

# Harry Martin Jol

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## Education

- Ph.D.** University of Calgary, Department of Geography, Calgary, Alberta, Canada  
*1993 Dissertation: Ground Penetrating Radar (GPR): A New Geophysical Methodology Used to Investigate the Internal Structure of Sedimentary Deposits (Field Experiments on Deltas)*  
*Advisor: Dr. Derald G. Smith*
- M.Sc.** Simon Fraser University, Department of Geography, Burnaby, British Columbia, Canada  
*1989 Thesis: Seismic Stratigraphic Analysis of the Southeastern Fraser River Delta, B.C.*  
*Advisor: Dr. Michael C. Roberts*
- B.Sc.** Simon Fraser University, Department of Geography, Burnaby, British Columbia, Canada  
*1987 Major: Physical Geography*

## Academic Awards

- 2024/25 University of Wisconsin Sabbatical Leave  
2023 Excellence in Mentoring in Research, Scholarship, and Creative Activity Award (finalist)  
2019 The Grove Karl Gilbert Award for Excellence in Geomorphological Research (*co-author on Faulkner et al. 2016 paper*)  
2018 Visiting Erskine Fellowship – University of Canterbury, Christchurch, New Zealand  
2017 Excellence in Service-Learning – Faculty Mentor (UWEC)  
2017/18 University of Wisconsin Sabbatical Leave  
2008 Fellow - Geological Society of America  
2003 Visiting Erskine Fellowship – University of Canterbury, Christchurch, New Zealand  
2002/03 University of Wisconsin Sabbatical Leave  
1999 Nominated CASE Professor of the Year (Teaching)  
1999 Distinguished Educational Web Site  
1994/96 NSERC Post-Doctoral Fellowship (2 yrs)  
1993-94 University of Calgary Post-Doctoral Fellowship  
1993 Province of Alberta Graduate Scholarship  
1992 Izaak Walton Killam Memorial Scholarship  
1991/92 Ralph Steinhauer Award of Distinction (2 yrs)  
1991/92 Petro-Canada Inc. Graduate Research Award (2 yrs)  
1989/90 NSERC Postgraduate PG3 Scholarship (2 yrs)  
1988 Simon Fraser University Graduate Fellowship  
*plus 9 Undergraduate awards*

## University Teaching Experience

- 2006 – present **Professor**, University of Wisconsin-Eau Claire  
Geography 104 - The Physical Environment  
Geography 178 – Conservation of the Environment  
Geography 304 – Introduction to Geomorphology  
Geography 360 – Geomorphology  
Geography 361 – Environmental Hazards  
Geography 368 – Desert Southwest Field Seminar  
Geography 368 – Olympic Peninsula/PNW Field Seminar

Geography 395 – Directed Studies (multiple including GPR Analysis)  
 Geography 401 – Desert Southwest Field Studies (Capstone Seminar)  
 Geography 401 – New Zealand Field Studies (Capstone Seminar)  
 Geography 491 – Yosemite Valley: Land and Literature  
 Geography 491 – Introduction to Ground Penetrating Radar  
 Geography 498 – Community Internship  
 Geography 499 – Senior Thesis (multiple - research papers related GPR research)  
 Honors 302 – Digging through the Bible  
 Domestic Intercultural Immersion – Yosemite Valley x 3  
 International Fellows Program (Immersion) – Eastern Europe, Israel, New Zealand  
 Continuing Education (Community) - Explorations in Biblical Archaeology I  
 Continuing Education (Community) - Explorations in Biblical Archaeology II  
 Continuing Education (Community) – Digging Through the Bible  
 ENGE 410 Engineering Geology Field Methods (Co-instructor University of Canterbury)  
 ENGE 415 Engineering Geomorphology and Geohazards (Co-instructor University of Canterbury)  
 ENGE 416 Engineering Geology Projects

1999- 2006 **Associate Professor (Tenured)**, University of Wisconsin-Eau Claire

Geography 104 - The Physical Environment  
 Geography 335 - Geographic Information Systems  
 Geography 338 - Remote Sensing of the Environment  
 Geography 360 – Geomorphology  
 Geography 361 - Environmental Hazards  
 Geography 395 – Directed Studies  
 Geography 401 – Hawaii Field Studies (Capstone Seminar)  
 Geography 401 – Pacific Northwest Field Studies (Capstone Seminar)  
 Geography 491 – Big Island Hawaii Field Studies (Capstone Seminar)  
 Geography 491 – Western Nevada/Eastern California Field Studies (Capstone Seminar)  
 Geography 491 – Advanced GIS and Remote Sensing

1996-99 **Assistant Professor (Tenure-Track)**, University of Wisconsin - Eau Claire

Geography 104 - The Physical Environment  
 Geography 335 - Geographic Information Systems  
 Geography 338 - Remote Sensing of the Environment  
 Geography 395 – Directed Studies  
 Geography 491 - Death Valley Field Studies  
 Geography 491 – Western Nevada/Eastern California Field Studies (Capstone Seminar)  
 Geography 491 - Environmental Hazards  
 Geography 491 – Western Nevada/Death Valley Field Studies (Capstone Seminar)  
 Geography 491 – Advanced GIS and Remote Sensing

1995-96 **Sessional Instructor**, Trinity Western University, BC

Geography 280 - Principles of Cartography and Map Interpretation  
 Geography 390 - Introduction to Geographic Information Systems (GIS)  
 Directed studies: Geography 383ds - Quantitative Methods  
 Geography 384ds - Techniques and Methods in Geography

1994 **Sessional Instructor**, University College of the Fraser Valley, BC

Geography 102 - Evolution of the Earth's Surface (2 sections)

1994 **Sessional Instructor**, University of Calgary, AB

Geography 201 - The Physical Environment (2 Sections, large introductory class 300+ students)

- 1993 **Co-Instructor**, University of Calgary, AB  
Geography 307 - Landform Processes and Morphology
- 1992 Teaching introductory geomorphology and desert geomorphology to undergraduates on a one-week geomorphic field trip in Death Valley, California
- 1990-93 Guest lecturer/field trip guide - ground penetrating radar, deltas
- 1989-90 Instructor and Project Supervisor (Canada World Youth) - responsible for development and implementation of a youth educational international development program involving participants and communities in Canada and Indonesia

## Publications and Presentations

### Refereed Papers

79. Yu, Fengling, Switzer, A.D., Zheg, Z., Chen, B., Pile, J., Jol, H.M., Huang, Z., and Lau, A., 2023. Holocene geomorphological evolution of a sediment-starved coastal embayment in response to sea level change: Insights from the Qing'ao Embayment, southern China: *Palaeogeography, Palaeoclimatology, Palaeoecology*, v. 633, <https://doi.org/10.1016/j.palaeo.2023.111895v>.
78. Jol, H., Uchytíl, G., Fischer, A., Hall, N., and Jol, C., 2023. Holocaust geoarchaeology: Subsurface imaging of four resistance sites within the Warsaw Ghetto, Poland and Jungfernhof, Latvia, in Reeder, P., ed., *Richard Freund's Legacy of Ideas, Research and Teaching, about the Holocaust: Newcastle upon Tyne, UK, Cambridge Scholars Publishing*, p. 293-324.
77. Giaime, M., Artzy, M., Jol, H.M., Salmon, Y., López, G.I., and Abu Hamid, A., 2022. Refining Late-Holocene environmental changes of the Akko coastal plain and its impacts on the settlement and anchorage patterns of Tel Akko (Israel): *Marine Geology*, 447, <https://doi.org/10.1016/j.margeo.2022.106778>
76. Ercoli, M., Cirillo, D., Pauselli, C., Jol, H.M., and Brozzetti, F., 2021. Ground-penetrating radar signature of Quaternary faulting: a study from the Mt. Pollino region, southern Apennines, Italy: *Solid Earth*, 12, 2573–2596, <https://doi.org/10.5194/se-12-2573-2021>
75. McClymont, A.F., Bauman, P.D., Freund, R.A., Seligman, J., Jol, H.M., Reeder, P., and Vengalis, R., 2021. Preserving Holocaust history: Geophysical investigations at the Ponary (Paneriai) Extermination Site: *Geophysics*. <https://doi.org/10.1190/geo2021-0065.1>
74. Giaime, M., Jol, H.M., Salmon, Y., López, G.I., Abu Hamid, A., Bergevin, L, Bauman, P., McClymont, A., Sailer-Haugland, E., and Artzy, M., 2021. Using a multi-proxy approach to locate the elusive Phoenician/Persian anchorage of Tel Akko (Israel): *Quaternary International*, Volume 602, pages 66-81, <https://doi.org/10.1016/j.quaint.2021.06.008>
73. Oviatt, C.G., Atwood, G., Laabs, B.J.C., Jewell, P.W., and Jol, H.M., 2021. A field trip to observe features of Lake Bonneville, mountain glaciation, and Great Salt Lake near Salt Lake City, Utah, USA, in Cousens, B.L., and Riggs, N., eds., *GSA in the Field in 2020: Geological Society of America Field Guide 60*, p. 71–94, [https://doi.org/10.1130/2021.0060\(03\)](https://doi.org/10.1130/2021.0060(03))
72. Borella, J., Quigley, M., Riley, M., Trutner, S., Jol, H., Borella, M., Hampton, S. and Gravley, D., 2020. Influence of anthropogenic landscape modifications and infrastructure on the geological characteristics of liquefaction: *Anthropocene*, v. 29, <https://doi.org/10.1016/j.ancene.2020.100235>
71. Peterson, C., Jol, H.M., Percy, D., and Perkins, R., 2020. Use of ground penetrating radar, hydrogeochemical testing, and aquifer characterization to establish shallow groundwater supply to rehabilitated Ni-les'tun unit floodplain: Bandon Marsh, Coquille Estuary, Oregon, USA: *Journal of Geography and Geology*, v. 12, DOI:10.5539/jgg.v12n1p25

70. Artzy, M., Jol, H., Giaime, M., Salmon, Y., Abu-Hamid, A., López, G.I., Morhange, C., Kaniewski, D., Bauman, P., and Killebrew, A.K., 2020. The effects of coastline and river changes on anchorages, harbors and habitation patterns: The case of Akko/Acre (Israel) as an example: in Demesticha, S., and Blue, L., eds., *Under the Mediterranean 1: Studies in Maritime Archaeology*, Leiden, The Netherlands, Sidestone Press, p. 267-278.
69. Seligman, J., Bauman, P., Freund, R., Jol, H., McClymont, A., and Reeder, P., 2020, *Mapping Ponar (Paneriai): A reassessment: Human Remains and Violence*, v. 6(1), p. 15-39.
68. Reeder, P., Freund, R.A., Jol, H.M., Bauman, P., Workman, V., Yanklevitz, S., Darawsha, M., and Savage, C., 2019. From Bethsaida to Yavne and beyond: in Strickert, F. and Freund, R., eds., *A Festschrift in Honor of Rami Arav: "And They Came to Bethsaida...."*: Cambridge Scholars Publishing, p. 315-336.
67. Pitman, S.J., Jol, H.M., Shulmeister, J. and Hart, D.E., 2019. Storm response of a mixed sand gravel beach ridge plain under falling relative sea levels: A stratigraphic investigation using ground penetrating radar: *Earth Surface Processes and Landforms*, v. 44: 1610-1617 <https://doi.org/10.1002/esp.4598>.
66. Schide, K.H., Jewell, P.W., Oviatt, C.G., Jol, H.M., and Larsen, C.F., 2018. Transgressive-phase barriers as indicators of basin-wide lake-level changes in late Pleistocene Lake Bonneville, Utah, USA: *Geomorphology*, v. 318: 390-403, <https://doi.org/10.1016/j.geomorph.2018.07.007>.
65. Jol, H.M., 2018. Ground penetrating radar subsurface imaging within the Cave of Letters: in Savage, C., Reeder, P., Freund, R.A. and Jol, H.M. eds., *Dead Sea: New discoveries in the Cave of Letters*: Peter Lange Inc., International Academic Publishers, Series: Crosscurrents: New Studies on the Middle East (Book 2), 296 pp.
64. Schaetzl, R.J., Larson, P.H., Faulkner, D.J., Running, G.L., Jol, H.M., and Rittenour, T.M., 2017. Eolian sand and loess deposits indicate west-northwest paleowinds during the Lake Pleistocene in western Wisconsin, USA: *Quaternary Research*, <https://doi.org/10.1017/qua.2017.88>
63. Nobes, D.C., Jol, H., and Duffy, B., 2016. Geophysical imaging of disrupted coastal dune stratigraphy and possible mechanisms, Haast, South Westland, New Zealand: *New Zealand Journal of Geology and Geophysics*, v. 59, 426-435, doi: 10.1080/00288306.2016.1168455.
62. Faulkner, D.J., Larson, P.H., Jol, H.M., Running, G.L., Loope, H.M., and Goble, R.J., 2016. Autogenic incision and terrace formation resulting from abrupt late-glacial base-level fall, lower Chippewa River, Wisconsin, USA: *Geomorphology*, v. 266: 75–95, doi:10.1016/j.geomorph.2016.04.016. **The Grove Karl Gilbert Award for Excellence in Geomorphological Research**
61. Gouramanis, C., Switzer, A.D., Polivka, P.M., Bristow, C.S., Jankaew, K., Dat, P.T., Pile, J., Rubin, C.M., Yingsin, L., Ildefonso, S.R., and Jol, H.M., 2015. Ground penetrating radar (GPR) examination of thin tsunami beds – A case study from Phra Thong Island, Thailand. *Sedimentary Geology*, v. 329: 149-165, doi: 10.1016/j.sedgeo.2015.09.011
60. Loope, T.G., Jol, H.M., Fisher, T.G., Blewett, W.L., Loope, H.M., Legg, R.J., 2014. A previously unrecognized path of early Holocene base flow and elevated discharge from Lake Minong to Lake Chippewa across eastern Upper Michigan, in Fisher, T.G., and Hansen, E.C., eds., *Coastline and Dune Evolution along the Great Lakes: Geological Society of America Special Paper 508*, p. doi: 10.1130/2014.2508(01)
59. Higley, M.C., Fisher, T.G., Jol, H.M., Lepper, K., and Martin-Hayden, J.M., 2014. Stratigraphic and chronologic analysis of the Warren Beach, northwest, Ohio, USA. *Canadian Journal of Earth Sciences*, v. 51: 737-749, doi: 10.1139/cjes-2014-0047.
58. Fisher, T.G., Krantz, D.E., Castaneda, M.R., Loope, W.L., Jol, H.M., Goble, R., Higley, M.C., DeWald, S., and Hanson, P.R., 2014. Coastal geology and recent origins for Sand Point, Lake Superior, in Fisher, T.G., and Hansen, E.C., eds., *Coastline and Dune Evolution along the Great Lakes: Geological Society of America Special Paper 508*, p. doi: 10.1130/2014.2508(06).

57. Craig, M.S., Jol, H.M., Teitler, L., Warnke, D.A., 2012. Geophysical surveys of a pluvial lake barrier deposit, Beatty Junction, Death Valley, California, USA. *Sedimentary Geology*, v. 269-270: 28-36.
56. Bristow, C.S., Augustinus, P., Rhodes, E.J., Wallis, I.C., Jol, H.M., 2011. Is climate change affecting rates of dune migration in Antarctica? *Geology*, v. 39(9), p. 831-834.
55. Loope, H.M., Loope, W.L., Goble, R.J., Fisher, T.G., and Jol, H.M., 2010. Early Holocene eolian dune activity linked with final destruction of glacial Lake Minong, eastern Upper Michigan, USA: *Quaternary Research*, v. 74, 73-81.
54. Peterson, C.D., Jol, H.M., Vanderburgh, S., Phipps, J.B., Percy, D., and Gelfenbaum, G., 2010. Dating of late Holocene beach shoreline positions by regional of regional correlation of coseismic retreat events in the Columbia River Littoral cell, USA: *Marine Geology*, v. 273, p. 44-61. doi: 10.1016/j.margeo.2010.02.003
53. Bristow, C.S., Jol, H.M., Augustinus, P., and Wallis, I., 2010. Slipfaceless 'whaleback' dunes in a polar desert, Victoria Valley, Antarctica: Insights from ground penetrating radar: *Geomorphology*, v. 114, p. 361-371. doi: 10.1016/j.geomorph.2009.08.001.
52. Peterson, C.D., Vanderburgh, S., Roberts, M.C., Jol, H.M., Phipps, J., and Twichell, D. 2010. Composition, age, and depositional rates of shoreface deposits under barriers and beach plains of the Columbia River littoral cell, USA: *Marine Geology*, v. 273, p. 62-82. doi: 10.1016/j.margeo.2010.02.004
51. Bristow, C.S., Augustinus, P., Wallis, I., Jol, H.M., and Rhodes, E.J., 2010. Investigation of the age and migration of reversing dunes in Antarctica using GPR and OSL, with implications for GPR on Mars: *Earth and Planetary Science Letters*, v. 289(1-2), p. 30-42. doi: 10.1016/j.epsl.2009.10.026.
50. Curt D. Peterson, Harry M. Jol, Tom Horning, and Kenneth M. Cruikshank, "Paleotsunami Inundation of a Beach Ridge Plain: Cobble Ridge Overtopping and Interridge Valley Flooding in Seaside, Oregon, USA," *Journal of Geological Research*, vol. 2010, Article ID 276989, 22 pages, 2010. doi:10.1155/2010/276989
49. Dickson, M.E., Bristow, C.S., Hicks, D.M., Jol, H.M., Stapleton, J., and Todd, D., 2009. Beach volume on an eroding sand-gravel coast determined using ground penetrating radar: *Journal of Coastal Research*, v. 25(4), p. 1149-1159.
48. Buynevich, I.V., Jol, H.M., and FitzGerald, D.M., 2009. Coastal environments, *in* Jol, H.M., ed., *Ground penetrating radar (GPR) theory and applications*: Elsevier, p. 299 – 322.
47. Shroder, J.F., Jol, H.M., and Reeder, P.P., 2009. El Araj as Bethsaida: spatial and temporal improbabilities, *in* Freund, R.A., and Arav, R., eds., *Bethsaida a city by the north shore of the Sea of Galilee*, Volume 4: Truman State University Press, p. 293 – 309.
46. Kettridge, N., Comas, X., Baird, A., Slater, L., Strack, A., Jol, H., Binley, A., 2008. Ecohydrological important subsurface structures revealed by ground-penetrating radar and complex conductivity surveys. *Journal of Geophysical Research*, v. 113, G04030, doi:10.1029/2008JG000787
45. Peterson, C.D., Cruikshank, K.M., Jol, H.M., and Schlichting, R.B., 2008. Minimum run up heights of paleotsunami from evidence of sand ridge overtopping at Cannon Beach, Oregon, Central Cascadia Margin, USA: *Journal of Sedimentary Research*, v. 78, p. 390-409. DOI 10.2110/jsr.2008.044
44. Rother, H., Jol, H.M., and Shulmeister, J., 2007, Stratigraphy and tectonic implications of Late Pleistocene valley fill in the Hope Valley, Canterbury, South Island, New Zealand, *in* Baker, G.S., and Jol, H.M., eds., *Stratigraphic Analyses Using GPR: Geological Society of America Special Publication 432*, p. 155 – 168.
43. Mumpy, A.J., Jol, H.M., Kean, W.F., and Isbell, J.L., 2007, Architecture and sedimentology of an active braid bar in the Wisconsin River: based on 3-D ground penetrating radar, *in* Baker, G.S., and Jol, H.M., eds., *Stratigraphic Analyses Using GPR: Geological Society of America Special Publication 432*, p. 111 – 132.

