Central America. Technical Report Submitted to the Commissioner of Archaeology. Belmopan, Belize, Central America. 138 p.
- 1994 with Day, M.J., Groundwater Contaminant Pathways in the Karst Terrain of Southwestern Wisconsin. Technical Completion Report Number G2055-03. Water Resources Center, University of Wisconsin-Madison. 27p.
- 1993 Speleological and Geoarchaeological Investigations on the Northern Vaca Plateau. Technical Report Submitted to the Commissioner of Archaeology. Belmopan, Belize, Central America. 48p.
- 1992 with Urich, P. and Webster, J., The Potential for Developing Camaro Spring as a Source of Drinking Water for Batuan, Bohol. Technical Report Submitted to the Bohol Office of Planning and Development, Philippine Department of Environment and Natural Resources, and the Office of the Governor, 33p.

- 1992 with Day, M.J., Groundwater Contaminant Pathways in the Karst Terrain of Southwest Wisconsin. Fiscal Year Program Report. Water Resources Center, University of Wisconsin- Madison, pp. 22-27.
- 1990 with Mueller, R.J., The 1990 Speleological Expedition to Spanish Water Hole, Cayo District, Belize, Central America. Technical Report Submitted to the Commissioner of Archaeology. Belmopan, Belize, Central America, 18p.
- 1989 with Day, M.J. and Urich, P.B., Potential Utilization of Camaro Spring as an Agricultural Water Supply. Technical report prepared for the Department of Agriculture. Batuan, Bohol, Philippines. 11p.
- 1989 with Crawford, N.C., Groundwater Contamination in Warren County, Kentucky: Nonpoint Source Pollution. Warren County Comprehensive Plan: Technical Volume. Western Kentucky University. pp. 173-204.
- 1989 with Crawford, N.C., Toxic and Explosive Fumes Resulting From Contaminated Groundwater Flow Through the Caves Under Bowling Green, Kentucky. Effectiveness of Storm Water Drainage Wells in Reducing Sinkhole Flooding in Bowling Green, Kentucky. Final Report Prepared for the City of Bowling Green, Municipal Order 85-83. Center for Cave and Karst Studies, Western Kentucky University. 278 p.
- 1989 with Crawford, N.C., Toxic and Explosive Fumes Resulting From Contaminated Groundwater Flow Through the Caves Under Bowling Green, Kentucky. Nonpoint Source Pollution of the Karst Aquifer Under Bowling Green, Kentucky. Final Report Prepared for the City of Bowling Green, Municipal Order 85-83. Center for Cave & Karst Studies, Western Kentucky Univ. 38p.
- 1988 with Crawford, N.C., Toxic and Explosive Fumes Resulting From Contaminated Groundwater Flow Through the Caves Under Bowling Green, Kentucky, Part IX, The Use of Video Well-Logging in Bowling Green, Kentucky. Status Report Prepared for the City of Bowling Green, Municipal Order Number 85-83. by the Center for Cave and Karst Studies, Western Kentucky University. 44p.

UNREFEREED:

- 2005 with Florea, L., Fratisi, S., Yeullig, A., The 2004 Vaca Plateau Geoarchaeology Expedition (Belize). National Speleological Society News. Volume 63, No. 7. pp. 9-17.
- 2001 with Webster, James. Caver Participation in Historic Cave of Letters Expedition. National Speleological Society News, Vol. 59, No. 1. pp. 16-18.
- 2000 with James Webster, Vaca Plateau Geoarchaeology Project Celebrates its Tenth Year. National Speleological Society News. Volume 58, No. 4, pp. 100-105.
- 1994 Cave Exploration and Mapping on the Northern Vaca Plateau, Belize, Central America. National Speleological Society News. Volume 51, No. 11. pp. 296-300.
- 1990 with Day, M. and Huppert, G., The Fiftieth Anniversary Meeting of the Cuban Speleological Society. The National Speleological Society News. Volume 53, No. 8. pp. 210-211.
- 1990 The Camaro Cave Project: Batuan, Bohol, the Philippines. Geo2. The Geography and Geology Section of the National Speleological Society. Volume 18, No. 1. pp. 104.

- 1990 The Discovery, Exploration and Mapping of Sullivan's Cave: Bowling Green, Kentucky. The National Speleological Society News. Volume 48, No. 3. pp. 64-69.
- 1989 with Day, M.J. and Urich, P.B., The Caves and Karst of Batuan, Bohol, Philippines. The National Speleological Society News. Volume 47, No. 12. pp. 292-295.
- 1988 The Discovery and Exploration of Cueva De Los Pliegues (Cave of the Folds), Oaxaca, Mexico. The Green River Review. Green River Grotto of the National Speleological Society. Vol. 15. pp. 9-11.

EDITOR:

- 2018 Dead Sea: New Discoveries in the Cave of Letters. Edited by Savage, C., Reeder, P., Jol, H. and Freund, R., Peter Lange Publishing, New York. (Publication date January 2018)

FIELDWORK AND RESEARCH EXPERIENCE:

- 2014-2021 Geoarchaeological Investigations at the Site of the Great Synagogue of Vilnius, Ponar Forest, and HKP Internment site, Vilnius, Lithuania, and the Jewish Ghetto in Warsaw Poland.
- 2014-16 Geoarchaeological Investigations at the Grand Master's Palace, Church of the Victory, Kahal Shalom, Kahal Grande, and the Ottoman School in Rhodes, Greece.
- 2014-16 Geoarchaeological investigations at Mary's Cave, Mary's Well and the Church of the Annunciation (Greek Orthodox) in Nazareth, Israel.
- 2012 Geoarchaeological research at Mary's Well in Nazareth, Israel and Tel Yavne, Israel
- 2009 Paleoenvironmental Reconnaissance on Jeju Island, South Korea, in cooperation with the Korean Speleological Society, November 8-11.
- 2009 Geoarchaeological mapping research at Bethsaida, Israel, University of Nebraska at Omaha.
- 2009 Geoarchaeological and mapping research at Donana National Park and the Cerro Bartolo Archaeological Site in Spain, in cooperation with the Maurice Greenberg Center for Judaic Studies, The University of Hartford.
- 2008 Geoarchaeological and mapping research at an as yet to be named archaeological site in Unitedville, Belize, in cooperation with the staff of the Lower Dover Field Station, Unitedville, Belize.
- 2008 Geoarchaeological and geophysical research at the Sobibor Nazi Extermination Camp in Sobibor, Poland, in cooperation with the Sobibor Museum of Poland, the Maurice Greenberg Center for Judaic Studies at the University of Hartford, and the Ben Gurion University of the Negev, Israel.
- 2008 Led a multidisciplinary research expedition to the Northern Vaca Plateau, Belize, Central America.
- 2007 Geoarchaeological research in the Sinai Region in Israel: Search for the real Mt. Sinai, in cooperation with the Har Karkaom Archaeological Project (Italy) Expedition to Israel.
- 2007 Led a multidisciplinary research expedition to the Northern Vaca Plateau, Belize, Central America.

- 2006 Led a multidisciplinary research expedition to the Northern Vaca Plateau, Belize, Central America. 2006 Geoarchaeological research at Tel Yavne, Israel.
- 2005 Principal Investigator on a project studying the privatization of the Belize City, Belize water and sewer systems.
- 2005 Geoarchaeological research at Mary's Well in Nazareth, Israel and Tel Yavne, Israel
- 2005 Geoarchaeological research at Blanca de los Iglesia and Castilla de Burgos, Spain
- 2005 Led a multidisciplinary research expedition to the Northern Vaca Plateau, Belize, Central America.
- 2004 Principal Investigator on a project studying the privatization of the Belize City, Belize water and sewer systems.
- 2004 Led a multidisciplinary research expedition to the Northern Vaca Plateau, Belize, Central America.
- 2003 Geoarchaeology of the Yavne and Mary's Well Archaeological Sites, Israel.
- 2003 Led a multidisciplinary research expedition to the Northern Vaca Plateau, Belize, Central America.
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- 2001 Led a multidisciplinary research expedition to the Northern Vaca Plateau, Belize, Central America.
- 2001 Geoarchaeology of the Qumran Archaeological Site, Israel.
- 2000 Geoarchaeology of Cave of Letters in the Judean Desert of Israel.
- 2000 Led a multidisciplinary research expedition to the Northern Vaca Plateau, Belize, Central America.
- 1999 Led a multidisciplinary research expedition to the Northern Vaca Plateau, Belize, Central America. 1999 Geoarchaeology of Cave of Letters in the Judean Desert of Israel.
- 1998 Led a multidisciplinary research expedition to the Northern Vaca Plateau, Belize, Central America.
- 1997 Global Environmental Change in the Himalaya of Pakistan.
- 1997 Environmental constraints in reforestation in the cone karst of Bohol, the Philippines.
- 1997 Led a multidisciplinary research expedition to the Northern Vaca Plateau, Belize, Central America.
- 1996 Environmental constraints in reforestation in the cone karst of Bohol, the Philippines.
- 1996 Led a multidisciplinary research expedition to the Northern Vaca Plateau, Belize, Central America.
- 1995 Led a multidisciplinary research expedition to the Northern Vaca Plateau, Belize, Central America.
- 1994 Agriculturally derived groundwater contamination in the Cayo District, Belize, Central America as part of a United States Man and the Biosphere Grant.