42. Peterson, C.D., Jol, H.M., and Percy, D., and Nielsen, E.L., 2007, Groudwater surface trends from ground penetrating radar (GPR) profiles taken across Late Holocene barriers and beach plains of the Columbia River littoral system, Pacific Northwest Coast, USA, *in* Baker, G.S., and Jol, H.M., eds., *Stratigraphic Analyses Using GPR: Geological Society of America Special Publication 432*, p. 59 - 76.
41. Fisher, T.G., Loope, W.L., Pierce, W., and Jol, H.M., 2007, Big lake records in a little lake's sediment: an example from Silver Lake, Michigan, USA: *Journal of Paleolimnology*, v. 37, p. 365-382. DOI 10.1007/s10933-0053-2
40. Moysey, S., Knight, R., and Jol, H., 2006, Texture-based classification of ground-penetrating radar images: *Geophysics*, v. 71(6), p K111-K118.
39. Nobes, D.C., Rother, H., van der Kruck, J., and Jol, H.M., 2006, Radar "lensing" by a small river: Can a layer of surface water improve the signal?: *Near Surface Geophysics*, v. 4, p. 69-74.
38. Smith, D.G., Jol, H.M., Smith, N.D., Kostachuk, R.A., and Pearce, C.M., 2005, The wave-dominated William River Delta, Lake Athabasca, Canada: its morphology, radar stratigraphy, and history, *in* Giosan, L. and Bhattacharya, J.P., eds., *River Deltas - Concepts, Models and Examples: SEPM Special Publication 83*, p. 295 – 318.
37. Fisher, T.G., Jol, H.M., and Boudreau, A.M., 2005, Saginaw Lobe tunnel channels (Laurentide Ice Sheet) and their significance in south-central Michigan, USA: *Quaternary Smith Reviews*, v. 24, p. 2375-2391.
36. Havholm, K.G., Ames, D.V., Whittecar, G.R., Wenell, B.A., Riggs, S.R., Jol, H.M., Berger, G.W., and Holmes, M.A., 2004, Stratigraphy of back-barrier coastal dunes, northern North Carolina and southern Virginia: *Journal of Coastal Research*, v. 20, p. 980-999.
35. Reeder, P., Jol, H., Freund, R., and Savage, C., 2004, Geoarchaeology of the Qumran Archaeological Site, Israel: *Focus on Geography*, v. 48, p. 12-19.
34. Moore, L.J., Jol, H.M., Kruse, S., Vanderburgh, S., and Kaminsky, G.M., 2004, Annual layers revealed in the subsurface of a prograding coastal barrier: *Journal of Sedimentary Research*, v. 74, p. 690-696.
33. Loope, W.L., Fisher, T.G., Jol, H.M., Goble, R.J., Anderton, J.B., and Blewett, W.L., 2004, A Holocene history of dune-mediated landscape change along the southeastern shore of Lake Superior: *Geomorphology*, v. 61, p. 303-322.
32. Jol, H.M., Lawton, D., and Smith, D.G., 2003, Ground penetrating radar: 2D and 3D examples from Long Beach Washington: *Geomorphology*, v. 53, p. 165-181.
31. Jol, H.M., Bristow, C.S., Smith, D.G., Junck, M.B., and Putnam, P., 2003, Stratigraphic imaging of the Navajo Sandstone using ground-penetrating radar: *The Leading Edge*, v. 22(9), p. 882-887.
30. Moore, L.J., Kaminsky, G.M., and Jol, H.M., 2003, Linkages between shoreline progradation and El Nino southern oscillations, Southwest Washington, USA: *Geophysical Research Letters*, v. 39(9), p. 1448 - , DOI:10.1029/2002GL016147.
29. Jol, H.M., and Bristow, C.S., 2003, GPR in sediments: advice on data collection, basic processing and interpretation, a good practice guide, *in* Bristow, C.S. and Jol, H.M., eds., *GPR in Sediments: Geological Society of London, Special Publication 211*, p. 9-27. <https://doi.org/10.1144/GSL.SP.2001.211.01.02>
28. Fisher, T.G., Taylor, L.D., and Jol, H.M., 2003, Boulder-gravel hummocks and wavy, basal till contacts: products of subglacial meltwater flow beneath the Saginaw Lobe, south-central Michigan, U.S.A.: *Boreas*, v. 32, p. 328-336.
27. Kruse, S.E., and Jol, H.M., 2003, Amplitude and waveform analysis of repetitive GPR reflections: a Lake Bonneville Delta, Utah, *in* Bristow, C.S. and Jol, H.M., eds., *GPR in Sediments: Geological Society of London, Special Publication 211*, p. 287-298.
26. Havholm, K.G., Bergstrom, N.D., Running IV, G.L., and Jol, H.M., 2003, GPR survey of a Holocene Aeolian/Fluvial/Lacustrine Succession, Lauder Sand Hills, Manitoba, Canada, *in* Bristow, C.S. and Jol, H.M., eds., *GPR in Sediments: Geological Society of London, Special Publication 211*, p. 47-54.

25. Smith, D.G., Simpson, C.J., Jol, H.M., Meyers, R.A., and Currey, D.R., 2003, Radar stratigraphy used to infer transgressive or regressive deposition and internal structure of a barrier and spit, Lake Bonneville, Stockton, Utah, USA, *in* Bristow, C.S. and Jol, H.M., eds., *GPR in Sediments*, Geological Society of London, Special Publication 211, p. 70-86.
24. Sjogren, D.B., Fisher, T.G., Taylor, L.D., Jol, H.M., and Munro-Stasiuk, M.J., 2002, Incipient tunnel channels: *Quaternary International*, v. 90(1), p. 41-56.
23. Tercier, P., Knight, R., and Jol, H., 2000, A comparison of the correlation structure in GPR images of deltaic and barrier spit depositional environments: *Geophysics*, v. 65(4), p. 1142-1153.
22. Roberts, M.C., Vanderburgh, S., and Jol, H., 2000, Radar facies and geomorphology of the seepage face of the Brookwood aquifer, Fraser Lowland, *in* Ricketts, B.D., ed., *Mapping, Geophysics, and Groundwater Modelling in Aquifer Delineation, Fraser Lowland and Delta*, British Columbia: Geological Survey of Canada Bulletin 552, p. 95-102.
21. Roberts, M.C., and Jol, H.M., 2000, The sedimentary architecture and geomorphology of a cusped spit: Tsawwassen, British Columbia, *in* Völkel, J. and H.J. Barth, H.J., eds., *Beiträge zur Quartärforschung: Regensburger Geographische Schriften*, v. 33, p. 141-156.
20. Smith, D.G., Meyers, R.A., and Jol, H.M., 1999, Sedimentology of an upper meso tidal (3.7 m) Holocene barrier, Willapa Bay, SW Washington, U.S.A.: *Journal of Sedimentary Research, Section B: Stratigraphy and Global Studies*, v. 69(6), p. 1290-1296.
19. Pullan, S.E., Hunter, J.A., Jol, H.M., Roberts, M.C., Burns, R.A., and Harris, J.B. 1998, Seismostratigraphic investigations of the southern Fraser River delta, *in* Clague, J.J., Luternauer, J.L., and Mosher, D.C., eds., *Geology and Natural Hazards of the Fraser River Delta*, British Columbia: Geological Survey of Canada, Bulletin 525, p. 91-122.
18. Jol, H.M., Parry, D., and Smith, D.G., 1998, Ground penetrating radar: applications in sand and gravel aggregate exploration, *in* Bobrowsky, P.T., ed., *Aggregate Resources: A Global Perspective*: A.A. Balkema Publishers, p. 295-306.
17. Smith, D.G., and Jol, H.M., 1997, Ground penetrating radar investigation of the Peyto Delta: *Sedimentary Geology*, 113, p. 195-209.
16. Roberts, M.C., Bravard, J.P., and Jol, H.M., 1997, Radar facies of an avulsed channel of the Rhone river: Marais des Avenieres, near Aoste, France: *Journal of Quaternary Science*, v. 12(1), p. 35-42.
15. Jol, H.M., Smith, D.G., Meyers, R.A., and Lawton, D.C., 1996, Ground penetrating radar: high resolution stratigraphic analysis of coastal and fluvial environments, *in* Pacht, J.A., Sheriff, R.E., and Perkins, B.F., eds., *Stratigraphic Analysis using Advanced Geophysical, Wireline and Borehole Technology for Petroleum Exploration and Production: Gulf Coast Section Society of Economic Paleontologists and Mineralogists Foundation 17<sup>th</sup> Annual Research Conference*, p. 153-163.
14. Jol, H.M., Smith, D.G., and Meyers, R.A., 1996, Digital ground penetrating radar (GPR): An improved and very effective geophysical tool for studying modern coastal barriers (examples for the Atlantic, Gulf and Pacific coasts, U.S.A.): *Journal of Coastal Research*, v. 12(4), p. 960-968.
13. Fisher, S.C., Stewart, R.R., and Jol, H.M., 1996, Ground penetrating radar (GPR) data enhancement using seismic techniques: *Journal of Environmental and Engineering Geophysics*, v. 1(2), p. 89-96.
12. Meyers, R., Smith, D.G., Jol, H.M., and Peterson, C.R., 1996, Evidence for eight great earthquake-subsidence events detected with ground-penetrating radar, Willapa barrier, Washington: *Geological Society of America, Geology*, v. 24, p. 99-102.
11. Jol, H.M., and Smith, D.G., 1995, Ground penetrating radar of peatlands for oil field pipelines in Canada. *Journal of Applied Geophysics*, v. 34, p. 109-123.

10. Smith, D.G., and Jol, H.M., 1995, Wasatch Fault (Utah), detected and displacement characterized by ground penetrating radar: *Bulletin of the Association of Engineering Geologists*, v. 1, p. 489-496.
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### Articles/Abstracts Submitted

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- Reeder, P. and Jol, H., submitted. *The Search for Holocaust-Era Mass Graves in the Vidzgiris Forest in Alytus, Lithuania*: Applied Sciences.
- Reeder, P., Jol, H., McClymont, A., Bauman, P. and Barrow, M., submitted. *Using Geophysics to Locate Holocaust Era Mass Graves in Jewish Cemeteries: Examples from Latvia and Lithuania*: Heritage.



Fisher, T., Loope, H., Loope, W., Jol, H., Breckenridge, A., Goble, R., and Anderton, J., submitted. A Holocene history of high bluffs, strandplains, terraces, and dunes along the southeastern margin of Lake Superior with reference to fluctuating lake levels: *Geological Society of America Bulletin*.

McClymont, A., Konik, J., Jol, H.M., Bauman, P.D., Miazga, C., and Reeder, P., submitted. 3D characterization of the Mila 18 archaeological site in Warsaw, Poland: from imaging to excavation. *The Leading Edge*.

Casaus, M.P.R., Fisher, T. G., Jol, H.M., and Lepper, K., submitted. Strandline records of high frequency, low magnitude drops in water level, glacial Lake Agassiz basin, Central Polk County, MN, USA: *Geomorphology*.

### **Peer-Reviewed Papers for Conference Proceedings/Conference Presentations**

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#### Articles

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### Conference Presentations/Abstracts/Illustrated Papers

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340. Artzy, M., Giaime, M., Jol, H., and Zviely, D., 2024, Ancient settlement patterns aid in the interpretation of coastal evolutions: The International Congress on Archaeological Sciences in the Eastern Mediterranean and the Middle East (ICAS-EMME), Cyprus, May 15-18.
339. Jol, H., \*Blackert, Z., \*Guetschow, M., \*Vandenberg, K., Fenton, C., Shulmeister, J., and Bassett, K., 2023. Subsurface imaging of Kaitorete "Spit", Canterbury, Aotearoa, New Zealand: American Association of Geographers, 59th Annual Meeting of the West Lakes Division, DePaul University, Chicago, IL, October 19-21, p. 10.
338. \*Redland, A., Jol, H. M., \*Cipar, J.J., \*Claas, L., \*Kruse, L., \*Kvasnik, S.R., Reeder, P., McConnell, E.M., Reeder, J.M., and Martinez Dettinger, M., 2023. Ground penetrating radar investigation of a Holocaust mass execution and burial trench in Liepaja, Latvia: American Association of Geographers, 59th Annual Meeting of the West Lakes Division, DePaul University, Chicago, IL, October 19-21, p. 9. **(2<sup>nd</sup> Place | Undergraduate Poster Presentation)**
337. Jol, H., Reeder, P., \*Kvasnik, S., \*Redland, A.W., Reeder, J.M., \*Claas, L., \*Cipar, J., McConnell, E., \*Kruse, L.G., and Martinez Dettinger, M., 2023. Eastern Europe Holocaust mapping program: Recent geoarchaeological subsurface investigations and results from a high impact collaborative undergraduate research program: Pittsburgh, PA, Geological Society of America Annual Meeting, Abstracts with Programs. Vol. 55, No. 6, 2023, doi: 10.1130/abs/2023AM-396186
336. \*Kvasnik, S., \*Cipar, J., \*Claas, L., \*Kruse, L.G., \*Redland, A.W., Reeder, J.M., Reeder, P., Jol, H., Martinez Dettinger, M., and McConnell, E., 2023. A subsurface investigation with ground penetrating radar in Šeduva, Lithuania: Do Holocaust memorials actually mark the location of Jewish mass graves?: Pittsburgh, PA, Geological Society of America Annual Meeting, Abstracts with Programs. Vol. 55, No. 6, 2023, doi: 10.1130/abs/2023AM-393762
335. \*Cipar, J., Jol, H., Reeder, P., \*Claas, L., \*Kruse, G., \*Kvasnik, S., Martinez Dettinger, M., McConnell, E., Reeder, J.M., and Redland, A.W., 2023. Changing perspectives of the Holocaust using geophysics: Pittsburgh, PA, Geological Society of America Annual Meeting, Abstracts with Programs. Vol. 55, No. 6, 2023, doi: 10.1130/abs/2023AM-395068
334. Reeder, P., Jol, H., McClymont, A., and Bauman, P., 2023. The search for Holocaust-era mass graves in Jewish cemeteries in Latvia and Lithuania: Pittsburgh, PA, Geological Society of America Annual Meeting, Abstracts with Programs. Vol. 55, No. 6, 2023, doi: 10.1130/abs/2023AM-391887
333. McConnell, E., Reeder, J.M., Reeder, P., Jol, H., \*Claas, L., \*Cipar, J., \*Kruse, L., \*Kvasnik, S., \*Redland, A., and Martinez Dettinger, M., 2023. Uncovering the history of Jungfernhof Concentration Camp in Riga, Latvia: Pittsburgh, PA, Geological Society of America Annual Meeting, Abstracts with Programs. Vol. 55, No. 6, 2023, doi: 10.1130/abs/2023AM-391894
332. \*Solberg, J., Jol, H., Hanson, P., and Ju, F., 2023. Analysis of paired linear dune stratigraphy in the Nebraska Sand Hills utilizing ground penetrating radar: Pittsburgh, PA, Geological Society of America Annual Meeting, Abstracts with Programs. Vol. 55, No. 6, 2023, doi: 10.1130/abs/2023AM-395084

331. Jol, H., Shulmeister, J., Fenton, C., and Bassett, K., 2023. Subsurface imaging of coastal, fluvial, tectonic, and glacial geomorphic landscapes in Aotearoa | New Zealand: Recent field results from an International Fellows Program: Pittsburgh, PA, Geological Society of America Annual Meeting, Abstracts with Programs. Vol. 55, No. 6, 2023, doi: 10.1130/abs/2023AM-396191
330. Casaus, M., Fisher, T., and Jol, H., 2022. Geomorphic assessment of Glacial Lake Agassiz strandlines in northwest Minnesota: Grand Rapids, MI, North Central Section of Geological Society of America, Abstracts with Programs. Vol. 55, No. 3, 2023, doi: 10.1130/abs/2023NC-386919
329. Fisher, T., Loope, H., Loope, W., Jol, H., Breckenridge, A., and Goble, R., 2023. Sedimentary and geomorphic records of littoral transport during the Nipissing transgression-regression cycle, northeast coast of the Upper Peninsula of Michigan: North Central Section of Geological Society of America, Abstracts with Programs. Vol. 55, No. 3, 2023, doi: 10.1130/abs/2023NC-386893
328. Jol, H., Loope, W., Loope, H., Fisher, T., and Breckenridge, A., 2023. Subsurface imaging of a Holocene barrier, Lonesome Point, MI: Grand Rapids, MI, North Central Section of Geological Society of America, Abstracts with Programs. Vol. 55, No. 3, 2023, doi: 10.1130/abs/2023NC-387048
327. McClymont, A., Bauman, P., Konik, J., Reeder, P., and Jol, H., 2023. From imaging to excavation: archaeogeophysical investigations with the Warsaw Ghetto. 35<sup>th</sup> Symposium on the Application of Geophysics to Engineering and Environmental Problems (SAGEEP), New Orleans, Louisiana, April 2-6.
326. \*Barrow, M., Jol, H.M., \*Radtke, I., Reeder, P., Martinez Dettinger, M., Hayes, C., \*Wirkus, T., \*Ihinger, D., \*Beck, J., and \*Phillips, T., 2023. Subsurface imaging of a mass grave: An investigation of the former Old Jewish Cemetery of Riga, Latvia: American Association of Geographers, 118th Annual Meeting, Denver, CO, March 23-27.
325. \*Blackert, Z., Jol, H. M., Alam, M. I., Claas, L, \*Frey, C., \*Mulhern, S., \*Redland, A., and \*Vandenberg, D., 2023. Detecting a buried log flume and canals: A geophysical investigation of the subsurface: American Association of Geographers, 118th Annual Meeting, Denver, CO, March 23-27.
324. \*Ihinger, D., \*Barrow, M., Jol, B., \*Phillips, T, \*Wirkus, T., Jol, H.M., and. Reeder, P., 2023. Searching for a Holocaust Mass Burial in Liepāja, Latvia using a multidisciplinary approach: American Association of Geographers, 118th Annual Meeting, Denver, CO, March 23-27.
323. \*Katcher, J., Jol, H., \*Blackert, Z., \*Frey, C., Hanson, P., and Reinier, C., 2023. Stratigraphic analysis of paired vegetated linear dunes in the Nebraska Sand Hills using ground penetrating radar: American Association of Geographers, 118th Annual Meeting, Denver, CO, March 23-27.
322. \*Radtke, I., Jol, H.M., \*Barrow, M., \*Phillips, T., \*Wirkus, T., \*Ihinger, D., Reeder, P. Martinez Dettinger, M., Hayes, C., and Jol, B., and Lengksy, I., 2023. Jungfernhof: discovering a Holocaust burial pit using ground penetrating radar in Riga, Latvia: American Association of Geographers, 118th Annual Meeting, Denver, CO, March 23-27.
321. \*Vandenberg, K., \*Guetschow, M., and Jol, H., 2023. Fore-dune erosion on the Duluth-Superior Barrier System: A GPR analysis: American Association of Geographers, 118th Annual Meeting, Denver, CO, March 23-27.
320. \*Wirkus, T., Jol, H.M., \*Barrow, M., \*Ihinger, D., \*Phillips, T., \*Radtke, I., \*Beck, J., Hayes, C., Martineze-Dettinger, M., Jol, B., and Reeder, P., 2023. Noninvasive archaeology: Using ground penetrating radar to locate Jewish Holocaust Sites in Vidzgiris Forest near Alytus, Lithuania: American Association of Geographers, 118th Annual Meeting, Denver, CO, March 23-27.
319. Casaus, M.P.R., Fisher, T.G., Jol, H.M., Becker, R.H., Doro, K.O., 2022. Surficial mapping and geomorphic analyses of glacial Lake Agassiz strandlines in northwest Minnesota. American Institute of Professional Geologists Michigan Section 2022 Annual Meeting, December 8, Ann Arbor, MI. **Awarded 2<sup>nd</sup> place.**
318. Hall, N., Fischer, A., Uchytel, G., Jol, H., Freund, R., Reeder, P., McClymont, A., Bauman, P., Konik, J., Jol, C., Beck, J., Singleton, K., Dettinger, M.M., and Miazaga, C., 2022. Holocaust Archaeology: GPR Subsurface Imaging of the Mila 18 Memorial in Warsaw, Poland: Program and Abstracts of the Nineteenth (19th) International

- Conference on Ground Penetrating Radar (GPR 2022), June 18-21, Colorado School of Mines, Golden, Colorado, United States, p. 121.
317. Fischer, A., Jol, H., Uchytel, G., Hall, N., McClymont, A., Bauman, P., Miazaga, C., Konik, J., Beck, J., Freund, R., Jol, C., Singleton, K., Martinez Dettinger, M., Reeder, P., 2022. GPR investigation of Krasińskich Park, Warsaw, Poland: The Brushmakers Factory, A site of Jewish Resistance during the Holocaust: Program and Abstracts of of the Nineteenth (19th) International Conference on Ground Penetrating Radar (GPR 2022), June 18-21, Colorado School of Mines, Golden, Colorado, United States, p. 48.
316. Woodle, M., Delikowski, H., Jol, H., and Jol, C., 2022. A GPR investigation of the internal stratigraphy of foredunes along the Duluth Barrier System: Program and Abstracts of of the Nineteenth (19th) International Conference on Ground Penetrating Radar (GPR 2022), June 18-21, Colorado School of Mines, Golden, Colorado, United States, p. 49.
315. Uchytel, G., Hall, Fischer, A., Jol, H., Freund, R., Bauman, P., McClymont, A., Miazga, C., Reeder, P., Konik, J., Beck, J., Jol, C., Singleton, K., and Martinez Dettinger, M., 2022. Archaeological GPR Investigation of the Bersohn and Bauman Jewish Children’s Hospital in Warsaw, Poland: Locating Potential Holocaust Artifacts: Program and Abstracts of of the Nineteenth (19th) International Conference on Ground Penetrating Radar (GPR 2022), June 18-21, Colorado School of Mines, Golden, Colorado, United States, p. 141.
314. Jol, C., Jol, H., Martinex Detting, M., Singleton, K., Freund, R., Reeder, P., Miazga, C., Bauman, Wiley, P., Lensky, II, and Frostig, K., 2022. Subsurface Imaging of a Holocaust Mass Burial Site: Jungfernhof Concentration Camp, Riga, Latvia: Program and Abstracts of of the Nineteenth (19<sup>th</sup>) International Conference on Ground Penetrating Radar (GPR 2022), June 18-21, Colorado School of Mines, Golden, Colorado, United States, p. 111.
313. Casaus, M.P.R., Fisher, T.G., Jol, H.M., Becker, R.H., Doro, K.O., 2022. Geomorphic assessment and surficial mapping of Glacial Lake Agassiz strandlines in Polk County, Minnesota: Cincinnati, OH, Joint 56th Annual North-Central/ 71st Annual Southeastern Section Meeting, Geological Society of America, Abstracts with Programs. Vol. 54, No. 4, doi: 10.1130/abs/2022NC-375188
312. McClymont, A.F., Bauman, P.D., Miazga, C., Slater, C., Freund, R., Jol, H., Reeder, P. and Konik, J., 2021. Using drones for archaeological investigations of Holocaust sites in Lithuania and Poland: Invited Keynote Presentation, Summit on Drone Geophysics (Virtual), November 2-5.
311. Jefferies, H., Jol, H.M., Pupienis, D., Goettl, M.P., Wingren, C.P., Jerviss, K.M., and Bergevin, L.L., 2021. Subsurface investigation of Cape Kolka, Latvia: A strandplain along the Baltic Coast: American Association of Geographers, 116th Annual Meeting, Virtual, April 7-11.
310. Jol, H., 2021. Ground penetrating radar revealing hidden Shrines, Mosques, Synagogues & Churches: United Nations Week of Religious Harmony & The Seven Testaments Trilogy (Virtual), February 1-3.
309. Wingren, C.P., Beck, J.D., Bergevin, L., Jerviss, K., Jeffries, H., Fuerstenberg, M., Jol, H.M., Freund, R., Bauman, P., McClymont, A., and Reeder, P., 2020. Locating execution trenches using geophysical survey methods at Fort IX, Kaunas, Lithuania: Holocaust Geoarchaeology: American Association of Geographers, 56th Annual Meeting of the West Lakes Division (online), Edwardsville, IL, November 13.
308. Jol, H.M., Giaime, M., +Bergevin, L, Salmon, Y., López, G.I., +Sailer-Haugland, E., Bauman, P., McClymont, A., Abu Hamid, A., and Artzy, M., 2020. Geophysical analysis of a tell: Subsurface imaging using GPR and ERT: Geological Society of America, 132<sup>nd</sup> Annual Meeting, October 26-30, Abstracts with Program, v. 52, no. 6, doi: 10.1130/abs/2020AM-358311
307. Miazga, C., Bauman, P. McClymont, A., Slater, C., Freund, R., Jol, H., Seligman, J., and Reeder, P., 2020. Geophysical investigations of mass graves at Holocaust sites in Lithuania: Society of Exploration Geophysicists Annual Meeting, Technical Program Expanded Abstracts, Houston, Texas, October 11 – 16, doi.org/10.1190/segam2020-3428373.1.



306. \*Layton, P.J., \*Adams, T.M., Jol, H.M., and Hanson, P., 2020. Aeolian dune stratigraphy revealed within Niobrara River Valley, Nebraska Sand Hills, USA: 54<sup>th</sup> North-Central Annual Section Meeting, May 18-19, Virtual (Duluth, MN), Geological Society of America Abstracts with Programs. Vol. 52, doi: 10.1130/abs/2020NC-348280.  
**(Honorable Mention Undergraduate Poster Presentation)**
305. \*Bergevin, L, Jol, H.M., \*Sailer-Haugland, E., Artzy, M., Salmon, Y., Giaime, M., López, G., and Abu Hmed, A. 2019. Locating an anchorage at Tel Akko (Israel) using subsurface imaging: 2019 Results: The 21st Annual Batchelder Conference for Archaeology and Biblical Studies, W.H. Thompson Alumni Center, University of Nebraska-Omaha, Omaha, NE, November 14-16, p. 5.
304. \*Sailer-Haugland, E., \*Bergevin, L., Jol, H., Willner, D., Giaime, M., and Amitzur, Y., 2019. Subsurface imaging at the Usha Archeological Excavations (Israel): Preliminary results: The 21st Annual Batchelder Conference for Archaeology and Biblical Studies, W.H. Thompson Alumni Center, University of Nebraska-Omaha, Omaha, NE, November 14-16, p. 5.
303. Jol, H.M., and Running IV, G.L. 2019. When is a Mound a Mound?: A Geoarchaeology Perspective: 63<sup>rd</sup> Annual Midwest Archaeological Conference, Mankato, MN, October 10-12, Abstracts with Program, p. 25.
302. \*Mangin, M.J., Jol, H.M. and \*Schneider, S. G., 2019. Subsurface Imaging of a Late Woodland Effigy Mound Site: Lake Koshkonong Effigy Mounds, Wisconsin: 63<sup>rd</sup> Annual Midwest Archaeological Conference, Mankato, MN, October 10-12, Program with Abstracts, p. 17.
301. Meyers, M.E., Borella, J.W., Almond, P., and Jol, H.M., 2019. Geomorphic mapping and subsurface characterization of the Springston Pre-Historic dunes, Canterbury, NZ: Geological Society of America, 131<sup>st</sup> Annual Meeting, September 22-25 September, Phoenix, AZ, Abstracts with Program, v. 51 (6).
300. Wiseman, M.B., Borella, J.W., and Jol, H.M., 2019. Geomorphic mapping and subsurface characterization of a debris flow complex in Banks Peninsula, New Zealand: Geological Society of America, 131<sup>st</sup> Annual Meeting, September 22-25 September, Phoenix, AZ, Abstracts with Program, v. 51 (6).
299. Faulkner, D.J, Larson, P., Running, G.L., and Jol, H.M., 2019. The paraglacial Lower Chippewa River, West-Central Wisconsin, USA: Geological Society of America, 131<sup>th</sup> Annual Meeting, September 22-25 September, Phoenix, AZ, Abstracts with Program, v. 51 (6),
298. López, G.I., Jol, H., Bauman, P., Giaime, M., abu Hamid, A., Quartemaine, J., Waldmann, N.D., and Artzy, M., 2019. The Elusive Phoenician/Persian Harbour of Ancient Akko: Where Geophysics, Petrophysics & Geology meet Archaeology: Geological Association of Canada, Mineralogical Association of Canada and International Association of Hydrogeologists Annual Meeting, Montreal, QC, May 12-15, Scientific Program, p. 20.
297. \*Bergevin, L., Jol, H., \*Beck, J., Artzy, M., and López, G. 2019. Examining Ancient Coastlines and Archeological Features at Tel Akko, Israel: Using 3D ground penetrating radar imaging: American Association of Geographers, 114th Annual Meeting, Washington, DC, April 3-7.
296. \*Blouin, W., Jol, H., \*Beck, J., and \*Schneider, S., 2019. Applying non-linear interpolation methods at a Lithuanian Holocaust mass burial site: American Association of Geographers, 114th Annual Meeting, Washington, DC, April 3-7.
295. Faulkner, D., Larson, P., Adams, H., Kuehl, K., Higendorf, Z., Jol, H., and Running, G., 2019. The Chippewa River: Paragon of a paraglacial fluvial system: American Association of Geographers, 114<sup>th</sup> Annual Meeting, Washington, DC, April 3-7. **The Grove Karl Gilbert Award for Excellence in Geomorphological Research Presentation**
294. \*Beck, J.D., \*Schneider, S.G., \*Fuerstenberg, M.M., \*Kofman, C.C., Jol, H.M., Freund, R.A., Reeder, P.P., Jarockis, R., and Kujelis, G., 2018. Ground Penetrating Radar Surveys for the Lithuania “Anne Frank”: The 20<sup>th</sup> Annual Batchelder Conference for Archaeology and Biblical Studies, W.H. Thompson Alumni Center, University of Nebraska-Omaha, Omaha, NE, November 9-10.

293. \*Bergevin, L. Jol, H.M., \*Beck, J.D., López,G., Giaime, M., and Artzy, M., 2018. In search of a harbor: Ground penetrating radar surveys at Tel Akko: The 20<sup>th</sup> Annual Batchelder Conference for Archaeology and Biblical Studies, W.H. Thompson Alumni Center, University of Nebraska-Omaha, Omaha, NE, November 9-10.
292. Jol, H.M. 2018. Putting archaeological sites into context: How geomorphology and subsurface Imaging can aid in better understanding sites in Israel and Lithuania: The 20<sup>th</sup> Annual Batchelder Conference for Archaeology and Biblical Studies, W.H. Thompson Alumni Center, University of Nebraska-Omaha, Omaha, NE, November 9-10.
291. \*Schneider, S. \*Beck, J.D., \*Fuerstenberg, M.M., \*Kofman, C.C., Jol, H.M., Seligman, J., Jakulytė-Vasil, M. and Šmigelskas, R.2018. Locating the former Synagogue of Seduva: The 20<sup>th</sup> Annual Batchelder Conference for Archaeology and Biblical Studies, W.H. Thompson Alumni Center, University of Nebraska-Omaha, Omaha, NE, November 9-10.
290. \*Beck, J.D., \*Schneider, S.G., \*Fuerstenberg, M.M., \*Kofman, C.C., Jol, H.M., Freund, R.A., Reeder, P.P., Jarockis, R., and Kujelis, G., 2018. Ground penetrating radar survey at Krošinskių Manor in Rokiškis, Lithuania: Geological Society of America, 130<sup>th</sup> Annual Meeting, November 4-7, Indianapolis, IN, Abstracts with Program, v. 50 (6), doi: 10.1130/abs/2018AM-324700
289. \*Fuerstenberg, M.M., Jol, H.M., Freund, R.A., Jarockis, R., Kujelis, G., Reeder, P.P., \*Beck, J.D., \*Kofman, C.C., and \*Schneider, S.G., 2018. Ground penetrating radar imaging of the Trakas Holocaust Mass Grave, Lithuania: Geological Society of America, 130<sup>th</sup> Annual Meeting, November 4-7, Indianapolis, IN, Abstracts with Program, v. 50 (6), doi: 10.1130/abs/2018AM-324710
288. Huang, A.R., Borellas, J.W., Jol, H.M., and Faulds, 2018. Determining the origins of karst-related depressions in Castle Hill Basin, New Zealand: Geological Society of America, 130<sup>th</sup> Annual Meeting, November 4-7, Indianapolis, IN, Abstracts with Program, v. 50 (6), doi: 10.1130/abs/2018AM-317022
287. Loope, W.L., Loope, H., Jol, H.M., Fisher, T.G., and Goble, R.J., 2018. Legacy of a transgression: shoreline behavior along the southeastern margin of the Superior Basin in response to Holocene lake-level change: Geological Society of America, 130<sup>th</sup> Annual Meeting, November 4-7, Indianapolis, IN, Abstracts with Program, v. 50 (6), doi: 10.1130/abs/2018AM-316845
286. \*Schneider, S.G., Jol, H.M., Zabiela, G., Daubaras, M., \*Beck, J.D., \*Fuerstenberg, J.M., and \*Kofman, C.C., 2018. Subsurface imaging of Bilioniai Hillfort, Lithuania: Geological Society of America, 130<sup>th</sup> Annual Meeting, November 4-7, Indianapolis, IN, Abstracts with Program, v. 50 (6), doi: 10.1130/abs/2018AM-324504
285. Jol, H.M., 2018. Understanding the context: Ground penetrating radar imaging of faults in the subsurface: Faults and Cities: Utilising Geophysics to Support Investigations of Active Faults in Urban Centres, GNS Science Workshop April 17-18, Lower Hutt, New Zealand.
284. Larsen, A., Hanson, P., and Jol, H.M., 2018. Dune formation south south of the Niobrara River Valley, North-Central Nebraska Sand Hills: Geological Society of America North-Central Section, 52nd Annual Meeting, April 16-17, Ames, IA, Abstracts with Program v. 50(4), doi: 10.1130/abs/2018NC-313227.
283. \*Beck, J.D., \*Burds, L.T., \*Mataitis, R.J., Jol, H.M., Freund, R.A., McClymnt, A.F., and Bauman, P., 2018. Holocaust Archaeology: Ground Penetrating Radar Locating the Nazi Mass Execution Trenches at Fort IX in Kaunas, Lithuania: American Association of Geographers, 113th Annual Meeting, New Orleans, LA, April 10-14.
282. \*Burds, L.T., Freund, R.A., \*Beck, J.D., \*Mataitis, R.J., Jol, H.M., McClymnt, A.F., and Bauman, P., 2018. The Mass Grave at Kaunas Fort VII, Lithuania: American Association of Geographers, 113th Annual Meeting, New Orleans, LA, April 10-14.
281. Pile, J., Yu, F., Jol, H.M. and Switzer, A.D., 2018. The 12-Lakes of Lu Feng, Southern China: Where are the missing Lakes? Ground-Penetrating Radar investigation of a coastal Plain: European Geophysical Union, Vienna, Austria, April 8-13, Geophysical Research Abstracts, Vol. 20, EGU2018-10259.

280. Jol, H.M., 2017. Adoption of the Research Skills Development framework and pentagon in weekly undergraduate research mentoring sessions: A case study from the geosciences: I-MELT, International Conference on Models of Engaged Learning and Teaching, December 11-13, Adelaide, Australia, p. 12-13.
279. Jol, H., Freund, R., Savage, C., Sapata Meza, M., Darawsha, M., Shalem, D., Lockhart, J., and Davis, B., 2017. Preliminary results from 2017 geophysical surveys at four northern Israeli sites: Nazareth, Magdala, El Araj and Peki'in: The 19<sup>th</sup> Annual Batchelder Conference for Archaeology and Biblical Studies, W.H. Thompson Alumni Center, University of Nebraska-Omaha, Omaha, NE, November 9-12, Program, p. 3.
278. \*Burds, L., \*Beck, J., \*Mataitis, R., Jol, H., Freund, R., Bauman, P., McClymont, A., and Zabiela, G., 2017. Holocaust Geoarchaeology I: Trying to locate a mass burial at Fort VII, Kaunas, Lithuania: The 19<sup>th</sup> Annual Batchelder Conference for Archaeology and Biblical Studies, W.H. Thompson Alumni Center, University of Nebraska-Omaha, Omaha, NE, November 9-12, Program, p. .
277. Jol, H., 2017. Why lake levels matter at archaeological sites along the Sea of Galilee: Insights from Kursi, El Araj, and Magdala: The 19<sup>th</sup> Annual Batchelder Conference for Archaeology and Biblical Studies, W.H. Thompson Alumni Center, University of Nebraska-Omaha, Omaha, NE, November 9-12, Program, p. 3.
276. \*Beck, J., \*Burds, L., \*Mataitis, R., Jol, H., Freund, R., Bauman, P., McClymont, A., and Zabiela, G., 2017. Holocaust Geoarchaeology II: Searching for mass execution trenches at Fort IX, Kaunas, Lithuania: The 19<sup>th</sup> Annual Batchelder Conference for Archaeology and Biblical Studies, W.H. Thompson Alumni Center, University of Nebraska-Omaha, Omaha, NE, November 9-12, Program, p. 3.
275. Jol, H., Freund, R., Savage, C., \*Mataitis, R., Lockhart, J., and Davis, B., 2017. Coastal progradation and subsurface investigations at El Araj: An overview of the geomorphic story: The 19<sup>th</sup> Annual Batchelder Conference for Archaeology and Biblical Studies, W.H. Thompson Alumni Center, University of Nebraska-Omaha, Omaha, NE, November 9-12, Program, p. 3.
274. \*Burds, L., Jol, H.M., \*Mataitis, R.J., \*Beck, J., Freund, R.A., Bauman, P., McClymont, A.F., and Reeder, P.P., 2017. The mass grave at Kaunas Fort VII, Lithuania: Geological Society of America, 129<sup>th</sup> Annual Meeting, October 22-25, Seattle, WA, Abstracts with Program, v. 49 (6), doi: 10.1130/abs/2017AM-306770.
273. \*Mataitis, R.J., \*Burds, L., \*Beck, J., Jol, H.M., and Pupienis, D., 2017. Ground penetrating radar investigation of the Curonian Spit, Lithuania: Geological Society of America, 129<sup>th</sup> Annual Meeting, October 22-25, Seattle, WA, Abstracts with Program, v. 49 (6), doi: 10.1130/abs/2017AM-306889.
272. \*Seamans, J.M., Jol, H.M., \*Wavrin, T.A., \*Erickson, J.S., \*Kleinschmidt, A.S., Freund, R.A., and Reeder, P.P., 2017. Discovering a Holocaust era escape tunnel: GPR investigation at Ponar, Lithuania: American Association of Geographers, 112<sup>th</sup> Annual Meeting, Boston, MA, April 4-9.
271. Jol, H.M., Freund, R.A., Reeder, P.P., \*Erickson, J.S., \*Wavrin, T.A., \*Kleinschmidt, A.S., and \*Seamans, J.M., 2017. Geoarchaeological investigations at a Holocaust site (Ponar), Lithuania: Subsurface imaging in search for a processing trench and burial pit: Geological Society of America Joint 52<sup>nd</sup> Northeastern Annual Section and 51<sup>st</sup> North-Central Annual Section Meeting, March 19-21, Pittsburgh, Pennsylvania, Abstracts with Program v. 49(2), doi: 10.1130/abs/2017NE-291316.
270. \*Erickson, J.S., \*Seamans, J.M., \*Wavrin, T.A., \*Kleinschmidt, A.S., Jol, H.M., and Daubaras, M., 2017. A ground penetrating radar investigation of archaeological sites in Varniai Regional Park, northwestern Lithuania: Geological Society of America Joint 52<sup>nd</sup> Northeastern Annual Section and 51<sup>st</sup> North-Central Annual Section Meeting, March 19-21, Pittsburgh, Pennsylvania, Abstracts with Program v. 49(2), doi: 10.1130/abs/2017NE-291651.
269. \*Hynek, M.R., \*Seamans, J.M., and Jol, H.M., 2017. Subsurface imaging of past shorelines of Lake Michigan at Manistique, Michigan, USA: Geological Society of America Joint 52<sup>nd</sup> Northeastern Annual Section and 51<sup>st</sup> North-Central Annual Section Meeting, March 19-21, Pittsburgh, Pennsylvania, Abstracts with Program v. 49(2), doi: 10.1130/abs/2017NE-291249. **(Honorable Mention Undergraduate Poster Presentation)**