- 1994 Led an expedition to the northern Vaca Plateau, Cayo District, Belize, Central America to map and explore a new surface archaeological site and cave system.
- 1994 Fulbright Scholarship to Peru, South America to conduct environmental workshops for Peruvian educators and to conduct environmental contamination and geoarchaeological research.
- 1993 Led an expedition to the northern Vaca Plateau, Cayo District, Belize, Central America which mapped caves and the spatial distribution of surface and subsurface artifacts.
- 1993 - 1997 Cave formation, limestone petrology, soils and landscape evolution in Florida.
- 1990 -1992 Slope processes and soil formation in glacial outwash in Wisconsin.
- 1992 Led an expedition to the Northern Vaca Plateau in Belize, which mapped the spatial distribution of surface and subsurface Mayan artifacts.
- 1991 – 1992 Groundwater, soils and environmental contamination research in the Driftless Area of Wisconsin.
- 1991 Led an expedition to the northern Vaca Plateau, Cayo District, Belize, Central America which gathered data about area hydrogeology and mapped caves and the spatial distribution of Mayan artifacts found in caves.
- 1990 Conducted research on shifting agriculture and soil development and fertility in the limestone soils in the karst lowlands of Belize, Central America.
- 1990 Led an expedition to the northern Vaca Plateau, Cayo District, Belize, Central America which assessed area hydrogeology and explored and mapped a previously unexplored cave system.
- 1990 Delegate to the 50th Anniversary International Congress of the Cuban Speleological Society which involved the exchange of field techniques and philosophies in classroom and field sessions.
- 1989 Research in cooperation with the Philippine Department of Agriculture to study the feasibility of using subsurface reservoirs as agricultural water supplies.
- 1989 Reconnaissance in the northern Vaca Plateau region of the Cayo District, Belize Central America to assess area geology and hydrology.
- 1988 – 1989 The mining of lead from caves in the Driftless Area of Wisconsin.
- 1988 Sinkhole formation and morphology in Southwest Wisconsin.
- 1988 Explorers Club sponsored expedition to the Huautla Plateau, Oaxaca, Mexico to explore and study the Systema Huautla Cave System's geology and hydrology.
- 1988 - 1989 Groundwater contamination, sinkhole flooding, and storm water runoff removal in Bowling Green, Kentucky.

GRADUATE THESES AND DISSERTATIONS SUPERVISED:

- 2015 A New Perspective on Dissolution Kinetics and Speleogenesis, Bryan Booth, **Doctoral Dissertation** in Geography & Environmental Science & Policy, University of South FL. (Completed December 2015)

- 2013 The Role of Farmers' Markets in Reversing Food Deserts, Master's Thesis in Environmental Science and Policy by Leslie Babiak, University of South Florida. (Completed June 2013)
- 2012 The Impacts of Population Density and Miles of Coastline on Marine Debris, Master's Thesis in Environmental Science and Policy by Melisa Brogle, Univ. South Florida. (Completed May 2012)
- 2011 Ecological Relationships and Patterns in a Wetland Strand Restoration Colt Creek, FL, Master's Thesis in Environmental Science and Policy by Mark Hurst, University of South Florida. (Completed 05/11)
- 2010 The Effect of an Environmental Education Field Trip on Cognitive and Affective Learning in a Rural, Andean Town in Mollepata, Peru, Master's Thesis in Environmental Science and Policy by Luisella De Angeles, University of South Florida. (Completed May 2010)
- 2010 Coastal Landform Development and Evolution in Citrus County, Florida, Master's Thesis in Geography by Peter Novitsky, University of South Florida. (Completed May 2010)
- 2009 Relationships Between Water Quality and Land Use in the Alaphia Watershed in Florida, Master's Thesis in Environmental Science and Policy by Jennifer Kabat, University of South Florida. (Completed December 2009)
- 2009 Water Quality Effects of a Constructed Wetland: Bullfrog Creek Wetland Florida, Master's Thesis in Environmental Science and Policy by Sarah Malone, University of South Florida. (Completed December 2009)
- 2007 A Cave Resource Assessment of the Withlacoochee State Forest in West-Central, Florida, Master's Thesis in Geography by Grant Harley, University of South Florida. (Completed December 2007)
- 2007 The Historical Production of Elemental Phosphorus in Pinellas County, FL; an Environmental Risk Assessment, Master's Thesis in Geography by Stephen Robinson, U. of South FL. (Comp. August 2007)
- 2006 Using GIS to Analyze the 100-Year Flood in the Avon Park Watershed, Highland County, Florida, Master's Thesis in Geography by Alan Booker, University of South Florida. (Completed May 2006)
- 2006 An Analysis of Florida Springs, Master's Thesis in Geography by Curt Walker, University of South Florida. (Completed May 2006)
- 2002 An Analysis of Impacts of Land Use Change and Greenspace on Runoff Rates in an Urbanized Watershed, Master's Thesis in Geography by Kelly Niemeyer, University of Nebraska at Omaha (Completed May 2002).
- 2002 Land Use and Water Quality in the Little Papio Creek Watershed, Omaha, Nebraska, Master's Thesis in Geography by Steve Bartosh, University of Nebraska at Omaha (Completed May 2002).
- 2002 Biowaste Disposal and Composting in Omaha, Master's Thesis in Geography by Heather Ramig, University of Nebraska at Omaha (Completed May 2002).
- 2002 Paleoenvironmental Conditions on the Beteiha Plain in Northern Israel, Master's Thesis in Geography by James West, University of Nebraska at Omaha (Completed May 2002)
- 1999 Lead Contamination in Soil in Belize, Central America, Master's Thesis in Geography by Lauren Shapiro, University of Nebraska at Omaha (Completed August 1999).

- 1999 Surface Water Quality near Springfield, Nebraska, Master's Thesis in Geography by Maggie Livingston, University of Nebraska at Omaha (Completed August 1999).
- 1999 The Petrology of Building Stones Used by the Ancient Maya at the IX Chel Archaeological Site, Belize. Senior Undergraduate Thesis in Geology by Melissa Milner, University of Nebraska at Omaha (Completed May 1999).
- 1998 The Socio-Economic Implications of Land Use in Belize, Central America. Master's Thesis in Geography by Jean Vincent, University of Nebraska at Omaha (Completed August 1998).
- 1997 Post Depositional Weathering of Cave Sediments in Berry Cave, Pulaski County Missouri. Master's Thesis in Geography by Melissa Milner, University of Nebraska at Omaha (Completed May 1997).
- 1997 Surface and Groundwater Quality in Sarpy County Nebraska, Master's Thesis in Geography by Jay Parsley, University of Nebraska at Omaha (Completed May 1997).

PROJECT OPTION AND INTERNSHIP REPORT SUPERVISION:

- 2012 Service Learning Project in Biodiversity at the Learning Gate School, Tampa, Florida, Sean Gross, Undergraduate Internship in Environmental Science and Policy, University of South Florida. (Completed December 2012)
- 2012 Water Quality on the USF Campus, Bradley Dalton, Undergraduate Internship in Environmental Science and Policy, University of South Florida. (Completed May 2012)
- 2010 Common Wetland Plants & Communities of SW Florida, Internship Report in Environmental Science and Policy by Jennifer Ascani, University of South Florida. (Internship report approved August 2010)
- 2009 Invasion of *Hymenachne amplexicaulis* in Florida's public waterbodies: Implications for resource managers, Project Report in Environmental Science and Policy by Danielle Schobl, University of South Florida. (Project report approved May 2009)
- 2008 Disaster Management and Climate Change in the Caribbean Context: A Comparison in Vulnerability Reduction Strategies, Project Report in Environmental Science and Policy by Johan Gonzalez, University of South Florida. (Project report approved May 2008)
- 2008 Invasive Plants in Fairfax County Virginia, Internship Report in Environmental Science and Policy by Geoff Fouad, University of South Florida. (Internship report approved December 2008)
- 2005 Sinkholes and Land Use in Pasco County Florida, Internship Report in Geography by Jeremy Edwards, University of South Florida. (Internship report approved December 2005)
- 2005 GIS-Based Analysis of the Impact of Hurricanes: A Case Study of Opal, Fran and Bonnie, Internship Report in Geography by Russell Peterson, Univ. of South FL. (Internship report approved April 2005)

GRADUATE THESES, PROJECT, AND DISSERTATION COMMITTEE MEMBERSHIPS:

- 2015 Mid-Holocene Spelothem Climate Proxy Records from Florida and Belize, **Doctoral Dissertation** in Geography and Environmental Science and Policy by Anna Leach, University of South Florida. (Completed May 2015)

- 2013 Perceptions of a New World Heritage Site in St. Lucia. MS Degree in Environmental Science and Policy by Vernice Camilla Hippolyte, University of South Florida. (Completed June 2013).
- 2012 Relative Abundance and Spatial Distribution of Lepomid Sunfishes in the Peace River. MS Degree in Environmental Science and Policy by Justin Heller, University of South Florida. (Completed May 2012).
- 2011 Yon Mound and Village (8Li2) and the Anatomy of Fort Walton in the Apalachicola River Valley, **Doctoral Dissertation** in Anthropology by Jeffrey Du Vernay, University of South Florida. (Completed May 2011).
- 2011 Environmental Education and the Understanding of Karst Landscapes, **Doctoral Dissertation** in Geography and Environmental Science and Policy by Leslie North, University of South Florida. (Completed August 2011).
- 2011 Wetland Delineation in Archaeological Research, Master of Arts in Anthropology by Zaida Darley, University of South Florida. (Completed August 2011).
- 2009 Inferences from Cave Sediments on the Vaca Plateau, Belize: An Examination of Sedimentation Rates and Carbon Variations, **Doctoral Dissertation** in Geography and Environmental Science and Policy by Jason Polk, University of South Florida. (Completed May 2009).
- 2009 Evaluating Dissolved Oxygen Regimes along a Gradient of Human Disturbance for Lotic Systems in West-Central Florida. MS Degree in Environmental Science and Policy by Daniel Hammond, University of South Florida. (Completed May 2009)
- 2009 Assessing the Performance of Water Bodies in Hillsborough County, Florida Using Data Envelopment Analysis: A Thesis Proposal, MS Degree in Environmental Science and Policy by Geoff Fouad, University of South Florida. (Completed May 2009)
- 2009 Assessment of Mandatory Phosphate Mining Wetland Reclamation in the Peace River Basin, Project Report in Environmental Science and Policy by Michelle Harmeling, University of South Florida. (Project report approved September 2009)
- 2007 The development and impacts of land use regulation in karst terrains, **Doctoral Dissertation** in Geography and Environmental Science and Policy by Spenser Fleury, University of South Florida. (Completed December 2007).
- 2007 Examining the Effects of Urbanization on the Karst Terrain of Pasco and Pinellas Counties, Florida, MS Degree in Environmental Science and Policy by Leslie North, University of South Florida. (Completed August 2007).
- 2004 Small Drainage Basins and the Probable Maximum Flood, Master's Thesis in Geography by Philip Ranalli, University of South Florida. (Completed in June 2004).
- 2003 The Biogeomorphology of the Jamaican Cockpit Country, **Doctoral Dissertation** in Geography by Sean Chenoworth, University of Wisconsin-Milwaukee (Completed in May 2003)
- 2000 The Tourism Industry in Belize, Master's Thesis in Geography by Joseph Rath, University of Wisconsin-Milwaukee (Completed May 2000)
- 2000 Vegetation and Soil Relationships of Interdunal Depression in the Nebraska Sandhills Prairie, Master Thesis in Biology by Danica Kochis-Belleque, University of Nebraska at Omaha (Completed May 2000)