268. \*Luczak, J., Workman, V., Foglia, P.R., Freund, R.A., and Jol, H.M., 2017. Preliminary results of a pXRF analysis on ceramics from the eastern Mediterranean Region: 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-291497.
267. \*Morrison, S., Zamperoni, A. Garcia, C.A., Jol, H.M., Johnston, J.W., and Lepper, K., 2017. Quantifying natural lake level fluctuations for the Upperwash Strandplain, Lake Huron: Examining the connection between the Upper and Lower Great Lakes: 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-290663.
266. Reeder, P.P., Jol, H.M., and Freund, R.A., 2017. 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.
265. Jol, H.M., Loope, W.L., \*Seamans, J.M., \*Hynek, M., and \*Kleinschmidt, A.S., 2017. Ground penetrating radar imaging of a Lake Superior holocene barrier: New insights from Lonesome Point, Michigan: 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-291300.
264. Zamperoni, A., Johnston, J.W., Wolfe, B.B., Hall, R.I., Lepper, K., Jol, H.M., Endres, T., and Duguay, D., 2017. Characterizing relict shorelines to establish the most detailed account of lake-levels in the Peace Athabasca Delta: A key hydrologic node of the Mackenzie River Basin, Northwestern Canada: Geological Society of America Joint 52<sup>nd</sup> Northeastern Annual Section and 51<sup>st</sup> North-Central Annual Section Meeting, March 19-21, Pittsburgh, Pennsylvania, Abstracts with Program v. 49(2), doi: 10.1130/abs/2017NE-290049.
263. McClymont, A., Bauman, P., Freund, R., Seligman, J., Jol, H.M. Bensimon, K., and Reeder, P., 2017. The forgotten Holocaust in Lithuania – Geophysical investigations at the Ponary extermination site. Symposium on the Application of Geophysics to Engineering and Environmental Problems (SAGEEP), 30<sup>th</sup> Anniversary, March 19-23, Denver, CO. **(Best Talk of Conference/4)**
262. Bauman, P., McClymont, A., Freund, R., Seligman, J., Jol, H.M. and Reeder, P., 2017. Geophysical investigations at the Great Synagogue and rasu Prison of Vilna, Lithuania: Symposium on the Application of Geophysics to Engineering and Environmental Problems (SAGEEP), 30<sup>th</sup> Anniversary, March 19-23, Denver, CO. **(Best Talk of Conference/4)**
261. Jol, H.M., 2017. Subsurface imaging of the coastal landscape: Mapping environmental change: The Third Xiamen Symposium on Marine Environmental Sciences (XMAS-III), January 9-11, Xiamen, China **(Invited Speaker – [link](#))**.
260. Jol, H., 2016. Four GPR studies of Rhodes, Greece: Kahal Shalom, Hahal Grande, Synagogues, the Church of the Victory, the Grandmaster Palace: The 18<sup>th</sup> Annual Batchelder Conference for Archaeology and Biblical Studies, W.H. Thompson Alumni Center, University of Nebraska-Omaha, Omaha, NE, November 10-13, Program, p. 1.
259. \* Kleinschmidt, A. and Jol, H., 2016. Locating Jacob Gens: A subsurface geophysical investigation in Rasu Prison, Vilnius, Lithuania: The 18<sup>th</sup> Annual Batchelder Conference for Archaeology and Biblical Studies, W.H. Thompson Alumni Center, University of Nebraska-Omaha, Omaha, NE, November 10-13, Program, p. 1.
258. \*Seamans, J.M., Jol, H.M., \*Wavrin, T.A., \*Erickson, J.S., \*Kleinschmidt, A.S., Freund, R.A., Reeder, P.P., and Daubaras, M., 2016. 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. . **(1<sup>st</sup> Place Undergraduate Research Poster, West Lakes)**
257. Jol, H.M., Loope, W.L., and \*Morrison, S.M., 2016. Depositional coastlines of Lake Superior: Imaging the subsurface: American Association of Geographers, Annual Meeting of the West and East Lakes Divisions, Marquette, MI, October 13 - 15, Program, p. 6.

256. Jol, H.M., Anderton, J.B., Loope, W.L., Loope, H., Fisher, T.G., Goble, R.J., \*Adams, H., \*Olmstead, A., \*Morrison, S.M., \*Seamans, J., \*Hynek, M., and \*Kleinschmidt, 2016. Imaging a massive Lake Superior Holocene barrier: A Tribute to John B. Anderton: American Association of Geographers, Annual Meeting of the West and East Lakes Divisions, Marquette, MI, October 13 - 15, Program, p. 7.
255. \*Erickson, J.S., \*Wavrin, T.A., \*Seamans, J.M., \*Kleinschmidt, A.S., Jol, H.M., and Daubaras, M., 2016. Locating Baltic Neolithic Sites: A ground penetrating radar study in Varniaia Regional Park, Lithuania: American Association of Geographers, Annual Meeting of the West and East Lakes Divisions, Marquette, MI, October 13 - 15, Program.
254. 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., 2106. 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.
253. \*Morrison, S., Zamperoni, A., Garcia, C.A., Johnston, J.W., and Jol, H.M., 2016. Preliminary analysis of multi-decadal lake level fluctuations chronicled in stanplain stratigraphy: Insights from Ipperwash, Ontario, Canada: Geological Society of America, 128th Annual Meeting, September 25-28, Denver, CO, Abstracts with Program, v. 48 (7), doi: 10.1130/abs/2016AM-286952.
252. Zamperioin, A., Johnston, J.W., Wolfe, B.B., Hall, R.I, Endres, T., Duguay, C., and Jol, H.M., 2016. Characterizing relict shorelines to establish a paleohydrograph for the Peace-Athabasca Delta: A key hydrologic node of the MacKenzie River Basin, Northwestern Canada: Geological Society of America, 128th Annual Meeting, September 25-28, Denver, CO, Abstracts with Program, v. 48 (7), doi: 10.1130/abs/2016AM-286677.
251. \*Seamans, J.M., Jol, H.M., Freund, R.A., Reeder, P.P., Workman, V., \*Luczak, J., Foglia, P.R., and Polinsky, R.B., 2016. 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.
250. Jol, H.M., Loope, W.L., Fisher, T.G., \*Morrison, S., Johnston, J.W., Moore, L.J., and Smith, D.G., 2016. Ground penetrating radar studies along the present and past coastlines of the Great Lakes: An Overview: 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-275681.
249. Loope, W.L., Loope, H.M., Jol, H.M., Fister, T.G., and Goble, R.J., 2016. Early to Mid-Holocene shoreline behavior associated with the Nipissing Phase, Southeastern Lake Superior: 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-275619.
248. \*Bortolameolli, D., \*Degner, B., and Jol, H.M., 2016, Visualizing industrial organic waste located at Rib Lake, Wisconsin: A geospatial perspective: 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-275582.
247. Morrison, S., Jonston, J.W., and Jol, H.M., 2016, The missing puzzle piece in determining past lake level conditions at the only unregulated outlet in the Great Lakes preserved in the stratigraphy of the Ipperwash stranpland: 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-275278.
246. \*Wysocki, A.D., \*Aken, T.J., Jol, H.M., Loope, W.L., \*Morrison, S.M., and Morin, A., 2016. Ground penetrating radar imaging of a strandplain along Lake Superior, Huron Mountains, Michigan, USA: Association of American Geographers, 111<sup>th</sup> Annual Meeting, San Francisco, CA, March 29 – April 2.
245. \*Krantz, A.L, \*Pingle, A., Jol, H.M., Kremmin, T., and Jol, B.D., 2016. Subsurface investigation of the Wisconsin Point barrier spit, USA: Association of American Geographers, 111<sup>th</sup> Annual Meeting, San Francisco, CA, March 29 – April 2.

244. Schide, K., Jewell, P., Oviatt, C., Jol, H., 2015. An investigation of transgressive deposits in Late Pleistocene Lake Bonneville using GPR and UAV-produced DEMs: American Geophysical Union Fall Meeting, San Francisco, CA, December 14-18.
243. Jol, H.M, Nobes, D.C., +Topper, N.D., +Charlton, B.G., and +Jaeger, N.H., 2015. Ground penetrating radar imaging of a tectonically active, wave-influenced shoreline: Haast, South Westland, New Zealand: Geological Society of America, 127<sup>th</sup> Annual Meeting, November 1-4, Baltimore, MD, Abstracts with Program, v. 47 (7), p. 548.
242. Thompson, T.A., Johnston, J.W., Loope, H.M., and Jol, H.M., 2015. Holocene shoreline behavior and sequence development in the upper Great Lakes Basin: Geological Society of America, 127<sup>th</sup> Annual Meeting, November 1-4, Baltimore, MD, Abstracts with Program, v. 47 (7), p. 651.
241. Jol, H.M., Oviatt, C.G., Jewell, P., and Schide, K.H., 2015. Subsurface imaging of the Snowplow, Lake Bonneville, Utah: Geological Society of America, 127<sup>th</sup> Annual Meeting, November 1-4, Baltimore, MD, Abstracts with Program, v. 47 (7), p. 247.
240. Pile, J., Yu, F., Jol, H.M., Switzer, A.D., and Zheng, A., 2015. The 12-Lakes of Lu Feng, Southern China: Where are the missing lakes? Ground-penetrating radar investigation of a coastal plain: Geological Society of America, 127<sup>th</sup> Annual Meeting, November 1-4, Baltimore, MD, Abstracts with Program, v. 47 (7), p. 548.
239. Thompson, T.A., Johnston, J.W., Loope, H.M., and Jol, H.M., 2015. Shoreline architecture during a lake-level rise and fall of the upper Great Lakes over a period of several Millennia: Geological Society of America, 127<sup>th</sup> Annual Meeting, November 1-4, Baltimore, MD, Abstracts with Program, v. 47 (7), p. 246.
238. +Bortolameolli, D., and Jol, H., 2015. Ground penetrating radar of Rib Lake. 24<sup>th</sup> Annual National Ronald E. McNair Research Conference, Lake Lawn Resort, WI, October 30 – November 1, Program with Abstracts, p. 89.
237. Jol, H., +Adams, H., +Morrison, S., +Aken, T., Oviatt, C.G., Jewell, P. and Schide, K.H., 2015. Ground penetrating imaging of Lake Bonneville shorelines, Utah. West Lakes Division of the Association of American Geographers, 2015 Annual Meeting, Eau Claire, WI, October 15 - 17, Program, p. 4.
236. +Wyskocki, A.D., +Aken, T.J., Jol, H.M., Loope, W.L, +Morrison, S.M., and Morin, A., 2015. GPR imaging of a strandplain along Lake Superior, Huron Mountains, Michigan: Summer research field experience. West Lakes Division of the Association of American Geographers, 2015 Annual Meeting, Eau Claire, WI, October 15 - 17, Program, p. 8.
235. +Krantz, A., +Pingel, A., Jol, H., Kremmin, T., and Jol, B., 2015. Subsurface investigation of Wisconsin Point Barrier: Preliminary ground penetrating radar results. West Lakes Division of the Association of American Geographers, 2015 Annual Meeting, Eau Claire, WI, October 15 - 17, Program, p. 8.
234. +Bortolameolli, D., Jol, H., and Albrecht, A., 2015. Visualizing industrial organic waste located at Rib Lake, Wisconsin: A geospatial perspective. West Lakes Division of the Association of American Geographers, 2015 Annual Meeting, Eau Claire, WI, October 15 - 17, Program, p. 9.
233. Jol, H.M., Reeder, P.P., Freund, R.A., Workman, V., Awad, and Garcia, E., 2015. 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.
232. +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.
231. Nobes, D.C., and Jol, H.M., 2015. Enhancing form and structure: Complex attributes as aids for ground penetrating radar interpretation: Society of Exploration Geophysicists, Asia Pacific Conference, July 7-11, Waikoloa, HI, <http://dx.doi.org/10.1190/nsapc2015-082>.
230. Jol, H.M., Freund, R.A., Darawsha, M., Artzy, M., Arav, R., Savage, C.E., Lopez, G.I., Zapata-Meza, M., and Filin, S., 2015. UWEC's International Fellows Program in Israel: A transformative learning experience for students:

Geological Society of America North-Central Section, 49th Annual Meeting, May 19-20, Madison, WI, Abstracts with Program v. 47(5), p. 11.

229. \*Adams, H.R., \*Olmstead, A.C., \*Morrison, S.M., Jol, H.M., and Loope, W.L., 2015. High frequency (225, 450, 900 MHz) GPR investigation of the Nippissing beach ridge, Huron Mountains, MI: Geological Society of America North-Central Section, 49th Annual Meeting, May 19-20, Madison, WI, Abstracts with Program v. 47(5), p. 11.
228. \*Adams, H., \*Olmstead, A., Jol, H., \*Morrison, S., and Loope, W., 2015. "Looking Deep" into a Late Holocene Lake Superior barrier: Association of American Geographers, 110<sup>th</sup> (2015) Annual Meeting, Chicago, IL, April 21-25.
227. Higley, M.C., Fisher, T.G., Jol, H.M., Lepper, K., Goble, R.J., and Martin-Hayden, J.M., 2015. A contemporary story of a historical Lake Warren strandline from northwest Ohio: Geological Society of America North-Central Section, 49th Annual Meeting, May 19-20, Madison, WI, Abstracts with Program v. 47(5), p. 4.
226. \*Hilgendorf, A., Jol, H.M., Loope, W.L., and \*Morrison, S.M., 2015. Low frequency (50, 100, 200 MHz) ground penetrating radar analysis of the Nippissing beach ridge, Huron Mountains, MI: Geological Society of America North-Central Section, 49th Annual Meeting, May 19-20, Madison, WI, Abstracts with Program v. 47(5), p. 11.
225. \*Keicher, P.A., \*Morrison, S.M., Loope, W.L., and Jol, H.M., 2015. Interpretation of a paleo-inlet's depositional history: A ground penetrating radar investigation, Grand Island, MI: Geological Society of America North-Central Section, 49th Annual Meeting, May 19-20, Madison, WI, Abstracts with Program v. 47(5), p. 5.
224. Loope, W.L., and Jol, H.M., 2015. Early Holocene eolian activity in eastern Upper Michigan drove aggradation during transgressions of Glacial Lake Minong: Geological Society of America North-Central Section, 49th Annual Meeting, May 19-20, Madison, WI, Abstracts with Program v. 47(5), p. 21.
223. \*Luczak, J.N., \*Edel, C.E., Savage, C.E., Wagner, A.J. and Jol, H.M., 2015. Geochemical analysis of ancient pottery from Bethsaida, Israel using X-ray fluorescence: Geological Society of America North-Central Section, 49th Annual Meeting, May 19-20, Madison, WI, Abstracts with Program v. 47(5), p. 11.
222. \*Morrison, S.M., Jol, H.M., and \*Alger, R., 2015. Using radar stratigraphy analysis to identify erosion and deposition in the Duluth Bay Barrier, Lake Superior: Geological Society of America North-Central Section, 49th Annual Meeting, May 19-20, Madison, WI, Abstracts with Program v. 47(5), p. 30.
221. \*Wysocki, A.D., \*Aken, T.J., \*Olmstead, A.C., \*Adams, H.R., \*Morrison, S.M., Loope, W.L., and Jol, H.M., 2015. GPR imaging of a strandplain along Lake Superior: Huron Mountains, Michigan, USA: Geological Society of America North-Central Section, 49th Annual Meeting, May 19-20, Madison, WI, Abstracts with Program v. 47(5), p. 29.
220. Jol, H., Lopez, G., Cohen, H., Artzy, H., \*Luczak, J., and \*Lind, C., 2014. Preliminary ground penetrating radar results from explorations near the ancient anchorage of Kursi, Sea of Galilee, Israel. The 16<sup>th</sup> Annual Batchelder Conference for Biblical Archaeology, W.H. Thompson Alumni Center, University of Nebraska-Omaha, Omaha, NE, November 13-15, Program, p. 5.
219. \*Luczak, J., \*Edel, C., Savage, C., Wagner, A., and Jol, H., 2014. Preliminary Results of an Elemental Analysis of Ancient Pottery: Herodian Oil Lamps at Bethsaida, Israel. The 16<sup>th</sup> Annual Batchelder Conference for Biblical Archaeology, W.H. Thompson Alumni Center, University of Nebraska-Omaha, Omaha, NE, November 13-15, Program, p. 5.
218. \*Edel, C., \*Luczak, J., Goettl, M. and Jol, H., 2014. Bethsaida GPS Survey 2014: Using ArcGIS to Put the House of the Fisherman on the Map. The 16<sup>th</sup> Annual Batchelder Conference for Biblical Archaeology, W.H. Thompson Alumni Center, University of Nebraska-Omaha, Omaha, NE, November 13-15, Program, p. 5.
217. Jol, H., \*Lind, C., \*Luczak, J., \*Gugel, T., \*Edel, C., Freund, R., Arav, R., Darawsha, M., Savage, C., and Artzy, M., 2014. Geoarchaeological and Geomorphic Investigations in Northern Israel: Results from University of Wisconsin-Eau Claire's International Fellows Program. The 16<sup>th</sup> Annual Batchelder Conference for Biblical Archaeology, W.H. Thompson Alumni Center, University of Nebraska-Omaha, Omaha, NE, November 13-15, Program, p. 5.