- 2000 Protected Karst Areas in the Caribbean and Central America, Master's Thesis in Geography by Jeff Keuny, University of Wisconsin-Milwaukee (Completed May 2000)
- 1999 Evapotranspiration from Constructed Wetlands, Master's Thesis in Geography by Gary Shaw, University of Nebraska at Omaha (Completed August 1999)
- 1997 Hillslope Forms and Morphogenesis of Tower Karst in Southwest China, **Doctoral Dissertation** in Geography by Tao Tang, University of Wisconsin-Milwaukee (Completed May 1997)
- 1997 Roman Roads of the Upper Galilean Region: Relationships to Natural Migratory Routes, Master's Thesis in Geography by April Whitten, University of Nebraska at Omaha (Completed May 1997)
- 1996 A Comparison of Vegetation in Restored and Natural Wetlands in the Nebraska Sandhills, Master's Thesis in Biology by Warren Weaver, University of Nebraska at Omaha (Completed August 1996)
- 1995 Aspects of Karst Geomorphology of the Northern Vaca Plateau, Cayo District, Belize, Central America, Master's Thesis in Geography by Ed Alt, University of Wisconsin-Milwaukee (Completed May 1995).
- 1995 The Relationship Between Cave Passage Sinuosity of Surface Valley Development in the Driftless Area of Wisconsin, Master's Thesis in Geography by Craig Terlau, University of Wisconsin-Milwaukee (Completed August 1995).

PRESENTATIONS AND MEETING SESSION CHAIR:

INTERNATIONAL MEETINGS:

- 2016 Reeder, Philip P., Mapping the Greater Mary's Well and the Greek Orthodox Church: 2003-2015. Nazareth Archaeology, History and Culture Conference, Nazareth, Israel. August 3-5.
- 2009 Mapping the Land of Israel: Excavations Sites of the Cave of Letters, Qumran, Nazareth and Yavne (Closing Keynote Address). The 25th Anniversary Conference on the Land of Israel. Nof Ginosaur, Israel, July 5-8.
- 2005 Mapping at Qumran: The 2001 and 2002 seasons, The Land and People Conference, Shrine of the Book, Israel Museum, Jerusalem, Israel, July 2005
- 2002 with Jol, H.M., Broshi, M., Eshel, H., Freund, R.A., Shroder, Jr., J.F., and Dubay, R. GPR investigations at Qumran, Israel: site of the Dead Sea Scrolls Discovery. Ninth International Conference on Ground Penetrating Radar, Edited by S.K. Koppenjan and H. Lee, April 29 – May 2, Santa Barbara, CA, Proceedings of SPIE (The International Society for Optical Engineering), Vol. 4758: 91-95.
- 2001 Mapping the Cave of Letters. Society of Biblical Literature International Meeting, Gregorian University, Rome, Italy, July 2001.
- 2000 with Jol, H.M., Schroder, J.F. and Freund, R.A. Return to the Cave of Letters (Israel): a ground penetrating radar archaeological expedition. Proceedings of the Eighth International Conference on Ground Penetrating Radar (GPR 2000), Edited by D.A. Noon, G.F. Stickley and D. Longstaff, May 23-26, Gold Coast, Australia, SPIE Vol. 4084: 882-886.
- 1998 with Colas, P., Patterns of Ritual Cave Utilization by the Maya on the Northern Vaca Plateau, Belize, Central America. Friends of Karst Meeting, September 23-25, Mammoth Cave, Kentucky.

- 1997 Karstification on the Northern Vaca Plateau, Belize. Interdisciplinary Conference on Belize, March 6-8, Belize City, Belize.
- 1995 IX CHEL: A New Archaeological Discovery on the Northern Vaca Plateau in Belize. Interdisciplinary Conference on Belize, March 3-5, Jacksonville, Florida.
- 1993 Speleological and Geoarchaeological Investigations on the Northern Vaca Plateau, Belize, Central America. Interdisciplinary Conference on Belize, March 4-6, Jacksonville, Florida.
- 1993 with Day, M.J., The Seasonality of Chloride and Nitrate Contamination in the Southwestern Wisconsin Karst. Proceedings of the Fourth Multidisciplinary Conference on Sinkholes and the Engineering and Environmental Impacts of Karst, Balkema Press, Rotterdam, pp. 53- 61.
- 1989 with Crawford, N.C., Potential Groundwater Contamination of an Urban Karst Aquifer: Bowling Green, Kentucky. Proceedings of the Third Multidisciplinary Conference on Sinkholes and the Engineering and Environmental Impacts of Karst. Balkema Press, Rotterdam, Holland, pp. 197-206.
- 1989 with Day, M.J., Sinkholes and Land Use in Southwestern Wisconsin. Proceedings of the Third Multidisciplinary Conference on Sinkholes and the Engineering and Environmental Impacts of Karst. Balkema Press, Rotterdam, Holland, pp. 107-113.
- 1989 with Day, M.J., Lead Mining of Caves in Southwestern Wisconsin and Northwestern Illinois, U.S.A. Presented at the 10th International Speleological Congress, August 12-18, Budapest, Hungary, Proceedings pp. 137-139.

NATIONAL MEETINGS:

- 2017 McClymont, A., Bauman, P., Freund, R., Seligman, J., Jol, H.M. Bensimon, K., and Reeder, P., The forgotten Holocaust in Lithuania – Geophysical investigations at the Ponary extermination site. Symposium on the Application of Geophysics to Engineering and Environmental Problems (SAGEEP), 30th Anniversary, March 19-23, Denver, CO. (Best Talk of Conference/4)
- 2017 Bauman, P., McClymont, A., Freund, R., Seligman, J., Jol, H.M. and Reeder, P., Geophysical investigations at the Great Synagogue and Rasu Prison of Vilna, Lithuania: Symposium on the Application of Geophysics to Engineering and Environmental Problems (SAGEEP), 30th Anniversary, March 19-23, Denver, CO. (Best Talk of Conference/4)
- 2017 Burds, L., Jol, H.M., Mataitis, R.J., Beck, J., Freund, R.A., Bauman, P., McClymont, A.F., and Reeder, P.P., The mass grave at Kaunas Fort VII, Lithuania: Geological Society of America, 129th Annual Meeting, October 22-25, Seattle, WA, Abstracts with Program, v. 49 (6), doi: 10.1130/abs/2017AM-306770.
- 2017 Seamans, J.M., Jol, H.M., Wavrin, T.A., Erickson, J.S., Kleinschmidt, A.S., Freund, R.A., and Reeder, P.P., Discovering a Holocaust era escape tunnel: GPR investigation at Ponar, Lithuania. Association of American Geographers, 112th (2017) Annual Meeting, Boston, MA, April 4-9.
- 2016 Jol, H.M., Wavrin, T.A., Seamans, J.M., Erickson, J.S., Kleinschmidt, A.S., Freund, R.A., Reeder, P.P. Seligman, J., and Daubaras, M., Geoarchaeological and geomorphic ground penetrating radar investigations in Lithuania: High impact undergraduate research experiences – University of Wisconsin-Eau Claire’s International Fellows Program: Geological Society of America, 128th Annual Meeting, September 25-28, Denver, CO, Abstracts with Program, v. 48 (7), doi: 10.1130/abs/2016AM-285735.

- 2009 Zaida Darley and Philip Reeder, Understanding Bajos in Mesoamerica, Poster Session Mesoamerica, Caribbean and Survey Methods, Society for American Anthropology, Atlanta, Georgia, April 22-26.
- 2008 Jacob M McDonald, Harry M Jol, Philip Reeder, Richard Freund, and Emmanuel Anati, Ground penetrating radar aided archaeological survey on Har Karkom (Mt. Sinai?), Israel, Association of American Geographers, 104th (2008) Annual Meeting, Boston, MA, April 15-19.
- 2007 Pascal, E., Jol, H.M., Freund, R.A., Reeder, P.P., and Bauman, P.D., GPR Investigation of Archaeological Sites: Preliminary Results from Tel Yavne and Appollonia, Israel. Association of American Geographers, 103rd (2007) Annual Meeting, San Francisco, CA, April 17-21, Annual Meeting Abstracts (CD-ROM).
- 2007 Brinkmann, R., Reeder, P. and van Beynen, Characteristics of the Western Edge of the Brooksville Ridge, Florida, Association of American Geographers, 103rd (2007) Annual Meeting, San Francisco, CA, April 17-21, Annual Meeting Abstracts (CD-ROM).
- 2007 Harley, G.L. and Reeder, P. P., Determining the Sensitivity and Disturbance of Terrestrial Caves in West-Central Florida: An Inventory of Public and Private Cave Systems. National Speleological Society Convention Program Guide, P. 112.
- 2007 Harley, G.L. and Reeder, P.P., Analysis of Cave Sediments from Jennings Cave, Marion County, Florida: Geomorphic Implications. Association of American Geographers, 103rd (2007) Annual Meeting, San Francisco, CA, April 17-21, Annual Meeting Abstracts (CD-ROM).
- 2006 Bode, J., Jol, H., Bauman, P., Nahas, C., Fischer, M., Reeder, P. and Freund, R., GPR and ERT Investigation of a Coastal Archaeological Site: Yavne Yam, Israel, 102nd Annual Meeting of the Association of American Geographers, Chicago, IL, March 7-11.
- 2006 Water Resource Utilization at the Qumran Archaeological Site, Israel, 29th Applied Geography Conference, Tampa, Florida, October 11-14.
- 2006 Nahas, C., Bauman, P., Jol, H., Reeder, P., and Freund, R., Geophysical Investigations at Coastal Archaeological Sites in Israel, Symposium on the Application of Geophysics to Environmental and Engineering Problems (SAGEEP), Seattle, WA, April 2-6.
- 2006 Jol, H., M., Bode, J., Freund, R., Darawsha, M., Bauman, P., Nahas, C., Reeder, P., Savage C. and Syon, D., Nazareth Excavations Project: GPR Perspective, Symposium on the Application of Geophysics to Environmental Engineering Problems (SAGEEP), Seattle, WA, April 2-6.
- 2005 Microclimatic Variation and Patterns of Cave Use at Cave of Letters, Israel, 28th Applied Geography Conference, Washington D.C., November 2-5.
- 2005 with Polk, Jason and van Beynen, Philip, Paleoclimate Inferences in Belize: Carbon 13 Isotope Variations in Cave Sediments, Geological Society of America National Conference, Salt Lake City, Utah, October 16-19.
- 2004 with Jol, H., Bauman, P. and Freund, R., Geoarchaeological Research at the Cave of Letters, Israel, 27th Applied Geography Conference, St. Louis, Missouri, October 20-24.

- 2004 Session Chair, Cartography and Remote Sensing II Session, Applied Geography Conference, St. Louis, Missouri, October 20-24.
- 2004 with Frenz, B. (Presenter), Jol, H., Freund R., Bauman, P., Parker, Goren, A., Selavan, B.L., and Willner, D., Searching for the Ancient Jewish City of Yavne – A Geophysical Survey of Tel Yavne, Israel (Poster Session in Energy, Geomorphology, Biogeography, 100th Annual Meeting of the Association of American Geographers, Philadelphia, Pennsylvania, March 13-19.
- 2003 Passow, R.H., Jol, H.M., Freund, R.A., Savage, C.E., and Reeder, P., Ground penetrating radar and global positioning system: archaeological aids at Qumran, Israel. Association of American Geographers, 99th Annual Meeting, New Orleans, LA, March 4-8.
- 2002 Jol, H.M., Bauman, P., Jol, H., Freund, R., Shroder, J., Reeder, P., Archaeological investigations in the Cave of Letters, The Qumran Cemetery, and Bethsaida. Symposium on the Application of Geophysics to Engineering and Environmental Problems, The Annual Meeting for EEGS, February 10-14, Las Vegas, NV.
- 2002 Jol, H.M., Freund, R.A., Broshi, M., Eshel, H., Shroder, Jr., J.F., Reeder, P. and Dubay, R., 2002. The GPR of caves and cemeteries: what we can and cannot do. The 4th Annual Batchelder Biblical Archaeology Conference, University of Nebraska at Omaha, October 24-26, Omaha, NE.
- 2002 Bauman, P., Jol, H., Freund, R., Shroder, J., and Reeder, P., Archaeogeophysical Investigations in the Cave of Letters, Qumran and Bethsaida. Symposium on the Application of Geophysics to Engineering and Environmental Problems, The Annual Meeting for EEGS, February 10-14, Las Vegas, NV.
- 2001 Mapping the Cave of Letters, Israel, Annual Meeting of the American Schools of Oriental Research, November 14-18, Boulder, Colorado.
- 2001 Jol, H.M., Shroder Jr., J.F., Freund, R.A. Reeder, P., Ground penetrating radar studies within the Cave of Letters: Geomorphology and Archaeology. Association of American Geographers, 97th Annual Meeting, New York, February 27 – March 3, New York, New York.
- 2000 with Shroder, H.F. Jr., Bauman, P., Jol, H., Webster, J., Roof-fall geoarchaeology of the Cave of letters, Judean Desert, Israel. Geological Society of America, Annual Meeting and Exposition Abstracts, Reno, NV, November 9-18, 32(7): A-263.
- 1997 Pattern of Pre-Columbian Cave Utilization on the Northern Vaca Plateau, Belize, Annual Meeting of the Association of American Anthropologists, November 19-22, Washington D.C.
- 1997 Cave Pattern and Maya Cave Use on the Northern Vaca Plateau, Belize, The 20th Annual Applied Geography Conference, November 12-15, Albuquerque, New Mexico.
- 1996 with Urich, Peter, Environmental Constraints in Reforestation in Tropical Cone Karst, The 19th Annual Applied Geography Conference, October 16-19, Kansas City, Missouri.
- 1996 The Use of Down-Hole Video to Study Carbonate Aquifer Hydrology. Association of American Geographers Annual Meeting, Charlotte, North Carolina, April 9-13, Program with Abstracts p. 247.
- 1992 The Impact of Agriculture on Groundwater Quality in Southwest Wisconsin, USA. The 1992 Friends of Karst Meeting, Cookeville, Tennessee, Program with Abstracts, p. 34.

- 1991 Natural and Cultural Landscape Interactions in the Karst of Batuan, Bohol, The Philippines. The National Cave Management Symposium, The American Cave Conservation Association, Annual Meeting October 23-26, Bowling Green, Kentucky, Guidebook p. 8.
- 1991 Groundwater Contamination in Bowling Green, Kentucky. Presented at the 50th Annual Meeting of the National Speleological Society, July 1-5, Cobleskill, New York, Program p. 60.
- 1991 Water Quality, Quantity and Land Degradation in the Karst of Batuan, Bohol, The Philippines. Presented at the 50th Meeting of the National Speleological Soc., July 1-5, Cobleskill, New York, program p. 59.
- 1991 The 1990 and 1991 Speleological Expeditions to the Northern Vaca Plateau, Belize, Central America. Presented at the 50th Annual Meeting of the National Speleological Society, July 1-5, Cobleskill, New York, p. 62.
- 1990 with Day, M. and Huppert, G., The Fiftieth Anniversary of the Cuban Speleological Society. The 11th Friends of Karst Meeting, Program with Abstracts in Geo2. Volume 17, No. 3. p. 83.
- 1990 Cave Exploration in the Northern Vaca Plateau, Belize, Central America. The 11th Friends of Karst Meeting, Program with Abstracts in Geo2. Volume 17, No. 3. p. 83.
- 1990 Preferential Dissolution of a Carbonate Aquifer: A Kentucky Example. Annual Association of American Geographers National Meeting, Toronto, Canada, Program and Abstracts, p. 203.
- 1989 with Day, M.J., The Dolomite Karst of Southwestern Wisconsin. Presented at the 48th Annual Meeting of the National Speleological Society, July 31-August 4, Sewanee, Tennessee, Program pp. 49-50.
- 1989 with Day, M.J., The Mining of Lead from Caves in Southwestern Wisconsin: An Historical and Geologic Perspective. Presented at the 48th Annual Meeting of the National Speleological Society, July 31-August 4, Sewanee, Tennessee, Program p. 61.
- 1989 with Day, M.J. and Urich, P.B., The Caves and Karst of Batuan, Bohol, Philippines. Presented at the 48th Annual Meeting of the National Speleological Society, July 31-August 4, Sewanee, TN, Program p. 65.
- 1988 with Crawford, N.C., Urban Storm Water Runoff Removal: Bowling Green, Kentucky. Proceedings of the Second Conference of Environmental Problems in Karst Terrains and Their Solutions. National Association of Groundwater Scientists and Engineers. p. 69-95.
- 1988 with Crawford, N.C., Sullivan's Caverns: Bowling Green, Kentucky. 47th Annual Meeting of the National Speleological Society, Hot Springs, South Dakota, June 27-July 1.
- 1988 with Crawford, N.C., Removal of Urban Stormwater Runoff: Bowling Green, Kentucky." 47th Annual Meeting of the National Speleological Society, Hot Springs, South Dakota, June 27-July 1.
- 1987 with Crawford, N.C., Use of Video Well-Logging in a Karst Aquifer, Bowling Green, Kentucky. Presented at the 46th Annual Meeting of the National Speleological Society, August 3-7, Sault Ste. Marie, Michigan.

- 1986 with Crawford, N.C., The Utilization of Geologic Structure for the Removal of Storm Water Runoff in Bowling Green, Kentucky. National Speleological Society Annual Meeting, June 23-27, Tularosa, New Mexico, Program p. 39.