216. \*Gugel, T., \*Lind, C., Jol, H., and Darawsha, M., 2014. The use of ground penetrating radar (GPR) in the Holy Cave of Nazareth, Israel. The 16<sup>th</sup> Annual Batchelder Conference for Biblical Archaeology, W.H. Thompson Alumni Center, University of Nebraska-Omaha, Omaha, NE, November 13-15, Program, p. 6.
215. Jol, H.M., Nobes, D., Kennedy, D.M., \*Charlton, B.G., \*Topper, N.D., \* Jaeger, N.H., and Mahon, L., 2014. Geomorphic investigations in New Zealand: Results from University of Wisconsin-Eau Claire's International Fellows Program. Geological Society of America, 126<sup>th</sup> Annual Meeting, October 19-22, Vancouver, BC, Abstracts with Program v. 46 (6), p. 192.
214. \*Keicher, P.A., \*Morrison, S.M., Jol, H.M., and Loope, W.L., 2014. Preliminary interpretations of a tombolo's depositional history: A ground penetrating radar investigation, Grand Island, MI. Geological Society of America, 126<sup>th</sup> Annual Meeting, October 19-22, Vancouver, BC, Abstracts with Program v. 46 (6), p. 345.
213. Artzy, M., López, G.I., Salmon, Y., and Jol, H.M., 2014. The effects of coastline changes on the ancient habitation patterns of Tel Akko/Acre, Eastern Mediterranean. Geological Society of America, 126<sup>th</sup> Annual Meeting, October 19-22, Vancouver, BC, Abstracts with Program v. 46 (6), p. 247.
212. Jol, H.M., López, G.I., Cohen, H., and Artzy, M., 2014. Initial GPR explorations near the ancient anchorage of Kursi, Seas of Gailee, Israel. Geological Society of America, 126<sup>th</sup> Annual Meeting, October 19-22, Vancouver, BC, Abstracts with Program v. 46 (6), p. 247.
211. Jol, H.M., Loope, W.L., and Fisher, T.G., 2014. Subsurface imaging of Miners Beach, MI USA: A Lake Superior Nipissing shoreline. Geological Society of America North-Central Section, 48<sup>th</sup> Annual Meeting, April 24-25, Lincoln, NE, MI, Abstracts with Program v. 46(4), p. 22.
210. Loope, H.M., Loope, W.L., Anderton, J.B., Jol, H.M., Fisher, T.G., and Goble, R.J., 2014. Optical and radiocarbon dating of the Nipissing transgression, southeastern Lake Superior basin. Geological Society of America North-Central Section, 48<sup>th</sup> Annual Meeting, April 24-25, Lincoln, NE, MI, Abstracts with Program v. 46(4), p. 61.
209. \* Morrison, S.M., Jol, H.M., Loope, W.L. and Jol, C.E., 2014. Interpreting historic lake levels from the internal architecture of a tombolo: A ground penetrating radar investigation of the Grand Island tombolo, MI, USA. Geological Society of America North-Central Section, 48<sup>th</sup> Annual Meeting, April 24-25, Lincoln, NE, MI, Abstracts with Program v. 46(4), p. 22.
208. Jol, H.M., 2013. The Church of the Annunciation (Greek Orthodox) in Nazareth: A recent GPR study. 15<sup>th</sup> Annual Batchelder Conference for Biblical Archaeology, University of Nebraska-Omaha, Omaha, NE, November 14-16, Program, p. 1.
207. Jewell, M., Ihinger, P., and Jol, H., 2013. Characterizing the Microstructure of the biblical archaeology materials: An overview. 15<sup>th</sup> Annual Batchelder Conference for Biblical Archaeology, University of Nebraska-Omaha, Omaha, NE, November 14-16, Program, p. 1.
206. Goettl, M., Jol, H., Silverman, D., Kuhn, H.W., 2013. A photomosaic basemap for Bethsaida Archaeological Excavations, Israel: Preliminary results. 15<sup>th</sup> Annual Batchelder Conference for Biblical Archaeology, University of Nebraska-Omaha, Omaha, NE, November 14-16, Program, p. 1.
205. Jol, H.M., Loope, W.L., Johnston, J.W., Breckenridge, A.J., Loope, H.M., Morrison, S.M., and Jol, C.E., 2013. GPR imaging of coastal sedimentary deposits along the Lake Superior shoreline of the Huron Mountains, Michigan, USA. Geological Society of America, 125<sup>th</sup> Anniversary Annual Meeting, October 27-30, Denver, CO, Abstracts with Program v. 45(7), p. 116.
204. Simenson, D., Jaeger, N., Charlton, B., Telitz, A., Thao, S., Topper, N., Ullrich, W., Alger, R., Hrdlicka, J., Kainz, D., Kisby, R., Koch, A., Westerlund, B., Jol, H.M., Larson, P., Stock, G., and Westerlund, E., 2013. Ground Penetrating Radar Investigation of El Capitan Moraine: Yosemite National Park, CA, USA: Preliminary Results. West Lakes Division of the Association of American Geographers, 2013 Annual Meeting, Eau Claire, WI, October 17-19, Program, p. 4.



203. Morrison, S.M., Jol, H.M., Loope, W.L. and Jol, C.E., 2013. A ground penetrating radar investigation of the Grand Island Tombolo, Michigan, USA: Preliminary results. West Lakes Division of the Association of American Geographers, 2013 Annual Meeting, Eau Claire, WI, October 17-19, Program, p. 4.
202. Arnevik, A.L., Jol, H., Loope, W., Loope, Loope, H., and Loope, L., 2013. Ground penetrating radar survey on an aeolian dune: Implications of climate change for Northeast Michigan, USA. West Lakes Division of the Association of American Geographers, 2013 Annual Meeting, Eau Claire, WI, October 17-19, Program, p. 4.
201. Simenson, D.L., Alger, R., Jol, H., Breckenridge, A., and Wattrus, N., 2013. Investigating the Duluth Bay Barrier: Subsurface imaging using ground penetrating radar: Duluth/Superior, Minnesota & Wisconsin, USA: Preliminary results. West Lakes Division of the Association of American Geographers, 2013 Annual Meeting, Eau Claire, WI, October 17-19, Program, p. 4.
200. Jol, H.M., 2013. Stratigraphy of coastal aeolian sand dunes: Models vs. GPR imaging. Geological Society of America North-Central Section, 47<sup>th</sup> Annual Meeting, May 2-3, Kalamazoo, MI, Abstracts with Program v. 45(4), p. 24.
199. Morrison, S.M., Struve, M.W., Roeglin, L.E., Jol, H.M., Faulkner, D.J., and Running, G.L., 2013. Incision and lateral migration along terraces of the lower Chippewa River Valley, WI, USA: A GPR investigation. Geological Society of America North-Central Section, 47<sup>th</sup> Annual Meeting, May 2-3, Kalamazoo, MI, Abstracts with Program v. 45(4), p. 64.
198. Loope, H.M., Liesch, M.E., Loope, W.L., Jol, H.M., Goble, R.J., Arnevik, A.L., and Legg, R.J., 2013. Early Holocene eolian activity, Huron Mountains, Upper Michigan. Geological Society of America North-Central Section, 47<sup>th</sup> Annual Meeting, May 2-3, Kalamazoo, MI, Abstracts with Program v. 45(4), p. 66.
197. Arnevik<sup>+</sup>, A.L., Jol, H.M., Loope, W.L., Loope, H.M., Loope, L., and Jol, C.E., 2013. Preliminary results of ground penetrating radar survey on two aeolian dunes: Implications of climate change for Northwest Michigan, USA. Association of American Geographers, 109<sup>th</sup> (2013) Annual Meeting, Los Angeles, CA, April 9-13, Program and Abstracts on CD-ROM.
196. Faulkner, D., Jol, H., and Running, G.L., 2013. Later Quaternary incision and terrace formation in the Lower Chippewa river valley: a case of long-term complex response. Association of American Geographers, 109<sup>th</sup> (2013) Annual Meeting, Los Angeles, CA, April 9-13, Program and Abstracts on CD-ROM.
195. <sup>+</sup>Tubbs Beaudette<sup>+</sup>, M., Quintana<sup>+</sup>, J.A., Kelly<sup>+</sup>, M.A., Arnevik<sup>+</sup>, A.L., Becker<sup>+</sup>, J.J., Simenson<sup>+</sup>, D.L., Stodola<sup>+</sup>, J.T., Yao<sup>+</sup>, T., Reber<sup>+</sup>, J.E., Drahnak<sup>+</sup>, M.T., Jol, H.M., Goettl, C., M., and Chan, J., 2013. Investigation of a coastal dune complex: Fort Ord Dunes State Park, California. Association of American Geographers, 109<sup>th</sup> Annual Meeting, Los Angeles, CA, April 9-13, Program and Abstracts on CD-ROM.
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10. Jol, H.M. and Smith, D.G., 1991. Ground-penetrating radar investigation of a wave-influenced delta. Society of Exploration Geophysicists, Sixty-first Annual International Meeting and Exposition, November 10-14, Houston, Texas, Expanded Abstracts of the Technical Program with Authors' Biographies, v. 1, p. 497-500. **(Honorable Mention - Meritorious Effort)**

9. Jol, H.M. and Smith, D.G., 1991. Ground penetrating radar: A brief overview and case study. *In: The CREWES Project (Consortium for Research in Elastic Wave Exploration Seismology)*, November 3-6, Banff, Alberta, Department of Geology and Geophysics, University of Calgary, Research Report, v. 3, p. 487-492.
8. Jol, H.M. and Smith, D.G., 1991. High resolution sequence stratigraphy using ground penetrating radar: A new approach. *In: 1991 NUNA Conference on High-Resolution Sequence Stratigraphy*, August 23-30, Banff, Alberta, Leckie, D.A., Posamentier, H.W. and Lovell, R.W.W. (eds.), Geological Association of Canada, Programme/Proceeding/Guidebook, p. 21-24.
7. Jol, H.M. and Smith, D.G., 1991. Ground penetrating radar of river deltas. 1991 Canadian Society of Exploration Geophysics National Convention, May 14-16, Calgary, Alberta, Program and Abstracts, p. 33. **(Honorable Mention)**
6. Jol, H.M. and Smith, D.G., 1991. Radar stratigraphy of modern fluvial and deltaic deposits using ground penetrating radar. Canadian Sedimentology Research Group Meeting, May 15-16, Calgary, Alberta.
5. Jol, H.M., Smith, D.G. and Tarrant, P.M., 1991. Ground penetrating radar of river deltas: Preliminary results. Canadian Association of Geographers, Western Division Annual Meeting, March 15-17, University of Calgary, Banff, Alberta, Schedule of Events and Abstracts.
4. Moorman, B.J., Smith, D.G., Judge, A.S., and Jol, H.M., 1990. Assessing the ability of ground penetrating radar to delineate different fluvial sediments. Third International Conference on Ground Penetrating Radar, May 14-18, 1990, Lakewood, Colorado, Abstracts of the Technical Meeting/Conference Program, p. 51.
3. Moorman, B.J., Smith, D.G., Judge, A.S. and Jol, H.M., 1990. Using ground penetrating radar as a sub-bottom profiler for delineating facies changes in fluvial deposits. Canadian Association of Geographers, Western Division Annual Meeting, March, 1990, University of British Columbia, Vancouver, British Columbia, Schedule of Events and Abstracts.
2. Roberts, M.C. and Jol, H., 1989. The application of high-resolution seismic reflection profiling to geomorphic problems. *In: Geoöko plus 1, 2nd International Conference on Geomorphology "Geomorphology and Geoecology"*, Frankfurt/Main, September 3-9, 1989, Abstracts of Papers and Posters, Busche, D. (ed.), v. I, p. 237.
1. Jol, H.M. and Roberts, M.C., 1987. Seismic stratigraphy of the southern Fraser Delta: Preliminary results. Canadian Association of Geographers, Western Division Annual Meeting, March 13-15, 1987, Simon Fraser University, Burnaby, British Columbia, Schedule of Events and Abstracts, p. 29.

#### **Workshop/Short Course/Symposiums**

34. Johnston, G. and Jol, H.M., 2023. Ground penetrating radar—principles, practice, and processing: Geological Society of America, 135<sup>th</sup> Annual Meeting, October 15-18, Pittsburgh, PA, Abstracts with Programs. Vol. 55, No. 6.
33. Jol, H.M., 2023. Overview of ground penetrating radar: Unmarked graves and geoarchaeological examples: UN Committee for the Missing Persons in Cyprus (CMP), Nicosia, Cyprus.
32. Jol, H.M., 2022. Ground penetrating radar: An introduction with case studies in geoarchaeological settings: Hamline University Archaeological Unit and Lakota Tribal Elders, (Virtual).
31. Jol, H.M., 2022, Strategic imaging of geomorphic, geologic and geoarchaeological landscapes: Program and Abstracts of the Nineteenth (19<sup>th</sup>) International Conference on Ground Penetrating Radar (GPR 2022), June 18-21, Colorado School of Mines, Golden, Colorado, United States, p. 12.
30. Jol, H.M., 2021. Introduction ground penetrating radar with selected geoarchaeological examples: UN Committee for the Missing Persons in Cyprus (CMP), Nicosia, Cyprus.

29. Jol, H.M., 2020, Video conferencing to move the field-based research datasets to dissemination: Mentoring Undergraduate Research Remotely During COVID-19, WisCUR 2020 Workshop, August 20.
28. Jol, H.M., 2019. Ground penetrating radar methodology: Archaeology: Geophysics in Archeology Student Workshop, Midwest Archaeological Conference, 63<sup>rd</sup> Annual Meeting, Mankato, MN, October 10-12.
27. Johnston, G. and Jol, H.M., 2019. Ground-penetrating radar—principles, practice, and processing: Geological Society of America, 131th Annual Meeting, September 22-25 September, Phoenix, AZ, Abstracts with Program, v. 51 (6).
26. Jol, H.M., 2018. Stratigraphic imaging of geomorphic, geologic and geoarchaeological landscapes: Greenberg Center for Judiac Studies, University of Hartford, Hartford, CT., October 18 and 19.
25. Johnston, G. and Jol, H.M., 2018. Ground-penetrating radar—principles, practice, and processing: Geological Society of America, 130th Annual Meeting, November 4-7, Indianapolis, IN, Abstracts with Program, v. 50 (6),
24. Jol, H.M., 2018. Stratigraphic imaging of geomorphic, geologic and geoarchaeological landscapes: Proceedings of the Seventeenth International Conference on Ground Penetrating Radar (GPR 2018), June 18-21, Rapperswil, Switzerland, p. 291-294.
23. Jol, H.M., 2018. Ground penetrating radar – Methods, Stratigraphy and applications: Post Graduate Program for Engineering Geologist and Geomorphologists, University of Canterbury, Christchurch, New Zealand, March 12 and 13.
22. Johnston, G. and Jol, H.M., 2017. Ground-penetrating radar—principles, practice, and [rocessing: Geological Society of America, 129th Annual Meeting, October 22-25, Seattle, WA, Abstracts with Program, v. 49 (6)
21. Jol, H.M., 2017. Ground penetrating radar for the earth sciences: 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).
20. Jol, H.M., 2016. GPR Imaging of geomorphic, geologic and geoarchaeological landscapes: From data collection to basic processing to radar stratigraphic interpretation: 16<sup>th</sup> International Conference of Ground Penetrating Radar 2016 (GPR'2016), June 13-16, The Hong Kong Polytechnic University, Hong Kong.
19. Jol, H.M., 2015. Ground penetrating radar overview. Drilling and Coring Summer Institute, LacCore and the Continental Scientific Drilling Coordination Office (CSDCO), August 21, University of Minnesota, Minneapolis, MN.
18. Berry, J., Jol, H., Macaul, S., Pattee, D., Raleigh, D., and Ryberg, R., 2007. After class groups: an update. 4<sup>th</sup> Annual Teaching and Learning Symposium, University of Wisconsin-Eau Claire, August 27, Abstracts, p. 10
17. Speer, D., Larson, P.H., Jol, H.M., Faulkner, D.J., and Running IV, G.L., 2007. Post-glacial history of the Lower Chippewa Valley, western Wisconsin: a progress report. Chippewa Valley Environmental Forum, May 2, p. 10.
16. Sternberg, C., Trombly, N.R., Jol, H.M., Faulkner, D.J., 2007. Geomorphic analysis of historical sedimentation in Half Moon Lake, Eau Claire, WI. Chippewa Valley Environmental Forum, May 2, p. 10.
15. Moore, L., Jol, H. and Kaminsky, G., 2000. Exploring correlation between shoreline progradation and climate indices, Southwest Washington. Fifth Southwest Washington Coastal Erosion Study Workshop, Olympia, WA, November 15-17, Abstracts, p. 50-51.
14. Jol, H. and Kaminsky, G., 2000. High resolution 2D and 3D ground penetrating radar datasets. Fifth Southwest Washington Coastal Erosion Study Workshop, Olympia, WA, November 15-17, Abstracts, p. 45-49.
13. Peterson, C., Jol, H., Percy, D., Phipps, J., Reckendorf, F., Vanderburgh, S. and Woxell, L., 2000. Correlation of shoreface retreat scarps, foredunes ridges, and Late-Holocene shoreline ages in the Columbia River Littoral cell, Washington-Oregon, USA. Fifth Southwest Washington Coastal Erosion Study Workshop, Olympia, WA, November 15-17, Abstracts, p. 38-41.



12. Jol, H.M., Junck, M.B., Kaminsky, G. and McCandless, D., 1999. High resolution ground penetrating radar imaging of late prehistoric and historical barrier progradation. Fourth Southwest Washington Coastal Erosion Study Workshop, Olympia, WA, November 17-19, Abstracts, p. 60-62.
11. Peterson, C., Reckendorf, R., Phipps, J., Percy, D., Vanderburgh, S., Woxell, L. and Jol, H.M., 1999. Dune ridge correlation between the Clatsop Plains and the northern subcells of the Columbia river littoral cell: late-Holocene paleo-shoreline reconstruction of SW Washington and NW Oregon, USA. Fourth Southwest Washington Coastal Erosion Study Workshop, Olympia, WA, November 17-19, Abstracts, p. 10-12.
10. Jol, H.M., Kaminsky, G. and Ruggerio, P. 1998. Recent beach progradation and high resolution ground penetrating radar lines. Southwest Washington Coastal Erosion Study Principal Investigator's Workshop, Lacey, WA, November 18-20, Abstracts, p. 20.
9. Jol, H., Peterson, C., Ruggerio, P., Vanderburgh, S. and Phipps, J. 1998. Beach morphology using ground penetrating radar. Southwest Washington Coastal Erosion Study Principal Investigator's Workshop, Lacey, WA, November 18-20, Abstracts, p. 21.
8. Jol, H., Vanderburgh, S., Peterson, C., Roberts, M., Phipps, J. 1998. Drill core correlation with ground penetrating radar profiles. Southwest Washington Coastal Erosion Study Principal Investigator's Workshop, Lacey, WA, November 18-20, Abstracts, p. 22.
7. Phipps, J., Peterson, C., Jol, H. and Vanderburgh, S. 1998. Origin and interpretation of sand dunes in the Grayland plains. Southwest Washington Coastal Erosion Study Principal Investigator's Workshop, Lacey, WA, November 18-20, Abstracts, p. 35.
6. Peterson, C., Qualman,, D., Herb, A. and Jol., H. 1998. Vibracoring of surf zone deposits in Columbia River littoral cell. Southwest Washington Coastal Erosion Study Principal Investigator's Workshop, Lacey, WA, November 18-20, Abstracts, p. 36.
5. Vanderburgh, S., Roberts, M.C., Peterson, C., Jol, H.M., Phipps, J. and Herb, A. 1998. 1998 drilling program on the Columbia littoral cell: part of the southwest Washington coastal erosion study. Southwest Washington Coastal Erosion Study Principal Investigator's Workshop, Lacey, WA, November 18-20, Abstracts, p. 46.
4. Jol, H.M., 1998. Southwest Washington Coastal Erosion Study Workshop, Shilo Inn, Ocean Shores, WA, March 5-6, Abstracts, p..
3. Jol, H. 1997. Interim progress report 1997 – ground penetrating radar. Southwest Washington Coastal Erosion Study Workshop, Abstracts of Work in Progress, p. 17.
2. Phipps, J.B., Jol, H.M., Peterson, C.D. and Vanderburgh, S. 1997. The role of the 300 yr tsunami in the building of the "Big Dune" on the Grayland Plains. Southwest Washington Coastal Erosion Study Workshop, Abstracts of Work in Progress, p. 19.
1. Woxell, L.K., Jol, H., Peterson, C., Phipps, J., Reckendorf, F. and Vanderburgh, S. 1997. Columbia littoral cell prehistoric accretion rates. Southwest Washington Coastal Erosion Study Workshop, Abstracts of Work in Progress, p. 20.