REGIONAL MEETINGS:

- 2017 Jol, H.M., Freund, R.A., Reeder, P.P., Erickson, J.S., Wavrin, T.A., Kleinschmidt, A.S., and Seamans, J.M., Geoarchaeological investigations at a Holocaust site (Ponar), Lithuania: Subsurface imaging in search for a processing trench and burial pit: Geological Society of America Joint 52nd Northeastern Annual Section and 51st North-Central Annual Section Meeting, March 19-21, Pittsburgh, Pennsylvania, Abstracts with Program v. 49(2), doi: 10.1130/abs/2017NE-291316.
- 2017 Reeder, P.P., Jol, H.M., and Freund, R.A., Combining geophysical and spatial data to locate excavation sites: Geological Society of America Joint 52nd Northeastern Annual Section and 51st North-Central Annual Section Meeting, March 19-21, Pittsburgh, Pennsylvania, Abstracts with Program v. 49(2), doi: 10.1130/abs/2017NE-291023.
- 2017 Wavrin, T., and Jol, H.M. (with Freund, R. and Reeder, P.), Identifying the Great Synagogue of Vilna in Vilnius, Lithuania: 7th Annual Provost's Honors Symposium for Research, Scholarship, and Creative Activity, University of Wisconsin-Eau Claire, May 5, p. 22-23.
- 2017 Seamans, J., Wavrin, T., Erickson, J., Kleinschmidt, A., and Jol, H. (with Freund, R. and Reeder, P.), Discovering a Holocaust Era Escape Tunnel: GPR investigation at Ponar, Lithuania: Celebration of Excellence in Research and Creative Activity (25th Annual Student Research Days). University of Wisconsin-Eau Claire, May 3-4, Abstracts of Student Presentations, p. 74.
- 2017 Kleinschmidt, A., Erickson, J., Seamans, J., Wavrin, T., and Jol, H. (with Freund, R. and Reeder, P.), Locating Jacob Gens: A subsurface geophysical investigation in Rasu Prison, Vilnius, Lithuania: Celebration of Excellence in Research and Creative Activity (25th Annual Student Research Days). University of Wisconsin-Eau Claire, May 3-4, Abstracts of Student Presentations, p. 77.
- 2017 Seamans, J., and Jol, H. (with Freund, R. and Reeder, P.), Ground penetrating radar as a method for archaeological investigation: Rhodes, Greece: Celebration of Excellence in Research and Creative Activity (25th Annual Student Research Days). University of Wisconsin-Eau Claire, May 3-4, Abstracts of Student Presentations, p. 75.
- 2017 Wavrin, T., Jol, and H.M. (with Freund, R. and Reeder, P.), Identifying the Great Synagogue of Vilna in Vilnius, Lithuania: Celebration of Excellence in Research and Creative Activity (25th Annual Student Research Days). University of Wisconsin-Eau Claire, May 3-4, Abstracts of Student Presentations, p. 76.
- 2016 Kleinschmidt, A.S., Erickson, J.S., Seamans, J.M., Wavrin, T., Jol, H.M., Freund, R.A., and Reeder, P.P., 2016. Locating Jacob Gens: A subsurface geophysical investigation in Rasu Prison, Vilnius, Lithuania: 25th Annual EOA National McNair Research Conference and Graduate Fair, October 28-30, Delavan, WI, p. 96.
- 2016 Seamans, J., Jol, H., Freund, R., and Reeder, P., High frequency GPR investigation at Kahal Grande, Greece: Celebration of Excellence in Research and Creative Activity (24th Annual Student Research Days). University of Wisconsin-Eau Claire, April 27-28, Abstracts of Student Presentations, p. 70.

- 2016 Wavrin, T., Jol, H., Freund, R., and Reeder, P., Identifying the Great Synagogue of Vilnius, Lithuania with ground penetrating radar: Celebration of Excellence in Research and Creative Activity (24th Annual Student Research Days). University of Wisconsin-Eau Claire, April 27-28, Abstracts of Student Presentations, p. 70.
- 2016 Wavrin, T. and Jol, H. (with Freund, R. and Reeder, P.), Identifying the Great Synagogue of Vilnius, Lithuania with ground penetrating radar: 2nd WiSys Quick Pitch, WiSys Technology Foundation, University of Wisconsin – Eau Claire, April 25., Program, p. 2
- 2016 Seamans, J.M., Jol, H.M., Wavrin, T.A., Erickson, J.S., Kleinschmidt, A.S., Freund, R.A., Reeder, P.P., and Daubaras, M., Discovering a tunnel: GPR investigation at Ponar, Lithuania. American Association of Geographers, Annual Meeting of the West and East Lakes Divisions, Marquette, MI, October 13 - 15, Program. (1st Place Undergraduate Research Poster, West Lakes)
- 2016 Seamans, J.M., Jol, H.M., Freund, R.A., Reeder, P.P., Workman, V., Luczak, J., Foglia, P.R., and Polinsky, R.B., High frequency GPR investigation at Kahal Grande, Greece: Geological Society of America North-Central Section, 50th Annual Meeting, April 18-19, Champaign, IL, Abstracts with Program v. 48(5), doi: 10.1130/abs/2016NC-275539.
- 2015 Jol, H.M., Reeder, P.P., Freund, R.A., Workman, V., Awad, and Garcia, E. A geoarchaeological investigation of Kahal Gadol Synagogue, Rhodes, Greece. West Lakes Division of the Association of American Geographers, 2015 Annual Meeting, Eau Claire, WI, October 15 - 17, Program, p. 4.
- 2015 Pingel, A., Awad, N., Jol, H., Reeder, P., Seligman, J., and Freund, R., 2015. Looking for the Great Synagogue of Vilnius, Lithuania: Ground penetrating radar proof of concept. West Lakes Division of the Association of American Geographers, 2015 Annual Meeting, Eau Claire, WI, October 15 - 17, Program, p. 10.
- 2010 Philip Reeder, Paul Bauman, Brad Hansen, Yoram Haimi, Richard Freund, Marek Bem, Geoarchaeological Research at the Sobibor Nazi Extermination Camp. 46th Annual Meeting of the Florida Society of Geographers, January 15-17, Tampa, Florida.
- 2010 Session Chair, 45th Annual Meeting of the Florida Society of Geographers, January 22-25, Tampa, Florida.
- 2009 Philip Reeder, Grant Harley, Jason Polk and Philip van Beynen, Terrestrial Cave Management Priority, Sensitivity, and Disturbance: A Case Study from West-Central Florida. 45th Annual Meeting of the Florida Society of Geographers, January 22-25, St. Augustine, Florida.
- 2007 with Walker, C. Preliminary Analysis of the Geomorphology of Florida Springs, 43rd Annual Meeting of the Florida Society of Geographers, February 9-10, Jacksonville, Florida.
- 2007 with Harley, Grant (presenter) The Association Between Surface Soils and Cave Sediments in Marion County Florida, 43rd Annual Meeting of the Florida Society of Geographers, February 9-10, Jacksonville, Florida.
- 2007 Session Chair, Karst Topography Session, 43rd Annual Meeting of the Florida Society of Geographers, February 9-10, Jacksonville, Florida.
- 2006 Unraveling a Mystery at Qumran, Israel: A Geographic Approach, 42nd Annual Meeting of the Florida Society of Geographers, February 17-19, St. Petersburg, Florida.

- 2006 Session Chair, Global Issues II Session, 42nd Annual Meeting of the Florida Society of Geographers, February 17-19, St. Petersburg, Florida.
- 2005 Jeremy J. Treague; Harry M. Jol; Timothy G. Fisher; Richard A. Freund; Philip Reeder; Carl Savage; Paul D. Bauman, Three-Dimensional Subsurface GPR Visualization For An Archaeological Site (Qumran, Israel) And A Geomorphic Site (Michigan). North-Central Geological Society of America, Minneapolis, May 2005
- 2002 Micro-Climatic Variations in the Cave of Letters, Israel, Fifty-Sixth Annual Meeting of the Wisconsin Geographical Society, November 8-9, University of Wisconsin-La Crosse.
- 2002 Maya Cave Utilization in West-Central Belize, Central America, West Lakes Regional meeting of the Association of American Geographers, Minneapolis, Minnesota, October 18-19.
- 2002 Session Chair, Nebraska Chapter, National Council for Geographic Education, Nebraska Academy of Science Meeting, April 26th, Lincoln, Nebraska.
- 2001 Long and Short-Term Variation in Micro-Climate at the cave of Letters, Israel. Great Plains/Rocky Mountain Regional meeting of the Association of American Geographers, Omaha, NE, September 27-29.
- 2000 Maya Cave Utilization on the Vaca Plateau, Belize, Central America. Great Plains/Rocky Mountain Regional meeting of the Association of American Geographers, Provo, Utah, September 28-30.
- 2000 Mapping the Cave of Letters, Israel, Nebraska Academy of Science Meeting, April 28th, Lincoln, Nebraska.
- 2000 Session Chair, Nebraska Chapter, National Council for Geographic Education, Nebraska Academy of Science Meeting, April 28th, Lincoln, Nebraska.
- 1999 Variation of Lead Content in Soils in Belize City, Belize, Great Plains/Rocky Mountain Regional meeting of the Association of American Geographers, Colorado Springs, Colorado, September 23-25.
- 1999 Session Chair, Physical Geography Session, Great Plains/Rocky Mountain Regional meeting of the Association of American Geographers, Colorado Springs, Colorado, September 23-25.
- 1999 Reforestation of the Upland Karst in the Bohol Province of the Philippines, Nebraska Academy of Science Meeting, April 23rd, Lincoln, Nebraska.
- 1999 Session Chair, Nebraska Chapter, National Council for Geographic Education, Nebraska Academy of Science Meeting, April 23rd, Lincoln, Nebraska.
- 1998 with Shapiro, L., Poulson, C., Martindale, T., Myers, D., Hill, A., and Deane, R., Variations in Soil Physical Characteristics in the Driftless Area of Wisconsin, Nebraska Academy of Science Meeting, April 24th, Lincoln, Nebraska.
- 1998 with Shapiro, L., Poulson, C., Martindale, T., Myers, D., Hill, A., and Deane, R., Variations in Soil Chemical Characteristics in the Driftless Area of Wisconsin, Nebraska Academy of Science Meeting, April 24th, Lincoln, Nebraska.
- 1998 with Alarcon, C., and Poulson, C., Water Quality in the Cayo District, Belize, Central America, Nebraska Academy of Science Meeting, April 24th, Lincoln, Nebraska.