**Student/Faculty Research Presentations (@ Undergraduate Research Conferences)**

216. Barrow, M., Casaus, M, and Jol, H.M., 2024, Subsurface Imaging of the Glacial Lake Agassiz Tintah Shoreline: Glacial Ridge West, Polk County, Northwest Minnesota: Celebration of Excellence in Research and Creative Activity (31<sup>st</sup> Annual Student Research Days). University of Wisconsin-Eau Claire, April 22-26, Program and Abstracts of Student Presentations.
215. Solberg, J., Ju, F., Hanson, P., and Jol, H.M., 2024, Analysis of vegetated paired linear dune subsurface in the North-Central Nebraska Sandhills using ground penetrating radar: Celebration of Excellence in Research and Creative Activity (31<sup>st</sup> Annual Student Research Days). University of Wisconsin-Eau Claire, April 22-26, Program and Abstracts of Student Presentations.

214. Kruse, L., Cipar, J., Claas, L., Kvasnik, S., Redland, A., and Jol, H.M., 2024, A Geospatial Investigation of the Forgotten Jewish Community of Aizpute Latvia: Celebration of Excellence in Research and Creative Activity (31<sup>st</sup> Annual Student Research Days). University of Wisconsin-Eau Claire, April 22-26, Program and Abstracts of Student Presentations.
213. Cipar, J., Claas, L., Martinez Dettinger, M., Kruse, L., Kvasnik, S., McConnell, E., Redland, A., Reeder, J., and Jol, H.M., 2024, Using Shallow Subsurface Geophysics to Aid Latvian Communities that were Impacted by the Holocaust: Celebration of Excellence in Research and Creative Activity (31<sup>st</sup> Annual Student Research Days). University of Wisconsin-Eau Claire, April 22-26, Program and Abstracts of Student Presentations.
212. Gould, E., Shane, B., Fogarty, F., Krogstad, S., Heffernan, W., and Jol, H.M., 2024, A Chippewa River point bar, Eau Claire, WI: A three-dimensional geomorphic analysis: Celebration of Excellence in Research and Creative Activity (31<sup>st</sup> Annual Student Research Days). University of Wisconsin-Eau Claire, April 22-26, Program and Abstracts of Student Presentations.
211. Claas, L., Cipar, J., Kruse, L., Redland, A., Kvasnik, S., Martinez Dettinger, M., McConnell, E., Reeder, J., 2024, Investigating Holocaust/Shoah Mass Burials: Subsurface Imaging in Šķēde, Latvia: Celebration of Excellence in Research and Creative Activity (31<sup>st</sup> Annual Student Research Days). University of Wisconsin-Eau Claire, April 22-26, Program and Abstracts of Student Presentations.
210. Redland, A., Cipar, J., Claas, L., Martinez Dettinger, M., Kruse, L., Kvasnik, S., McConnell, E., Reeder, J., Goettl, M., and Jol, H.M., 2024, Applying geospatial technologies to verify the location of Holocaust Mass Execution Trenches in Liepāja, Latvia: Celebration of Excellence in Research and Creative Activity (31<sup>st</sup> Annual Student Research Days). University of Wisconsin-Eau Claire, April 22-26, Program and Abstracts of Student Presentations.
209. Claas, L., Cipar, J., Kruse, L., Redland, A., Kvasnik, S., Martinez Dettinger, M., McConnell, E., Reeder, J., 2024, Locating a Mass Execution Trench From The Holocaust/Shoah: Subsurface Imaging Within a Coastal Dune System, Šķēde, Latvia: National Conference on Undergraduate Research (NCUR) 2024, Long Beach, CA, April 8-10.
208. Kruse, L., Cipar, J., Claas, L., Kvasnik, S., Redland, A., and Jol, H.M., 2024, An Investigation of the Geospatial and Religious Dimensions of the Forgotten Jewish Community of Aizpute Latvia: National Conference on Undergraduate Research (NCUR) 2024, Long Beach, CA, April 8-10.
207. Barrow, M. and Jol, H., 2023. Subsurface imaging of a mass grave: An investigation within the Old Jewish Cemetery of Riga, Latvia: National Conference on Undergraduate Research (NCUR), University of Wisconsin-Eau Claire, Eau Claire, WI, April 13-15.
206. Blackert, Z. and Jol, H., 2023. Detecting a buried log flume and canals: A geophysical investigation of the subsurface: National Conference on Undergraduate Research (NCUR), University of Wisconsin-Eau Claire, Eau Claire, WI, April 13-15.
205. Guetschow, M. and Jol, H., 2023. Exploring the stratigraphy of the Duluth-Superior Barrier System of Lake Superior: An investigation using ground penetrating radar. National Conference on Undergraduate Research (NCUR), University of Wisconsin-Eau Claire, Eau Claire, WI, April 13-15.
204. Ihinger, D., and Jol, H., 2023. Using subsurface imaging to search for a Holocaust Mass Burial in Liepāja, Latvia: National Conference on Undergraduate Research (NCUR), University of Wisconsin-Eau Claire, Eau Claire, WI, April 13-15.
203. Katcher, J. and Jol, H., 2023. Stratigraphic analysis of paired vegetated linear dunes in the Nebraska Sand Hills using ground penetrating radar. National Conference on Undergraduate Research (NCUR), University of Wisconsin-Eau Claire, Eau Claire, WI, April 13-15.
202. Phillips, T. and Jol, H., 2023. Ground penetrating radar analysis of Holocaust mass grave site in Alytus, Lithuania: National Conference on Undergraduate Research (NCUR), University of Wisconsin-Eau Claire, Eau Claire, WI, April 13-15.

201. Radtke, I. and Jol, H., 2023. Jungfernhof: discovering a Holocaust burial pit using ground penetrating radar in Riga, Latvia. National Conference on Undergraduate Research (NCUR), University of Wisconsin-Eau Claire, Eau Claire, WI, April 13-15.
200. Vandenberg, K., and Jol, H., 2023. Foredune Change on the Duluth-Superior Barrier System: A GPR analysis: National Conference on Undergraduate Research (NCUR), University of Wisconsin-Eau Claire, Eau Claire, WI, April 13-15.
199. Wirkus, T. and Jol, H., 2023. Locating Jewish Holocaust sites near Alytus, Lithuania, using noninvasive ground penetrating radar. National Conference on Undergraduate Research (NCUR), University of Wisconsin-Eau Claire, Eau Claire, WI, April 13-15.
198. Hall, N., Fischer, A., Uchytel, G., Jol, H., Freund, R., Reeder, P., McClymont, A., Bauman, P., Konik, J., Jol, C., Beck, J., Singleton, K., Dettinger, M.M., and Miazaga, C., 2022. Holocaust Archaeology: Ground Penetrating Radar Subsurface Imagining of the Mila 18 Memorial in Warsaw, Poland, : 12<sup>th</sup> Annual Provost's Honors Symposium for Research, Scholarship, and Creative Activity, University of Wisconsin-Eau Claire, April 29, p. 16-17.
197. Burds, L., Beck, J., Mataitis, R., Jol, H., Freund, R.A., McClymont, A. and Bauman, P., 2022. The Good Nazi: Communicating UWEC's Undergraduate Research with film: Celebration of Excellence in Research and Creative Activity (30<sup>th</sup> Annual Student Research Days). University of Wisconsin-Eau Claire, April 25-29, Program and Abstracts of Student Presentations. p. 98.
196. Fischer, A., Uchytel, G., Hall, N., Jol, H., Freund, R., McClymont, A., Bauman, P., Konik, J., Reeder, P., Jol, C., Beck, J., Singleton, K., Dettinger, M.M., and Miazaga, C., 2022. The Ringleblum Archives, documentation of life during the Holocaust: A Ground Penetrating Radar Investigation of Krasińskich Park, Warsaw, Poland. Celebration of Excellence in Research and Creative Activity (30<sup>th</sup> Annual Student Research Days). University of Wisconsin-Eau Claire, April 25-29, Program and Abstracts of Student Presentations. p. 98.
195. Hall, N., Fischer, A., Uchytel, G., Jol, H., Freund, R., Reeder, P., McClymont, A., Bauman, P., Konik, J., Jol, C., Beck, J., Singleton, K., Dettinger, M.M., and Miazaga, C., 2022. Holocaust archaeology: Ground penetrating radar subsurface imagining of the Mila 18 Memorial in Warsaw, Poland: Celebration of Excellence in Research and Creative Activity (30<sup>th</sup> Annual Student Research Days). University of Wisconsin-Eau Claire, April 25-29, Program and Abstracts of Student Presentations. p. 97.
194. Woodle, M., Delikowski, H., Jol, H., and Jol, C., 2022. Investigating the internal stratigraphy of foredunes of the Duluth Barrier System: Application of ground penetrating radar on aeolian landforms critical for protecting vulnerable lakeshore communities: Celebration of Excellence in Research and Creative Activity (30<sup>th</sup> Annual Student Research Days). University of Wisconsin-Eau Claire, April 25-29, Program and Abstracts of Student Presentations. p. 97.
193. Fischer, A., Uchytel, Jol, H., Hanson, P., 2022. Ground penetrating radar investigation of the Nebraska Sandhills: Celebration of Excellence in Research and Creative Activity (30<sup>th</sup> Annual Student Research Days). University of Wisconsin-Eau Claire, April 25-29, Program and Abstracts of Student Presentations. p. 96.
192. Uchytel, G., Fischer, A., Hall, N., Jol, C., Bauman, P., Konik, J., Reeder, P., Beck, J., Freund, R.A., Singleton, K., Dettinger, M.M., and Miazaga, C., 2022. Archaeological ground penetrating radar investigation of the Bersohn and Bauman Jewish Children's Hospital in Warsaw, Poland: Locating potential Holocaust artifacts: Celebration of Excellence in Research and Creative Activity (30<sup>th</sup> Annual Student Research Days). University of Wisconsin-Eau Claire, April 25-29, Program and Abstracts of Student Presentations. p. 96.
191. Hall, N., Jol, H., Bauman, P., McClymont, A., Konik, J., Reeder, P., Jol, C., Beck, J., and Freund, R., 2022. Holocaust archaeology: GPR subsurface imaging of the Mila 18 Memorial in Warsaw, Poland: WISYS Quick Pitch, Celebration of Excellence in Research and Creative Activity (30<sup>th</sup> Annual Student Research Days). University of Wisconsin-Eau Claire, April 25-29, Program and Abstracts of Student Presentations. p. 35-36.

190. Jefferies, H., Wingren, C.P., Jerviss, K.M., Bergevin, L., Beck, J.D., Pupienis, D., Goettl, M.P., and Jol, H., 2021. Subsurface investigation of Cape Kolka, Latvia: A progradational strandplain along the Baltic Coast: Celebration of Excellence in Research and Creative Activity (29th Annual Student Research Days). University of Wisconsin-Eau Claire, April 19-23, Virtual Program and Abstracts of Student Presentations.
189. Uchytel, G., Lundquist, M., and Jol, H., 2021. Progradation on Wisconsin Point along the Superior Barrier using ground penetrating radar: Celebration of Excellence in Research and Creative Activity (29th Annual Student Research Days). University of Wisconsin-Eau Claire, April 19-23, Virtual Program and Abstracts of Student Presentations.
188. Blazanin, A., Fisher, A., and Jol, H., 2021. GPR Investigation of the Great Dune Ridge, Naglių Nature Reserve, Lithuania: A historic landscape threatened by natural and anthropogenic causes: Celebration of Excellence in Research and Creative Activity (29th Annual Student Research Days). University of Wisconsin-Eau Claire, April 19-23, Virtual Program and Abstracts of Student Presentations.
187. Adams, T.M., Layton, P.J., and Jol, H.M., 2020. Investigating aeolian sand dunes in the Niobrara River Valley, Nebraska Sand Hills, U.S.A: Celebration of Excellence in Research and Creative Activity (28<sup>th</sup> Annual Student Research Days). University of Wisconsin-Eau Claire, April 27-May1, Virtual Program and Abstracts of Student Presentations.
186. Jerviss, K.M., Beck, J.D., Bergevin, L.J., Wingren, C.P., Jefferies, H.E., Fuerstenberg, M.M., and Jol, H.M., 2020. Using Subsurface Imagery to Locate the Old Ramayles Yeshiva in Vilnius, Lithuania: Celebration of Excellence in Research and Creative Activity (28<sup>th</sup> Annual Student Research Days). University of Wisconsin-Eau Claire, April 27-May1, Virtual Program and Abstracts of Student Presentations.
185. Sailer-Haugland, E.J., Bergevin, L.J., and Jol, H.M., 2020. Subsurface Imaging at Usha Archaeological Site, Israel: Searching for the Lost Synagogue: Celebration of Excellence in Research and Creative Activity (28<sup>th</sup> Annual Student Research Days). University of Wisconsin-Eau Claire, April 27-May1, Virtual Program and Abstracts of Student Presentations.
184. Wingren, C.P., Beck, J.D., Bergevin, L., J., Jerviss, K.M., Jefferies, H.E., Fuerstenberg, M.M., and Jol, H.M., 2020. Locating execution trenches using geophysical survey methods at Fort IX, Kaunas, Lithuania: Holocaust Geoarchaeology: Celebration of Excellence in Research and Creative Activity (28<sup>th</sup> Annual Student Research Days). University of Wisconsin-Eau Claire, April 27-May1, Virtual Program and Abstracts of Student Presentations.
183. Fuerstenberg, M.M., Bergevin, L.J., Wingren, C.P., Jefferies, H.E., Jerviss, K.M., and Jol, H.M., 2020. Documenting and photographing archaeological research at a Holocaust mass extermination site: A rare opportunity at Fort IX in Kaunas, Lithuania: Celebration of Excellence in Research and Creative Activity (28<sup>th</sup> Annual Student Research Days). University of Wisconsin-Eau Claire, April 27-May1, Virtual Program and Abstracts of Student Presentations.
182. Beck, J., and Jol, H.M., 2019. Searching for the Lithuanian Anne Frank: A GPR investigation: 9th Annual Provost's Honors Symposium for Research, Scholarship, and Creative Activity, University of Wisconsin-Eau Claire, May 3, p. 11-12.
181. Bergevin, J., Beck, J., and Jol, H.M., 2019. Examining ancient coastlines and archeological features at Tel Akko, Israel: Using 3d ground penetrating radar imaging: 9th Annual Provost's Honors Symposium for Research, Scholarship, and Creative Activity, University of Wisconsin-Eau Claire, May 3, p. 12.
180. Beck, J., Schneider, S., Fuerstenberg, M., Kofman, C., and Jol, H.M., 2019. Investigating the Trakas Holocaust mass execution site: Subsurface imaging: Celebration of Excellence in Research and Creative Activity (27<sup>th</sup> Annual Student Research Days). University of Wisconsin-Eau Claire, April 29-May 3, Program and Abstracts of Student Presentations, p. 83-84.

179. Beck, J., Bergevin, L., Guenther, A., Limberg, T., Mangin, M., Wood, H., and Jol, H.M., 2019. Investigating the Eastern Algodones Dune Field of Southern California III: Subsurface imaging: Celebration of Excellence in Research and Creative Activity (27<sup>th</sup> Annual Student Research Days). University of Wisconsin-Eau Claire, April 29-May 3, Program and Abstracts of Student Presentations, p. 32.
178. Beck, J., Schneider, S., Fuerstenberg, M., Kofman, C., and Jol, H.M., 2019. Locating subsurface structures at the Krošinskių Manor in Rokiškis, Lithuania: Celebration of Excellence in Research and Creative Activity (27<sup>th</sup> Annual Student Research Days). University of Wisconsin-Eau Claire, April 29-May 3, Program and Abstracts of Student Presentations, p. 84.
177. Bergevin, L., and Jol, H.M., 2019. Subsurface imaging at Magdala, Israel: Better understanding a former fishing village along the Sea of Galilee: Celebration of Excellence in Research and Creative Activity (27<sup>th</sup> Annual Student Research Days). University of Wisconsin-Eau Claire, April 29-May 3, Program and Abstracts of Student Presentations, p. 84.
176. Bergevin, L., Beck, J., and Jol, H.M., 2019. Exploring the subsurface of an ancient harbor at Tel Akko, Israel: Using 3D ground penetrating radar imaging and software: Celebration of Excellence in Research and Creative Activity (27<sup>th</sup> Annual Student Research Days). University of Wisconsin-Eau Claire, April 29-May 3, Program and Abstracts of Student Presentations, p. 85.
175. Blouin, W., Beck, J., Schneider, S., and Jol, H.M., 2019. Applying interpolation methods for ground penetrating radar topographic correction at a Lithuanian Holocaust mass burial site: Celebration of Excellence in Research and Creative Activity (27<sup>th</sup> Annual Student Research Days). University of Wisconsin-Eau Claire, April 29-May 3, Program and Abstracts of Student Presentations, p. 81.
174. Drost, E., Beck, J., and Jol, H.M., 2019. Aeolian processes of the “Dead Dunes”, Nagliai Nature Reserve, Lithuania: A ground penetrating radar investigation: Celebration of Excellence in Research and Creative Activity (27<sup>th</sup> Annual Student Research Days). University of Wisconsin-Eau Claire, April 29-May 3, Program and Abstracts of Student Presentations, p. 86.
173. Fuerstenberg, M., Beck, J., Kofman, C., Schneider, S. and Jol, H.M., 2019. Ground penetrating radar examinations of a Jewish ritual bathhouse in Pandėlys (Ponedel), Lithuania: Celebration of Excellence in Research and Creative Activity (27<sup>th</sup> Annual Student Research Days). University of Wisconsin-Eau Claire, April 29-May 3, Program and Abstracts of Student Presentations, p. 114.
172. Galloway, M., Hanson, P., Goettl, M., Rickey, B., Walker, W., and Jol, H.M., 2019. Investigating the Eastern Algodones Dunes, Southern California II: Using geospatial techniques: Celebration of Excellence in Research and Creative Activity (27<sup>th</sup> Annual Student Research Days). University of Wisconsin-Eau Claire, April 29-May 3, Program and Abstracts of Student Presentations, p. 33.
171. Guenther, A., Rickey, B., Beck, J., Schneider, S., and Jol, H.M., 2019. Comparing antennae frequencies (225, 450 and 900 MHz) of a windblown dune, Kuršių Nerija National Park, Lithuania: Celebration of Excellence in Research and Creative Activity (27<sup>th</sup> Annual Student Research Days). University of Wisconsin-Eau Claire, April 29-May 3, Program and Abstracts of Student Presentations, p. 86.
170. Jerviss, K., Schneider, S., and Jol, H.M., 2019. Topographic correction of GPR Lines, Curonian Spit Sand Dunes: Celebration of Excellence in Research and Creative Activity (27<sup>th</sup> Annual Student Research Days). University of Wisconsin-Eau Claire, April 29-May 3, Program and Abstracts of Student Presentations, p. 87.
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#### **Field Trip Leader/Co-Leader**

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5. Reckendorf, F., Peterson, C., Jol, H.M., Vanderburgh, S., Phipps, J., Twichell, D., and Baker, D., 2003. Holocene coastal processes in the Columbia River Cell. A Field Guide for the Northwest Cell of the Friends of the Pleistocene Field Conference, Pacific County, WA and Clatsop County, OR, Sept. 26-28.
4. Jol, H.M., 2002. Deglaciation and Holocene landscape evolution in Eastern Upper Michigan. A Field Guide for the 48<sup>th</sup> Midwest Friends of the Pleistocene Field Conference, Grand Marais and Munising, MI, May 31 – June 2.
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1. Smith, D.G., Currey, D., Oviatt, C.G. and Jol, H.M. 1997. Lake Bonneville Classic Depositional Shore Features: Geochronology, Geomorphology, Stratigraphy, and Sedimentology, Geological Society of America, Annual Meeting, Salt Lake City, UT, October 19.