- 1998 with Parsley, J., Variations in Surface and Groundwater Quality in Sarpy County, Nebraska, Nebraska Academy of Science Meeting, April 24th, Lincoln, Nebraska.
- 1998 Session Chair, Nebraska Chapter, National Council for Geographic Education, Nebraska Academy of Science Meeting, April 24th, Lincoln, Nebraska.
- 1997 Land Use and Water Resource Management in the Karst of Bohol, The Philippines, Great Plains/Rocky Mountain Division of the Association of American Geographers Meeting, September 12-13, Bozeman, Montana.
- 1997 Session Chair, Climatic Change, Impacts and Response, Great Plains/Rocky Mountain Division of the Association of American Geographers Meeting, September 12-13, Bozeman, Montana.
- 1997 Environmental Degradation in the Bohol Province, The Philippines, Nebraska Academy of Science Meeting, April 24-25, Lincoln, Nebraska.
- 1997 Session Organizer and Session Chair, Florida Society of Geographers Meeting, January 17-18, Tampa, Florida.
- 1997 with Brinkmann, R., Soils and Cave Sediments in West-Central Florida, Florida Society of Geographers Meeting, January 17-18, Tampa Florida.
- 1997 with Brinkmann, R., Paleoenvironmental Reconstruction and Cave Formation in West-Central Florida, Florida Society of Geographers Meeting, January 17-18, Tampa, Florida.
- 1996 Speleogenesis and Landscape Evolution in West-Central Belize, Southeastern Division of the Association of American Geographers Meeting, November 23-26, Athens, Georgia.
- 1996 Cave Formation and Landscape Evolution on the Northern Vaca Plateau, Belize, Central America, Great Plains/Rocky Mountain Division of the Association of American Geographers Meeting, September 26-28, Greeley, Colorado.
- 1996 with Brinkmann, Robert, The Relationship Between Surface Soils and Cave Sediments in the Karst of West-Central Florida, East Lakes/West Lakes Divisions of the American Association of Geographers Meeting, October 24-26, Valparaiso, Indiana.
- 1996 Physical and Cultural Landscape Interactions in the Maya Lowlands: Examples from the IX CHEL Archaeological Site, Belize, Nebraska Academy of Science Meeting, April 26-27, Lincoln, Nebraska.
- 1995 Geoarchaeology of the IX CHEL Site, Belize, Central America, West Lakes Division of the Association of American Geographers Meeting, September 28-30, Mankato, Minnesota.
- 1995 Formation and Evolution of an Oligocene Aged Island Remnant in the Karst of Central Florida, Great Plains/Rocky Mountain Division of the Association of American Geographers Meeting, October 5-7, Rapid City, South Dakota.
- 1995 Session Chair, Undergraduate Research in Geography, Great Plains/Rocky Mountain Division of the Association of American Geographers Meeting, October 5-7, Rapid City, South Dakota.
- 1995 Recent Speleo-Geoarchaeologic Investigations in West-Central Belize, Central America, Southeast Division of the Association of American Geographers, November 19-21, Knoxville, Tennessee.

- 1995 Temporal Variations in Agriculturally Derived Groundwater Contamination in the Driftless Area of Wisconsin. Central Region Meeting of the Geologic Society of America, April 27-28, Lincoln, Nebraska.
- 1994 Agriculturally Derived Groundwater Contamination in the Southwestern Wisconsin Karst, Southwestern Association of American Geographers Meeting, October 15-18, Hot Springs, Arkansas.
- 1994 Geoarchaeology of the Northern Yaca Plateau, Belize, Central America, Annual Meeting of the Georgia Academy of Science, Earth and Atmospheric Sciences Section, April 29-30, Kennesaw, Georgia.
- 1993 with Brinkmann, R., Caves and Cave Formation in a Portion of the Withlacoochee State Forest: Citrus County, Florida. The Florida Geographical Society Annual Meeting, February 19-20, Gainesville, Florida.
- 1992 Groundwater Contamination in Urban Karst. Southwest Florida Physical Geography Symposium, University of South Florida, October 23-24, Tampa, Florida.
- 1991 Topographic, Microclimatic and Anthropogenic Influences Upon "A" Horizon Development in Soils Formed in Glacial Outwash: Marinette County, Wisconsin. Annual Meeting of the Wisconsin Geographical Society, September 27-28, Waukesha, Wisconsin, Program p. 6.
- 1989 A Soil Catena: Marinette County, Wisconsin. Association of American Geographers West Lakes Division and the Wisconsin Geographical Society Joint Annual Meeting, LaCrosse, Wisconsin, September 21-23. Program pp. 18-19.
- 1989 with Day, M.J., Southwestern Wisconsin Sinkholes. Association of American Geographers West Lakes Division and the Wisconsin Geographical Society Joint Annual Meeting, LaCrosse, Wisconsin, September 21-23. Program p. 17.
- 1989 with Day, M.J., The Origin, Distribution and Morphology of Sinkholes in Southwestern Wisconsin. The Geological Society of America North-Central Section Meeting, South Bend, Indiana, April 20-21, Program with Abstracts p. 77.
- 1988 with Crawford, N.C., Evaluation of Storm Water Runoff Removal into an Urbanized Karst Aquifer: Bowling Green, Kentucky. Southeastern Section of the Geological Society of America, Columbia, South Carolina, April 7-8, Abstracts with Programs pp. 310-311.
- 1988 Determination of Optimal Areas for Removal of Storm Water Runoff: Bowling Green, Kentucky. 18th Annual Sigma Xi Research Conference, Western Kentucky University, March 24-25, Abstracts with Program p. 32.
- 1987 with Crawford, N.C., Down-Hole Video Camera: A New Tool in Applied Karst Hydrology. 73rd Annual Meeting of the Kentucky Academy of Science, November 6-7, Western Kentucky University, Bowling Green, Kentucky.
- 1987 Video Well-Logging in Bowling Green, Kentucky. 17th Annual Sigma Xi Research Conference, Western Kentucky University, April 9-10. (poster session).

1987 Preliminary Investigation of Optimal Locations for Removal of Storm Water Runoff in Bowling Green, Kentucky. 17th Annual Sigma Xi Research Conference, Western Kentucky University, March 24-25, Abstracts with Program p. 30.

INVITED LECTURES:

2016 Philip Reeder, Mapping the Greater Mary's Well and Church of the Annunciation (Greek Orthodox) area and the Great Synagogue of Vilna. 17th Batchelder Conference for Biblical Archaeology, University of Nebraska, Omaha, Nebraska, November 11 and 12.

2015 Philip Reeder, Science and Laudato si. Liberman Lunch Speakers Series. Duquesne University. Sponsored by the Office of Campus Ministry. September 23.

2015 Philip Reeder, In Search of Targets: Combining Spatial and Geophysical Data to Guide Excavation. 16th Batchelder Conference for Biblical Archaeology, University of Nebraska, Omaha, Nebraska, November 5 to 8.

2014 Philip Reeder, Using Maps as Research and Teaching Tools: Examples from Projects in Israel, Spain and Poland, 15th Batchelder Conference for Biblical Archaeology, University of Nebraska, Omaha, Nebraska, November 13 to 15.

2013 Philip Reeder, Ten Years of Mapping in Israel: Recent Updates from Nazareth and Yavne. 14th Batchelder Conference for Biblical Archaeology, University of Nebraska, Omaha, Nebraska, November 14 to 16.

2012 Philip Reeder and Richard Freund, Is Atlantis in Southwestern Spain? Environmental Science and Policy Colloquium Series, University of South Florida, April 10th.

2011 Searching for Atlantis, Tampa Optimist Club Speaker Series, Tampa, Florida, September 21st.

2011 Philip Reeder and Richard Freund, Recent Investigations at the Sobibor Nazi Extermination Camp in Poland, Speakers Series, the Holocaust Center at the University of South Florida Library, April 10th.

2011 Environmental Change and the Ancient Maya, Terrace Community School, Tampa, Florida, Teach-in, November 17th.

2010 Research in the Cave of Letters in Israel, 11th Batchelder Conference for Biblical Archaeology, University of Nebraska, Omaha, Nebraska, November 11 to 13.

2009 Cave and Karst Geoarchaeology: New Avenues for Inquiry, The 2009 International Ubiquitous Cave Conference, Danyang, South Korea, November 6-8.

2008 Florida Karst: Interactions of Groundwater and Rock, Florida Environmental Summit, Jacksonville University, Jacksonville, FL, November 5-6.

2008 Mapping Great Cities and Spaces: From Ancient Israel and Beyond, 9th Batchelder Conference for Biblical Archaeology, University of Nebraska at Omaha, Omaha, Nebraska, November 14- 15.

2008 Sustainable Urbanism: the Tampa Bay Region in Twenty Years. A panel discussion organized and moderated by Philip Reeder and Shannon Bassett, as part of the Going Green Tampa Bay Expo, University of South Florida.