#### **Panel Member**

- Jol, H.M., 2020. The Secrets of the Great Synagogue of Vilna: The Vilna Schul, Boston's Center for Jewish Culture, November 1.
- Jol, H.M., 2018. UHart DocFest: University of Hartford, Hartford, CT, October 18.
- Jol, H.M., 2017. Special Premiere: "Holocaust Escape Tunnel": Geological Society of America Joint 52nd Northeastern Annual Section and 51st North-Central Annual Section Meeting, March 19-21, Pittsburgh, Pennsylvania, Abstracts with Program.
- Jol, H.M. 2006. Coastal photographs – developing a new coastal photo CD. Association of American Geographers, 102nd (2006) Annual Meeting, Chicago, IL, March 7-11, 2006 Annual Meeting Program, p. 156.

## Reports/Open Files

9. [Geoscientists without Borders report on geophysical research of Holocaust sites](#) – see: [seg.org/About-SEG/Geoscientists-Without-Borders/Projects/detail/Lithuania](#)
8. Jol, H. and Kaminsky, G., 2002. High resolution 2D and 3D ground penetrating radar datasets. Southwest Washington Coastal Erosion Workshop Report 2000. Edited by G. Gelfenbaum and G.M. Kaminsky, United States Geological Survey, Open-File Report 02-229: 99-104.
7. Moore, L., Jol, H. and Kaminsky, G., 2002. Exploring correlation between shoreline progradation and climate indices, Southwest Washington. Southwest Washington Coastal Erosion Workshop Report 2000. Edited by G. Gelfenbaum and G.M. Kaminsky, United States Geological Survey, Open-File Report 02-229: 105-111.
6. Peterson, C., Jol, H., Percy, D., Phipps, J., Reckendorf, F., Vanderburgh, S. and Woxell, L., 2002. Correlation of shoreface retreat scarps, foredunes ridges, and Late-Holocene shoreline ages in the Columbia River Littoral cell, Washington-Oregon, USA. Southwest Washington Coastal Erosion Workshop Report 2000. Edited by G. Gelfenbaum and G.M. Kaminsky, United States Geological Survey, Open-File Report 02-229: 75-78.
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4. Viavattine, A.P., Haughton, P.V., Jol, H.M., and Running IV, G.L. 2002. A ground penetrating radar investigation of Mound B, the West Prairie Mound Group, Fort McCoy, Monroe County, Wisconsin. A report prepared for the Department of Defense, United States Army Reserve Command, Directorate of Training and Mobilization, 34 pp, appendices and CD-ROM.
3. Jol, H.M., 2000. Ground Penetrating Radar Report. *In* Cave of Letters Excavations Report for G-100/1999 and 2000 Proposal to the Antiquities Authority of Israel.
2. Reeder, P, Jol H.M., Shroder Jr., J.F., and Freund, R.A., 1999. Cave of Letters Excavations Report for G-100/ 1999. Technical Report Prepared for the Antiquities Authority of Israel. Jerusalem, Israel. 48p.
1. Pullan, S.E., Jol, H.M., Gagne, R.M. and Hunter, J.A. 1989. Compilation of high resolution "optimum offset" shallow seismic reflection profiles from the southern Fraser River Delta, British Columbia. Geological Survey of Canada, Open File No. 1992, 16 pp.

## Invited Research/University/Community Presentations (1993-2024)

- Jol, H.M., 2024. Adventures in Aotearoa | New Zealand: Travels and field investigations in my favorite place: Chippewa Valley Learning in Retirement (CVLR), Rassbach Heritage Museum, Menomonie, WI, April 25.
- Jol, H.M., 2024. Mapping of historic Jewish Sites in Lithuania. Keynote Address at Third Annual Europe: Consider it all! Conference, The University of North Carolina at Chapel Hill Center for Europe Studies (A Jean Monnet Center of Excellence), April 6.
- Jol, H.M., 2024. Locating Unmarked Graves and Holocaust Mass Burials: Examples from a Wisconsin Potters Field to the Killing Fields of Eastern Europe: Optimist Club – Chippewa Falls, Chippewa, WI, January 31.
- Jol, H.M., 2023. How the Holocaust Began (BBC Documentary): Russell J. Rassbach Heritage Museum, Chippewa Valley Learning in Retirement Series, November 9.
- Clark, S., and Jol, H., 2023. Are you thinking about going to grad school? Earth Science Seminar Series, Eau Claire, WI, October 18.
- Blackert, Z., and Jol, H.M., 2023. Subsurface Investigations of the Lumber Industry at Eau Claire's Half Moon Lake: Canals, Flumes, and Industrial Organic Waste: Russell J. Rassbach Heritage Museum, Chippewa Valley Learning in Retirement Series, March 6.

- Jol, H.M., 2023. Subsurface imaging of geomorphic and geoarchaeological environments: From the shorelines of Lake Bonneville to the aeolian stratigraphy of Zion National Park to the Holocaust mass burial sites in Eastern Europe: Guy F. Atkinson Endowed Distinguished Lecture Series, University of Utah, March 30.
- Jol, H.M., Barrows, M., and Ihinger, D., 2022. Using geoscience to search for and locate Holocaust mass execution trenches in Latvia. Earth Sciences Seminar Series, University of Wisconsin-Eau Claire, December 11.
- Clark, S., and Jol, H., 2022. Are you thinking about going to grad school? Earth Science Seminar Series, Eau Claire, WI, October 18.
- Jol, H.M., 2022. UWEC's Holocaust Mapping Program 2022 Recent Results: Finding the Execution Trenches of Liepāja: Chippewa Valley Learning in Retirement, Russell J. Rassbach Heritage Museum, Menomonie, WI, September 30.
- Hall, N., and Jol, H. 2022. Holocaust Archaeology: Ground Penetrating Radar Subsurface Imaging of the Mila 18 Memorial in Warsaw, Poland: Undergraduate Research at the University of Wisconsin System Board of Regents Meeting, Eau Claire, WI, September 29.
- Jol, H.M., 2022. Brigham Young University.
- Jol, H.M., 2022. UWEC's Holocaust Mapping Program: Subsurface Imaging of Mass Execution and Burial Sites: Lion's Club, Eau Claire County Country Club, February 24.
- Jol, H.M., 2021. Tales from the Lagoon: Finding the Lost Shtetl of Rumsheshok: Chippewa Valley Learning in Retirement, Russell J. Rassbach Heritage Museum, Menomonie, WI, November 17.
- Doane, S., Williams, D., Jol, H., Goettl, M., and Wirkus, T., 2021. Dunn County Potter's Field: An overview and recent research | Field visit: Chippewa Valley Learning in Retirement, Russell J. Rassbach Heritage Museum, Menomonie, WI, May 24.
- Jol, H.M., 2021. Subsurface geomorphic investigations of coastal, aeolian and geoarchaeological environments: Washington and Oregon: Department of Geological Sciences Seminar Series, Central Washington University, May 14.
- Jol, H.M., 2021. Tales from the Lagoon Finding the lost Shtetl of Rumshishok: with Matz, E., Freund, R., McClymont, A., and Bauman, P.; The Vilna Shul (Virtual), April 11.
- Jol, H.M., 2021. Subsurface imaging of coastal shorelines: From the Great Lakes to the Pacific Northwest and onwards to Lake Bonneville: Department of Geological Sciences Seminar Series, Brigham Young University (Virtual), March 25
- Jol, H.M., 2021. The science behind "The Good Nazi (film)" (Intersection of Science and History): with Freund, R., McClymont, A., and Reeder, P.; Classroom without Borders (Virtual), March 10.
- Jol, H.M., 2021. Finding Matilda The Anne Frank of Lithuania: with Freund, R., Reeder, P., Shaer, M., and Cardillo, S.; The Vilna Shul (Virtual), January 27.
- Jol, H.M., 2020. The Secrets of the Great Synagogue of Vilna: with Freund, R., Seligman, J., and Reeder, P.; The Vilna Shul (Virtual), November 1.
- Jol, H.M., 2020. Looking for Matilda Olkin The Anne Frank of Lithuania: UWEC's Holocaust Geoarchaeology Program: University of Wisconsin-Eau Claire Alumni Association – Eau Claire Bluegrass Nights Facebook Live, July 22.
- Clark, S., and Jol, H., 2019. Are you thinking about going to grad school? Earth Science Seminar Series, Eau Claire, WI, October 18.
- Jol, H.M., 2019. The Good Nazi: Film and Discussion; Meals with Honors Lecture Series, University of Wisconsin-Eau Claire, September 18.
- Jol, H.M., 2019. Major Meet and Greet & "Connections" presentation: Bluegrass Welcome, Open Day presentation, September 3.

- Jol, H.M., 2019. Matilda Olkin: The Anne Frank of Lithuania: Floyde's Senior Moments (The Ben and Floyde Sias Trust), Onalaska Public Library, Onalaska, WI, August 28.
- Jol, H.M. 2019. Unearthing the Holocaust: Trinity Lutheran Lecture Serices, Eau Claire, WI, May 8 and 15.
- Jol, H.M. 2019. Holocaust Geoarchaeology: Imaging Mass Execution and Burial Sites in Lithuania: Guest Lecture, University of Wisconsin-Eau, Eau Claire, WI, April 29.
- Jol, H.M., 2019. The Search for the Mass Execution and Burial Site of Matilda Olkin: The Anne Frank of Lithuania: Meals with Honors, University of Wisconsin-Eau Claire, April 17.
- Jol, H.M., 2019. The Search for the Mass Execution and Burial Site of Matilda Olkin: The Anne Frank of Lithuania: Chippewa Valley Learning in Retirement, Russell J. Rassbach Heritage Museum, Menomonie, WI, April 2.
- Jol, H.M., 2019. Investigating the Sand Dunes of Antarctica: Chippewa Valley Learning in Retirement, Russell J. Rassbach Heritage Museum, Menomonie, WI, March 19.
- Jol, H.M., 2018 Biblical archaeology: Nazareth: Trinity Lutheran Lecture Series, , Eau Claire, WI, Decebmer 7 and 10.
- Jol, H.M., 2018. The Good Nazi: Chippewa Valley Learning in Retirement, Russell J. Rassbach Heritage Museum, Menomonie, WI, November 15.
- Jol, H.M., 2018. Imaging mass execution and burial sites in Lithuania: An earth science approach to Holocaust Geoarchaeology: University of Hartford President's Lecture Series, University of Hartford, Hartford, CT, October 19.
- Jol, H.M. 2019. Holocaust Geoarchaeology: Imaging Mass Execution and Burial Sites in Lithuania: Guest Lecture, Holocaust and Genocide: Voices of the Families' Suffering, Loss and Survival, University of Wisconsin-Eau, Eau Claire, WI, October 9.
- Jol, H.M., 2018. The Good Nazi: A Wisconsin Premire: Earth Science Seminar Series & UWEC Alumni, Davies Center, University of Wisconsin-Eau Claire, Eau Claire, WI, September 28.
- Jol, H.M., 2018. Stratigraphic analysis: Using subsurface imaging to better understand geologic and geomorphic environments: Department of Geological Sciences Departmental Seminar, University of Canterbury, Christchurch, New Zealand, May 30.
- Jol, H.M., 2018. Ground penetrating radar imaging: Aeolian landscapes within Victoria Valley (Dry Valleys, Antarctica) and Davis Snowfield, Franz Josef Glacier (New Zealand): Gateway Antarctica Research Meeting, University of Canterbury, Christchurch, New Zealand, May 17.
- Jol, H.M., 2018. Imaging mass execution and burial sites in Lithuania: An earth science approach to Holocaust geoarchaeology: Research Talk, University of Canterbury, Christchurch, New Zealand, May 11.
- Jol, H.M., 2018. Ground penetrating radar applications: Case studies from geologic, geomorphic and geoarchaeological environments: Australasian Institute of Mining and Metallurgy (AusIMM), Christchurch Branch, Golders, Christchurch, New Zealand, May 10.
- Jol, H.M., 2018. Imaging the subsurface: Understanding how natural and human processes shape our present landscapes: Frontiers Abroad, University of Canterbury, Christchurch, New Zealand, March 5.
- Jol, H.M., 2017. Uncovering WWII Jewish Escape Tunnel in Lithuania's Ponar Forest: Chippewa Valley Learning in Retirement, Russell J. Rassbach Heritage Museum, Menomonie, WI, November 15.
- Jol, H.M., 2017. International Science Communication: WiSys Board of Trustees, University of Wisconsin- Eau Claire, October 11.
- Jol, H.M., Burds, L., and Beck, J., 2017. NOVA: Holocaust Escape Tunnel and Discussion. Golden Blugolds, University Alumni, University of Wisconsin-Eau Claire, September 29.

- Jol, H.M., 2017. KI at the University of Wisconsin-Eau Claire: Exploring Liberal Education, University of Wisconsin-Eau Claire, September 13.
- Jol, H.M. and Kleinschmidt, A., 2017. Uncovering WWII Jewish Escape Tunnel in Lithuania's Ponar Forest: Milwaukee Jewish Federation, Helfaere Community Service Building, May 21, Milwaukee, WI.
- Jol, H.M., 2017. From the shores of Lake Superior and Michigan: L.E. Phillips Senior Center, May 11, Eau Claire, WI.
- Jol, H.M., 2017. Research Vignettes from Lithuania II: L.E. Phillips Senior Center, April 12, Eau Claire, WI.
- Jol, H.M., and Erickson, J., 2017. Research Vignettes from Lithuania: L.E. Phillips Senior Center, March 8, Eau Claire, WI.
- Jol, H.M., 2017. The horror and hope of the Holocaust: An earth science perspective from Lithuania: Earth Science Seminar Series, Spring 2007, University of Wisconsin-Eau Claire, February 10, Eau Claire, WI.
- Jol, H.M., 2017. A Story of Horror and Hope in Lithuania: Research Vignettes from Vilnius: University of Wisconsin-Eau Claire Alumni Association Let's Do Lunch Lecture Series, Eau Claire Golf and Country Club, January 25, Eau Claire, WI.
- Jol, H.M., 2016. From the Shores of Lake Superior and the Baltic Coast to Horrors of Ponar Killing Camp: L.E. Phillips Senior Center, December 15, Eau Claire, WI.
- Jol, H.M., 2016. The Horror and Hope of the Ponar Killing Camp, Lithuania: Meals with Honors, University of Wisconsin-Eau Claire, November 15.
- Jol, H.M., 2016. A Story of Horror and Hope: Investigating the Ponar Extermination Camp and the Great Synagogue and Shulhoyf of Vilna, Lithuania: Annual Perspectives on the Baltics Lecture, Center for Russia, East Europe, and Central Asia, Center for Jewish Studies, University of Wisconsin-Madison, October 20.
- Jol, H.M., 2016. KI at the University of Wisconsin-Eau Claire: IDIS 187.206 – Exploring Liberal Education, University of Wisconsin-Eau Claire, October 13.
- Jol, H.M., 2016. Stratigraphic Analysis using ground penetrating radar: Department of Archaeology, University of Denver, September 28.
- Jol, H.M., 2016. The Use of Portable XRF in Archaeological Investigations: UWEC Student/Faculty Studies in Israel, Greece and Sicily: Materials Science Seminar Series, University of Wisconsin-Eau Claire, September 19.
- Jol, H.M., 2016. Rhodes, Greece: UWEC's Collaborative Research Project – Part 2: L.E. Phillips Senior Center, May 5, Eau Claire, WI.
- Jol, H.M., 2016. Rhodes, Greece: UWEC's Collaborative Research Project – Part 1: L.E. Phillips Senior Center, April 7, Eau Claire, WI.
- Jol, H.M., 2016. The shores of Lake Superior: L.E. Phillips Senior Center, March 3, Eau Claire, WI.
- Jol, H.M., 2016. Antarctica: Imaging the sand dunes of Victoria Valley: L.E. Phillips Senior Center, February 4, Eau Claire, WI.
- Jol, H.M., 2016. The Great Synagogue of Vilna, Ponary Extermination Camp and Baltic Coast: A collaborative research expedition: University of Wisconsin-Eau Claire Alumni Association Let's Do Lunch Lecture Series, Eau Claire Golf and Country Club, May 27, Eau Claire, WI.
- Jol, H.M., and Richardson, S., 2015. Recent Discoveries in the Holy Land: From the \_Judean hills\_ to Nazareth Mosaic to Bethsaida Pottery. L.E. Phillips Senior Center, December 4, Eau Claire, WI.
- Jol, H.M. and Bushnell, J., 2015. Ancient Refuge of the Holy Land: Cave of Letters, Israel Part 2. L.E. Phillips Senior Center, November 5, Eau Claire, WI.
- Jol, H.M. and Bushnell, J., 2015. Ancient Refuge of the Holy Land: Cave of Letters, Israel Part 1. L.E. Phillips Senior Center, October 8, Eau Claire, WI.

- Jol, H.M., 2015. Imaging the Subsurface: Examples from Archaeological Sites in Israel. Eau Claire Noon Kiwanis Club, Eau Claire Golf and Country Club, August 27, Eau Claire, WI.
- Jol, H.M., 2015. Imaging the Shores of Lake Superior: From Duluth to the Huron Mountains to Pictured Rocks. University of Wisconsin-Eau Claire Alumni Association Let's Do Lunch Lecture Series, Eau Claire Golf and Country Club, May 27, Eau Claire, WI.
- Jol, H.M. and Bushnell, J., 2015. Galilee Landscape. L.E. Phillips Senior Center, May 12, Eau Claire, WI.
- Jol, H.M. and Morrison, S., 2015. Subsurface imaging of Lakes Superior's coastal deposits: Examples from the Duluth Barrier, Grand Island, and the Huron Mountains: University of Minnesota, Duluth, Department of Geology Seminar Seminar Series, March 12, Duluth, MN.
- Jol, H.M. and Bushnell, J., 2015. Bethsaida Revealed. L.E. Phillips Senior Center, April 14, Eau Claire, WI.
- Jol, H.M. and Bushnell, J., 2015. Unearthing Bethsaida. L.E. Phillips Senior Center, March 10, Eau Claire, WI.
- Jol, H.M. and Bushnell, J., 2015. Explorations at Qumran, Israel: Site of the Dead Sea Scrolls. L.E. Phillips Senior Center, March 10, Eau Claire, WI.
- Jol, H.M., 2015. Rhodes, Greece: Imaging the Past. University of Wisconsin-Eau Claire Alumni Association Let's Do Lunch Lecture Series, Eau Claire Golf and Country Club, February 26, Eau Claire, WI.
- Jol, H.M. and Bushnell, J., 2014. Looking into the Western Wall, Jerusalem, Israel. L.E. Phillips Senior Center, December 8, Eau Claire, WI.
- Jol, H.M., 2014. What's beneath the surface? Using ground penetrating radar to better understand geomorphic environments: Examples from around the world. School of Earth Science and Geological Engineering, Sun Yat-Sen University, June 10, Guangzhou, China.
- Jol, H.M. and Freitas, S., 2014. From Middle Earth and Beyond: Investigating New Zealand's South Island through UW-Eau Claire's International Fellows Program. University of Wisconsin-Eau Claire Alumni Association Let's Do Lunch Lecture Series, May 28, Eau Claire, WI.
- Jol, H.M. and Bushnell, J., 2014. New discoveries in Nazareth: Mary's Well. L.E. Phillips Senior Center, April 17, Eau Claire, WI.
- Jol, H.M. & Goettl, M., 2014. UWEC Research in Israel: Update. University of Wisconsin-Eau Claire Alumni Association Let's Do Lunch Lecture Series, January 30, Eau Claire, WI.
- Jol, H.M., 2008. Biblical Archaeology. "Ask a Scientist!" Series, September 23, Acoustic Café, Eau Claire, WI.
- Jol, H.M., 2008. Graves, caves, and cities: biblical archaeology explorations in Israel. Primetime Friends (Seniors), First Congregational, May 21, Eau Claire, WI.
- Jol, H.M. 2008. Research in Antarctica. Roosevelt Elementary School presentation, February 8, Eau Claire, WI.
- Jol, H.M. 2007. Antarctica: Imaging sand dunes of in the McMurdo Dry Valleys. Department of Earth Sciences Lecture Series, November 26, Simon Fraser University, Burnaby, BC, Canada.
- Jol, H.M. 2007. Investigating the Sand Dunes of Antarctica. University of Wisconsin-Eau Claire Alumni Association Let's Do Lunch Lecture Series, May 30, Eau Claire, WI.
- Jol, H.M., 2007. Archaeological adventures in Israel: Searching the past, Looking into the Future. Plymouth United Church of Christ, May 16, Eau Claire, WI.
- Jol, H.M. 2007. Maps! Roosevelt Elementary School presentation, May 9, Eau Claire, WI.
- Jol, H.M., 2007. Antarctica: Imaging sand dunes of Victoria Valley. Community Presentation, University of Wisconsin-Eau Claire, February 25.