- 2008 Multidisciplinary research on the Northern Vaca Plateau, Belize, Central America, Presented in the Department of Geoscience, East Tennessee State University, Johnson City, TN, March 19.
- 2007 The Aqueduct System and Latrines Sites at Qumran, 8th Batchelder Conference for Biblical Archaeology, University of Nebraska at Omaha, Omaha, Nebraska, November 8-10.
- 2007 Har Karkom, Israel – A Proposed Site for Mt. Sinai: Recent Geophysical and Mapping Research, 8th Batchelder Conference for Biblical Archaeology, University of Nebraska at Omaha, Omaha, Nebraska, November 8-10.
- 2006 Micro-Climatological Studies and Mapping at the Cave of Letters, Israel: The Final Chapter, 7th Batchelder Conference for Biblical Archaeology, University of Nebraska at Omaha, Omaha, Nebraska, November 9-11.
- 2006 Mapping Tel Yanve, Israel and the Iglesia de la Blanca in Burgos, Spain, 7th Batchelder Conference for Biblical Archaeology, University of Nebraska at Omaha, Omaha, Nebraska, November 9-11.
- 2005 with Williams, Michael, Archaeological Mapping at Tel Yavne, Nazareth and Burgos, Spain, 6th Batchelder Conference for Biblical Archaeology, University of Nebraska at Omaha, Omaha, Nebraska, November 10-12.
- 2003 Mapping Qumran and Yavne, 5th Annual Batchelder Biblical Archaeology Conference, University of Nebraska at Omaha, Oct. 30-31, Omaha, Nebraska.
- 2003 Session Chair, Special Topics in Urbanism, 5th Annual Batchelder Biblical Archaeology Conference, University of Nebraska at Omaha, Oct. 30-31, Omaha, Nebraska
- 2003 Mapping in Nazareth: Mary's Well, St. Gabriel's Church of the Annunciation and the Surrounding Water Sources, 5th Annual Batchelder Biblical Archaeology Conference, University of Nebraska at Omaha, Oct. 30-31, Omaha, Nebraska
- 2003 Mapping Qumran, Presented at the Religious Studies Student Association Conference, California State University-Long Beach, May 1-2, Long Beach, California.
- 2003 The Physical and Cultural Geography of Iraq, presented as part of the symposium on the History, Geography and Politics of Iraq, April 17th, University of Wisconsin-La Crosse.
- 2003 Multidisciplinary Research in Belize, Israel, the Philippines and Florida, Presented in the Department of Geography, University of South Florida, Tampa, Florida, February 11th.
- 2002 Bauman, P., Freund, R., Arav, R., Shroder, J., Reeder, P. and Jol, H., Intrigue, mystery, and geophysics Dead Sea archaeology 2001. Canadian Society of Exploration Geophysics Technical Luncheon Talk, December 16, CSEG Recorder.
- 2002 Geoarchaeology: Bridging the Physical and Social Sciences, Presented via Distance learning from La Crosse to the University of Wisconsin-Manitowoc Campus, December 11th.
- 2002 Maya Ritual Utilization of Caves in Belize, Presented as Part of the Geography Awareness Week Lecture Series, November 20th, University of Wisconsin-La Crosse.

- 2002 Adventure, Discovery and Controversy: From the Dead Sea to the Vaca Plateau, Keynote Address for the Fifty-Sixth Annual Meeting of the Wisconsin Geographical Society, November 8-9, University of Wisconsin-La Crosse.
- 2002 Micro-Climatic Variations in the Cave of Letters, Israel, Fifty-Sixth Annual Meeting of the Wisconsin Geographical Society, November 8-9, University of Wisconsin-La Crosse.
- 2002 Mapping of the Cemetery and Surrounding Areas at Qumran, Presented at the Fourth International Conference on Biblical Archaeology, October 24-26, The University of Nebraska at Omaha.
- 2002 The Climate Study of the Cave of Letters, Presented at the Fourth International Conference on Biblical Archaeology, October 24-26, The University of Nebraska at Omaha.
- 2002 The Final Map of the Cave of Letters, Presented at the Fourth International Conference on Biblical Archaeology, October 24-26, The University of Nebraska at Omaha.
- 2002 The Cave of Letters Project, Israel, Presented at the Omaha area Kiwainas Club, April 24th, Omaha, Nebraska.
- 2002 Mapping the Cemetery at Qumran, Presented as Part of a Seminar on Qumran, Sponsored by the Department of Religious Studies, California State University-Long Beach, May 3rd, Long Beach, California.
- 2002 The Role of Geography in Multidisciplinary Research, February 12th, Presented in the Department of Geography and Earth Science, University of Wisconsin La Crosse.
- 2001 Mapping of the Qumran Cemetery, Israel, Presented at the Third Annual Conference of Biblical Archaeology, October 26-27, The University of Nebraska at Omaha.
- 2001 Mapping and Environmental Studies in the Cave of Letters, Israel, , Presented at the Third Annual Conference of Biblical Archaeology, October 26-27, The University of Nebraska at Omaha.
- 2001 Speleoarchaeological Research in Belize, Presented at the Dept. of Geography and Geology, Western Kentucky University, Bowling Green, Kentucky, April 2000.
- 2001 The Role of Geography in Today's World. January 22nd, Presented in the Department of Geographic Science, James Madison University.
- 2000 Mayan Cave Utilization in Belize. Presented to the Omaha Sierra Club, December, 2000.
- 2000 Mysteries in the Dark: Maya Cave Utilization in Belize. Presented at the Department of History, Creighton University, September 18th, Omaha, Nebraska.
- 2000 Cave Exploration and Mapping in Belize Central America. Presented at the Omaha area Kiwainas Club, February 16th, Omaha, Nebraska.
- 2000 The Mapping and Cave Micro-Climatology Project at the Cave of Letters, Israel. Presented at the Conference of Biblical Archaeology, November 9th, The University of Nebraska at Omaha.

- 1999 Geoaerchaeological Research in West Central Belize. Presented to the Nebraska Geological Society, January 1999.
- 1999 The New Mapping project at the Cave of Letters Israel. Presented at the Conference of Biblical Archaeology, November 14th, The University of Nebraska at Omaha.
- 1998 Geoaerchaeology of a Mayan Site in Belize, Central America. Presented at the Omaha area Kiwainas Club, November 12th, Omaha, Nebraska.
- 1997 An Environmental Profile of Belize. Presented to the TERRA Foundation, December 4th, Omaha, Nebraska.
- 1997 Speleologic and Geoaerchaeologic Research on the Northern Vaca Plateau, Belize, Central America. Visiting Scholar Lecture Series, January 22nd, Kansas State University, Manhattan, Kansas.
- 1997 Mysteries of the Maya: Exploration of the IX CHEL Archaeological Site, Belize. Keynote Address for Geography University of Awareness Week, November 19th, Nebraska at Omaha.
- 1996 The Geoaerchaeology of the IX CHEL Archaeological Site, Belize. Department of Geography Seminar Series, The University of Waikato, Hamilton New Zealand.
- 1996 A Case Study of Agricultural Groundwater Contamination in Wisconsin, USA. Department of Geography Visiting Lecturer Series, The University of Waikato, Hamilton, New Zealand.
- 1995 Fieldwork in Physical Geography: Nightmares from Belize. Geography and Geology Seminar Series, University of Nebraska at Omaha.
- 1995 Mayan Land Use in the Hinterlands: Examples from West-Central Belize. Department of Geography Visiting Scholar Lecture Series, University of South Florida, Tampa, Florida.
- 1995 Recent Investigations at the IX CHEL Archaeological Site, Belize, Central America. First International Symposium of Maya Archaeology, Department of Archaeology, Belmopan, Belize.
- 1994 Surface and Subsurface Geoaerchaeological Research in Belize, Central America. Geography and Geology Seminar Series, University of Nebraska at Omaha.
- 1994 The Management and Conservation of Soil and Water Resources in Developing Countries. Geography Department, San Marcos National University, Lima, Peru.
- 1994 Introduction to Analytical and Water Resource Management Techniques: Applications in Peru. Geography Department, San Marcos National University, Lima, Peru.
- 1994 Technical Aspects of Hydrologic Analyses. Geography Department, San Marcos National University, Lima, Peru.
- 1994 Environmental Problems in Peru. Department of Geography, Catholic University, Lima, Peru.
- 1994 Soil and Water Resource Conservation and Management in Developing Countries. Department of Geography, Catholic University, Lima, Peru.

- 1994 Water Resource Analytical and Management Techniques: Applications in Peru. Department of Geography, Catholic University, Lima, Peru.
- 1994 Teaching and Research in Environmental Education and Awareness: Applications for Peru. Department of Geography, Catholic University, Lima, Peru.
- 1994 Geoarchaeological Investigations in Belize, Central America: Discovery of a New Mayan City. International Center for North American Culture, Chiclayo, Peru.
- 1994 Soil and Water Resource Degradation in Peru. International Center for North American Culture, Chiclayo, Peru.
- 1994 The Future is Now: Analysis and Solutions for Environmental Problems in Piura, Peru. Department of Hydrology, College of Engineering, University of Piura, Piura, Peru. (Two day 16-hour hands-on workshop attended by 40 Peruvian scientists and professionals which I organized and was sole presenter).
- 1994 Resource Management Problems in Developing Countries. The Engineering College of Peru, Arequipa, Peru.
- 1994 A Practical Demonstration of Water Analysis Techniques. The Engineering College of Peru, Arequipa, Peru.
- 1994 Technical Aspects of Resource Management in Peru. Department of Geologic Engineering, San Augustine National University, Arequipa, Peru.
- 1994 The Living Earth: Degradation of Peru's Environment. International Center for the Study of North American Culture, Lima, Peru.
- 1994 Ecosystem Management in Peru. International Center for the Study of N. American Culture, Lima, Peru.
- 1994 Speleoarchaeology of the Northern Vaca Plateau, Belize Central America. Colloquium Series, Department of Geography, University of Wisconsin-Milwaukee.
- 1994 Mysteries of the Maya: A New Archaeological Discovery in Belize, Central America. Sponsored by the Office of International Programs, Valdosta State University.
- 1994 Groundwater Contamination in the Driftless Area of Southwestern Wisconsin. Department of Geography and Geology, University of Nebraska at Omaha.
- 1993 Speleological and Geoarchaeological Research in Belize. Department of Geography Seminar Series, University of South Florida, Tampa, Florida.
- 1993 Peru: Land of Many Contrasts. Sponsored by the Office of International Programs, Valdosta State University.
- 1993 Caves and Cave Formation in the Tropics. Sponsored by the Green River Grotto of the National Speleological Society, Western Kentucky University, Bowling Green, Kentucky.

- 1993 Water and Soil Resource Degradation in the Philippines: Parallels with Peru. Sponsored by the School of Soil Science, The Agricultural University, Lima, Peru.
- 1993 The Discovery and Exploration of IX CHEL: A Classic Maya City in Western Belize. Sponsored by the Office of the Rector, Catholic University, Arequipa, Peru.
- 1993 Soil and Water Resource Reclamation in the Philippines. Sponsored by the Office of the Rector, Catholic University, Arequipa, Peru.
- 1993 Cave and Surface Geoarchaeological Investigations on the Northern Vaca Plateau: Belize, Central America. Sponsored by the Office of the Rector, San Antonio National University, Cusco, Peru.
- 1993 Water Resource Development in the Karst of Batuan, Bohol, the Philippines. Presented at a Special Session on Southeast Asian Studies, Annual Association of American Geographers National Meeting, Atlanta, Georgia.
- 1992 Destined for Disaster: Environmental Degradation in the Philippines. Sponsored by the Office of International Programs, Valdosta State University.
- 1992 Groundwater Contamination in a Dolostone-Sandstone Aquifer, Richland County, Wisconsin. Presented at a Special Session on Karst Studies, Annual Association of American Geographers National Meeting, San Diego, California.
- 1992 Groundwater Contamination in the Karst Terrain of Southwestern Wisconsin. Department of Physics, Astronomy and Geology, Valdosta State University.
- 1991 Land Degradation in the Third World: Examples from The Philippines and Central America. Presented in the Department of Geography, Carthage College, Kenosha, Wisconsin.
- 1991 The 1991 Speleological Expedition to the Northern Vaca Plateau, Belize, Central America. Presented at the Brown Bag Lecture Series, Department of Geography, University of Wisconsin-Milwaukee.
- 1991 The Karst of Batuan, Bohol, The Philippines: Physical and Cultural Landscapes. Presented at a Visiting Scholars Colloquium, Department of Geography/Geology, Western Kentucky U., Bowling Green, KY.
- 1990 Speleological Investigations at Spanish Water Hole, Cayo District, Belize, Central America. Presented at the Brown Bag Lecture Series, Department of Geography, University of Wisconsin-Milwaukee.
- 1990 Cuba: Myth and Reality. Presented at the Brown Bag Lecture Series, Department of Geography, University of Wisconsin-Milwaukee.
- 1990 Agricultural Water Supply in the Karst of Batuan, Bohol, The Philippines. Presented at the 50th Anniversary International Congress of the Cuban Speleological Society, Havana, Cuba.
- 1989 The Caves and Karst of the Central Plateau Region in Batuan, Bohol, the Philippines. Presented at the Brown Bag Lecture Series, Department of Geography, University of Wisconsin-Milwaukee.

- 1989 Storm Water Runoff Removal into The Lost Karst Aquifer: Bowling Green, Kentucky. Presented at the Sigma Xi Young Scholars Symposium, University of Wisconsin-Milwaukee.
- 1989 Quest for Adventure: The Expansion of Geographic Boundaries Through Cave Exploration. Presented at the Brown Bag Lecture Series, Department of Geography, University of Wisconsin-Milwaukee.
- 1988 Environmental Problems Associated with Living on an Urbanized Karst Terrain, Bowling Green, Kentucky. Sponsored by the Bowling Green Literary Society.
- 1988 The Exploration and Mapping of Sullivan's Cavern. Sponsored by the Green River Grotto of the National Speleological Society, Western Kentucky University.
- 1987 Applications of "Wellcam", Down-Hole Video Inspection System in Karst Hydrology. Sponsored by the Green River Grotto of the National Speleological Society, Western Kentucky University.

REFERENCES:

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**My Assistant Dean in the Bayer School of Natural and Environmental Sciences at Duquesne.*

Dr. Dean McFarlin, Dean and Professor of Management, Palumbo Donahue School of Business, Duquesne University, Pittsburgh, PA 15282, Phone: 412-396-2554, email: mcfarlind@duq.edu

**Fellow Dean at Duquesne University, and fellow member of the Provost's Council and Academic Council. Dr. McFarlin and I started our tenure as Deans at Duquesne on the same date, July 1, 2013.*

Ms. Jean Stone, Assistant to the Dean, Bayer School of Natural and Environmental Sciences, Duquesne University, Pittsburgh, PA 15282, Phone: 412-396-4877, email: stonej@duq.edu

**Ms. Stone was my direct assistant in the Dean's Office for the past five years.*

Fr. Raymond French, Vice President for Mission and Identity, Duquesne University, Pittsburgh, Pennsylvania 15282, Phone: 412-396-5286, email: French@duq.edu

**Father French is a Spiritan Priest and is the Vice President for Mission and Identity at Duquesne University of the Holy Spirit.*

Dr. Harry Jol, Professor, Department of Geography and Anthropology, University of Wisconsin-Eau Claire, Eau Claire, Wisconsin 54702, Phone 715-836-4636, email: Jolhm@uwec.edu

**Co-investigator on research projects in Israel, Greece, Lithuania, Latvia and Poland since 1999. Additionally, Dr. Jol and I have participated in numerous experiential learning projects for students as part of these research projects.*

Dr. Philip Reeder is formerly the Dean of the Bayer School of Natural and Environmental Sciences, and is currently a Professor in the Center for Environmental Research and Education and is the Founding Director of the Center for Urban Resiliency, at Duquesne University (DU) in Pittsburgh, Pennsylvania. Duquesne has an annual operating budget of \$295 million (FY 2018), 2,888 employees (482 full-time faculty), 180 Undergraduate, Graduate and Post-Graduate Academic Programs, and a total enrollment of 9,984 students. The annual base budget for the Bayer School is currently \$8.2 million dollars. The Bayer School is composed of the Departments of Chemistry and Biochemistry, Biological Sciences, and Physics, and the Forensic Science and Law Program, the Cyril H. Wecht Institute of Forensic Science and Law, the Biotechnology Program, and the Center for Environmental Research and Education (the Environmental Science Program). The Bayer School awards Bachelor of Science and Bachelor of Arts degrees, Master of Science and Master of Arts degrees, doctoral degrees, and Graduate Certificates. There are 31 administrative staff in the Bayer School, 53 full-time faculty, and on average, 40 part-time (adjunct) faculty per semester.

Dr. Reeder was the Chair of the Environmental Science and Policy Division at the University of South Florida (USF) from 2006 to 2013. He was also the Geography Graduate Program Director, Vice Chair, and Geography Undergraduate Program Chair in the Department of Geography and Geology at the University of Nebraska Omaha from 1994 to 2003. He received a doctoral degree in Geography with specializations in water resource management from the University of Wisconsin-Milwaukee in May 1992. He received a Master's of Science degree in Geoscience from Western Kentucky University in 1988, and a Bachelor's of Science Degree in Earth Science from Frostburg State University in Maryland in 1983.

He has published over 30 peer-reviewed articles, 16 articles in proceedings (13 international), and has presented 112 papers at professional meetings (13 at international meetings; 43 at national meetings; 55 at regional meetings), and has given 94 invited lectures. He has published two book chapters, and is also the lead-editor, and wrote two chapters, for the book "Refuge on the Dead Sea: New Discoveries in the Cave of Letters" which was recently published by Peter Lange Publishers. He has conducted water resource management and/or geoarchaeologic research in the Central Kentucky Karst, west-central Florida, northeastern Wisconsin, the Driftless Area of Southwestern Wisconsin, the Huautla Plateau in Mexico, the island of Bohol in the Philippines, the Vaca Plateau and Belize River Valley in Belize, and various locations in Israel, as well as Rhodes Greece, Sobibor Poland, Vilnius Lithuania, and two locations in Spain.

He was selected as a delegate to represent the United States at the 50th anniversary meeting of the Cuban Speleological Society in Havana, Cuba, at the Transkarst 2004 Conference in Hanoi, Vietnam, and the 2009 International Ubiquitous Cave Conference in Danyang, South Korea. He was the closing keynote speaker at the Land of Israel Conference in Nof Ginosaur Israel in 2009, he participated in a Rotary International Group Study Exchange to Peru and he also received a research/teaching Fulbright award to Peru. He has received research grants totaling nearly \$800,000 (over \$10 million dollars applied for) from the U. S. Geological Survey, the National Science Foundation, the U.S. Department of State's Man and the Biosphere Program, the Patel Center for Global Solutions, the Cave Research Foundation, the Association of American Geographers, Sigma Xi: the Scientific Research Society, the National Speleological Society, the New Zealand Council for Bilateral Research and most recently, the Alphawood Foundation.

He was Chairperson for the Great Plains/Rocky Mountain Division of the Association of American Geographers in 2001, was honored in 1999 with an Excellence in Teaching Award from the University of Nebraska at Omaha, and at USF was the Chair of the Council for Educational Policy and Issues, and served on the Faculty Senate and the Faculty Senate Executive Committee. He also served as the USF representative on the University System of Florida, Board of Governors Common Prerequisite Committee, was a member of the USF Global Sustainability Advisory Council, and a Research Affiliate with the USF Office of Sustainability and the Patel Center for Global Solutions. At Duquesne he is a member of the Academic Council, the Council of Deans the Provost's Cabinet, and is the Chair of the CORE Curriculum Review Committee, is the Chair of the Phipps Conservatory African Rainforest Project Committee, is an advisory board member for the Duquesne University Office of Mission and Identity, the Center for Catholic Intellectual Tradition, the University Honors College, and is a member of the Integrity of Creation conference committee.