- Jol, H.M., 2007. Antarctica (Event K015): Imaging sand dunes of Victoria Valley. Earth Science Seminar Series, Spring 2007, University of Wisconsin-Eau Claire, January 26.
- Jol, H.M. 2007. Adventures in Antarctica! Roosevelt Elementary School presentation, January 19, Eau Claire, WI.
- Jol, H.M. 2007. Adventures in Antarctica! Midelfort Luther Childcare Center presentation, January 19, Eau Claire, WI.
- Jol, H.M., 2007. Recent archaeological adventures in Israel: Searching the past, Looking into the Future. Lake Street United Methodist Women, January 9, Eau Claire, WI.
- Jol, H.M., 2006. Recent archaeological adventures in Israel: Searching the past, Looking into the Future. Lake Street Men's Group, September 16, Eau Claire, WI.
- Jol, H.M. and Pascal, E., 2006. Recent archaeological adventures in Israel: Searching the past, Looking into the Future. Eau Claire Rotary Guest Speaker, August 21, Eau Claire, WI.
- Jol, H.M., 2006. Find the right spot! Geophysical investigations in Israel. University of South Florida Departments of Geography, Anthropology and Geology – Evening of Invited Talks – “From the Cave of Letters to Qumran: Geoarchaeological Research in the Holyland”, February 22.
- Jol, H.M., 2006. What's beneath the surface? Using GPR to better understand geomorphic and archaeological sites: Examples from USA, Canada, Israel, New Zealand, and Australia. University of South Florida Departments of Geography and Anthropology Seminar Series, February 22.
- Dalenta, C. and Jol, H.M., 2005. Holy Sites/Sights: Photography, Archaeology, Earth Science. Earth Science and Geography Seminar Series, Fall 2005, University of Wisconsin-Eau Claire, December 2.
- Jol, H.M., 2005. What's beneath the surface? Using GPR to better understand geomorphic and archaeological sites: Examples from USA, Canada, Israel, Australia, New Zealand and France, Quaternary Paleoecology Seminar Series, University of Minnesota, November 2.
- Jol, H.M. 2005. Archaeological Explorations in Israel. Chippewa Valley Museum Lecture Series, May 14, Eau Claire, WI.
- Ihinger, P., and Jol, H.M. 2005. Tsunamis and Earthquakes: A Dynamic Earth. Menomonie Area Science Forum, The Wisconsin Society of Science, March 30, Menomonie, WI.
- Jol, H.M., 2005. What's beneath the surface? Using GPR to better understand archaeological and geomorphic sites: Examples from USA, Israel and New Zealand. Departments of Geology and Archaeology Lecture Series, Oberlin College, February 24.
- Ihinger, P., and Jol, H.M. 2005. Tsunamis and Earthquakes: A Dynamic Earth. University of Wisconsin-Eau Claire Alumni Association Let's Do Lunch Lecture Series, February 23, Eau Claire, WI.
- Jol, H.M. 2005. Finding the Right Spot! Geoarchaeological Research from Fort McCoy, WI to Qumran, Israel. Eau Claire Rotary Guest Speaker, January 24, Eau Claire, WI.
- Jol, H.M. 2004. Geoarchaeological Adventures in the Holy Land. University of Wisconsin-Eau Claire Alumni Association Let's Do Lunch Lecture Series, December 29, Eau Claire, WI.
- Jol, H.M., 2004. Is this where Jesus bathes? Recent investigations at a bathhouse in Nazareth, Israel.. Breakfast with a Professor, University Honors Program, Eau Claire, WI, November 23.
- Jol, H.M., 2004. Graves, Caves and Cities: Recent Biblical Archaeology Explorations in Israel. First Lutheran Seminar Series, Eau Claire, WI, Oct. 9.
- Jol, H.M., 2004. Mega-Earthquakes, El Nino and Archaeology along the Columbia River Littoral Cell, Pacific Northwest, USA. Earth Science Seminar Series, University of Wisconsin-Eau Claire, October 8.
- Jol, H.M., 2004. What's beneath the surface? Using ground penetrating radar to better understand geomorphic and archaeological sites: Examples from USA, Israel & New Zealand. Department of Geosciences Colloquium Series, University of Wisconsin-Milwaukee, April 23.

- Jol, H.M., 2004. Who is buried at Qumran? Site of the Dead Sea Scrolls discovery (& other questions from Biblical archaeological sites in Israel). First Fridays, University of Wisconsin-Eau Claire, April 2.
- Jol, H.M., 2004. What's beneath the surface? Using ground penetrating radar to better understand geomorphic and archaeological sites: Examples from USA, Israel & New Zealand. Department of Earth, Ecological and Environmental Sciences Seminar Series, University of Toledo, March 26.
- Jol, H.M., 2004. Looking into the subsurface at Biblical sites, Israel. University of Wisconsin-Eau Claire Christian Network Forum, Eau Claire, WI, March 11.
- Jol, H.M., 2004. Noninvasive imaging of archaeological significant sites in Israel: Qumran, Cave of Letters, and Bethsaida. Department of Geophysics Seminar Series, Stanford University, Palo Alto, CA, March 4.
- Jol, H.M., 2004. Looking for archaeological significant caves and graves: examples from Israel (Qumran), Wisconsin (Fort McCoy) & New Zealand (Maori). Physical Geography Seminar Series, University of Wisconsin-Eau Claire, Eau Claire, WI, February 13.
- Jol, H.M., 2004. What's beneath the surface? Using ground penetrating radar (GPR) to better understand coastal deposits and archaeological sites. Spring 2004. Department of Geological Sciences Seminar Series, University of Minnesota, Duluth, February 5.
- Jol, H.M., 2003. In search of Dead Sea scrolls and graves, Qumran, Israel. Department of Archaeology Seminar Series, Simon Fraser University, Burnaby, British Columbia, Canada, November 6.
- Jol, H.M., 2003. What's under the beach? Visualizing the subsurface using ground penetrating radar. King Fisher Resort and Village, Fraser Island, Australia, KFRV Seminar Series.
- Jol, H.M., 2003. GPR and the Physical Environment – Investigations into glacial, aeolian, fluvial and coastal environments. Department of Geography Seminar Series, University of Canterbury, Christchurch, New Zealand, April 30.
- Jol, H.M., 2003. Field applications of GPR in archaeology (Cave of Letters, Israel) and geomorphology (tectonic coastal USA). Geological Society of New Zealand (Canterbury Branch), Christchurch, New Zealand, April 29
- Jol, H.M., 2003. In search of Dead Sea scrolls and graves, Qumran, Israel. Department of Geological Sciences Seminar Series, University of Canterbury, Christchurch, New Zealand, March 26.
- Jol, H.M., 2002. Ground penetrating radar in sediments. Department of Geology and Geophysics Lecture Series, University of Wisconsin-Madison, Madison, WI, December 12.
- Jol, H.M., 2002. Looking for caves and graves at Qumran, Israel: a ground penetrating radar perspective. Madison Biblical Archaeology Society Lecture Series, University of Wisconsin-Madison, Madison, WI, December 11.
- Jol, H.M., 2002. Using ground penetrating radar in search of caves and graves along the Dead Sea Trench, Israel, University of Calgary Lecture Series, Calgary, AB, September 18.
- Jol, H.M., 2002. Investigations in Israel. The News, Affiliation of Christian Geologists, Summer, p. 4.
- Jol, H.M., 2002. Looking for caves and graves at Qumran, Israel. EKKO Update, Sensors and Software, June, p.1-2.
- Jol, H.M., 2002. Investigations at the Cave of Letters, Israel. University of Wisconsin-Eau Claire Alumni Luncheon Guest Speaker, University Retired Faculty, Eau Claire, WI, May 9.
- Jol, H.M., 2002. Ground penetrating results at the Qumran, Israel. Part of panel discussing the "The Results of the Dead Sea Scrolls Excavation, Qumran 2001", California State University-Long Beach, Long Beach, CA, May 3
- Jol, H.M., 2002. Return to the Cave of Letters – The Movie. Faculty Research Forum, University of Wisconsin – Eau Claire, Eau Claire, WI, February 13.
- Jol, H.M., 2002. Return to the Cave of Letters – The Movie. Pizza with a Professor, Honors Program, University of Wisconsin – Eau Claire, Eau Claire, WI, April 19.



- Jol, H.M., 2002. Return to the Cave of Letters – The Movie. Geography Club Presentation, University of Wisconsin – Eau Claire, Eau Claire, WI, April 18.
- Jol, H.M., 2001. Cave of Letters, Israel. Association of Christian Geologists, Geological Society of America Annual Meeting Boston, MA, November 6.
- Jol, H.M., 2001. Cave of Letters. GTU Dinner Speaker, University of Wisconsin-Eau Claire, May.
- Jol, H.M., 2001. Cave of Letters, Israel. Lake Street United Methodist Church Lecture Series, May.
- Jol, H.M., 2001. Resumes and Cover Letters. Geography Club, University of Wisconsin-Eau Claire, May.
- Jol, H.M., 2001. Adventures from Down Under. Geography Club, University of Wisconsin-Eau Claire, May.
- Jol, H.M., 2001. Cave of Letters. Breakfast with Professor, Honors Program, University of Wisconsin-Eau Claire, March 13.
- Jol, H.M., 2001. Ground penetrating radar: methodology and applications. Spring 2001 Department of Geological Sciences Seminar Series, University of Minnesota, Duluth, March 8.
- Jol, H.M., 2000. Dunes, coasts and caves: ground penetrating radar studies. VU (Free University), Amsterdam, The Netherlands, October 6
- Jol, H.M. 2000. Ground Penetrating Radar: Planes, Tanks, FBI, Rivers and Lakes. Chippewa County In-service Training Lecture Series. Chippewa Falls, WI, January 17.
- Jol, H.M. 1999. Return to the Cave of Letters (Israel): a GPR perspective. Faculty Research Forum, University of Wisconsin – Eau Claire, Eau Claire, Wisconsin, November 10.
- Jol, H.M. and Mahoney, B., 1999. Update on the computers. Faculty Research Forum, University of Wisconsin – Eau Claire, Eau Claire, Wisconsin, May 2.
- Jol, H.M. 1998. Ground penetrating radar: bodies, planes, peat bogs and coasts. University of Wisconsin-Eau Claire Honors Class Lecture Series, Eau Claire, WI, October 22.
- Jol, H.M. 1998. Progress report of ground penetrating radar research along the West Coast. City of Long Beach Community Awareness Lecture Series, Long Beach City Hall, Long Beach, WA, August 5.
- Jol, H.M. 1998 Progress report of ground penetrating radar research along the West Coast. Columbia River Estuary Study Taskforce (CREST) Public Lecture Series, Astoria Maritime Museum, Astoria, Oregon, August 4.
- Jol, H.M. 1998. Remote sensing update for teachers of Wisconsin. Wisconsin Geographic Alliance, University of Wisconsin-Eau Claire, Wisconsin, June 19.
- Jol, H.M. 1998. Geographic information systems (GIS) update for teachers of Wisconsin. Wisconsin Geographic Alliance, University of Wisconsin-Eau Claire, Wisconsin, June 19.
- Jol, H.M. 1998. Ground penetrating radar: methodology and applications. Department of Geosciences Lecture Series, Indiana University Northwest, Gary, Indiana, April 10.
- Jol, H.M. 1998. Ground penetrating radar: methodology and applications. Department of Geology Lecture Series, University of Illinois – Chicago, Chicago, Illinois, April 9.
- Jol, H.M. 1998. Ground penetrating radar: methodology and applications. Department of Geology Lecture Series, University of South Florida, Tampa, Florida, March 18.
- Jol, H.M. 1998. Ground penetrating radar: methodology and applications. Coastal and Marine Division, United States Geological Survey, St. Petersburg, Florida, March 17.
- Jol, H.M. 1998. Ground penetrating radar results - SW coastal erosion program. SW Coastal Erosion Program Workshop, Ocean Shores, Washington, March 6.

- Jol, H.M. 1998. Ground penetrating radar: methodology and applications. Faculty Research Forum, University of Wisconsin – Eau Claire, Eau Claire, Wisconsin, February 18.
- Jol, H.M. 1997. Ground penetrating radar: methodology and applications. Jonathan O. Davis Colloquium Series, Quaternary Sciences Center of the Desert Research Institute, Reno, Nevada, December 15.
- Jol, H.M. 1997. Ground penetrating radar results - SW coastal erosion program. SW Coastal Erosion Program Workshop, Department of Ecology, Lacey, Washington, November 21.
- Jol, H.M. 1997. Ground penetrating radar: methodology and applications. Center for Geophysical Investigation of the Shallow Subsurface, Boise State University, June 26.
- Jol, H.M. 1997. Ground penetrating radar: methodology and applications. University of Calgary, Alberta, April 22.
- Jol, H.M. 1996. Ground penetrating radar of Quaternary Environments. Pacific Geoscience Centre, Geological Survey of Canada, Sydney, British Columbia, May 24.
- Jol, H.M. 1996. Ground penetrating radar: coastal environments. University of Wisconsin-Eau Claire, Wisconsin, April 25.
- Jol, H.M. 1996. Environmental hazards: debris flows in mountainous terrain. University of Wisconsin-Eau Claire, Wisconsin, April 25.
- Jol, H.M. 1996. Ground penetrating radar: applications in Quaternary studies. University College of the Fraser Valley, British Columbia, March 1.
- Jol, H.M. 1996. Jobs in physical geography: a geomorphologist's perspective. Trinity Western University, Langley, British Columbia, February 29.
- Jol, H.M. 1996. Ground penetrating radar: a new approach to the earth sciences. Western Michigan University, Kalamazoo, Michigan, February 19.
- Jol, H.M. 1996. Geotechnical aspects of debris flows in mountainous terrain. University of New Brunswick, Fredericton, New Brunswick, February 8.
- Jol, H.M. 1996. Ground penetrating radar: a new approach to the earth sciences. University of New Brunswick, Fredericton, New Brunswick, February 9.
- Jol, H.M. 1995. Ground penetrating radar: a new approach to the earth sciences. Douglas College, New Westminster, British Columbia, December 5.
- Jol, H.M. 1995. GPR: An effective geophysical approach for selected geologic environments. University of British Columbia, Department of Geology and Geophysics, November 2.
- Jol, H.M. 1995. Ground penetrating radar: applications and analogues for oil and gas exploration. Ulster Petroleum, Inc., Burnaby, British Columbia, October 25.
- Jol, H.M. 1995. Ground penetrating radar: a new approach to the earth sciences. The University of Utah, Salt Lake City, Utah, October 23.
- Jol, H.M. 1995. Ground penetrating radar: application to geomorphic and Quaternary problems. Institute for Quaternary Research, Simon Fraser University, Burnaby, British Columbia, April 7.
- Jol, H.M. 1995. Ground penetrating radar: a research summary. Jacksonville University, Jacksonville, Florida, April 11.
- Jol, H.M. 1995. Geotechnical aspects of debris flows in mountainous terrain. Jacksonville University, Jacksonville Florida, April 11.
- Jol, H.M. 1995. Ground penetrating radar: a new approach to the earth sciences. The University of West Florida, Pensacola, Florida, April 12.
- Jol, H.M. 1995. GIS: Data Quality. The University of West Florida, Pensacola, Florida, April 13.

- Jol, H.M. 1995. Ground penetrating radar: a new approach to the earth sciences. University of Toronto, Toronto, Ontario, April 6.
- Jol, H.M. 1995. Geotechnical aspects of debris flows in mountainous terrain. University of Toronto, Toronto, Ontario, April 5.
- Jol, H.M. 1995. Application of geophysical methods to environmental and geomorphic problems. Indiana University, Bloomington, Indiana, March 23.
- Jol, H.M. 1995. Ground penetrating radar: a new approach to the earth sciences. Indiana University, Bloomington, Indiana, March 22.
- Jol, H.M. 1995. Ground penetrating radar: a new approach to the earth sciences. University College of the Fraser Valley, Abbotsford, British Columbia, March 15.
- Smith, D.G. and Jol, H.M. 1994. Ground-penetrating radar (GPR): applications to coastal plain sedimentology and depositional models. Exxon Production Research, Houston, Texas, Feb.
- Jol, H.M. 1993. 25 MHz example from Utah. Sensors and Software Inc., EKKO Update, April.
- Jol, H.M. 1993. Ground penetrating radar. Can. Assoc. of Geog. (WD), Newsletter, January, p.1.
- Jol, H.M. 1993. Ground penetrating radar: recent results. Presentation for FATS (Friday Afternoon Talks), Department of Geology and Geophysics, University of Calgary, January 22.

#### **Newsletters**

Editor for the Coastal Letters – the newsletter of the Coastal and Marine Geography Specialty Group of the Association of America Geographers (from 1997 – 2002)

#### **Newspaper and Website Articles (reporting about research and teaching)**

*- available upon request*

#### **Videos & Books (that research is presented in)**

[Resistance They Fought Back](#), 2023. A Documentary by Directors Paula S. Aspell and Kirk Wolfinger

[How the Holocaust Began](#), 2023. A Documentary by the British Broadcasting Corporation.

[The Secrets of the Great Synagogue of Vilna](#), 2023. A Documentary by Loïc Salfati, Institute Francais, Lituanie

Freund, R.A., 2019. The Archaeology of the Holocaust: Vilna, Rhodes, and Escape Tunnels: Rowan and Littlefield Publishers, 296 p.

[The Good Nazi](#), 2018. Associated Producers, 2018.

[Holocaust Escape Tunnel](#), 2017. NOVA Productions, Public Broadcasting Corporation.

Freund, R.A., 2023. Digging through History Again: New Discoveries from Atlantis to the Holocaust: Rowan and Littlefield Publishers, 184 p.

Freund, R.A., 2012. Digging through History: Archaeology and Religion from Atlantis to the Holocaust: Rowan and Littlefield Publishers, 278 p.

Freund, R.A., 2008. Digging through the Bible: Understanding Biblical People, Places, and Controversies through Archaeology: Rowan and Littlefield Publishers, 352 p.

NOVA Productions, 2005. Ancient Refuge in the Holy Land, Public Broadcasting Corporation.

Freund, R.A., 2004. Secrets of the Cave of Letters: Rediscovering a Dead Sea Mystery: Humanity Books, 280 p.

Milone, C., 2001. Return to the Cave of Letters, University of Nebraska at Omaha Public Television

Wessells, S.M., Gelfenbaum, G., Kaminsky, G., 1998. At ocean's edge: coastal change in Southwest Washington, Washington State Department of Ecology, coastal Monitoring and Analysis Program, Publication No. 98-116 (video), 20 min.

### DataSets

The Southwest Washington Coastal Erosion Study: Catalog of Data Sets, 1999. Ground penetrating radar datasets 1996, 1997, 1998. p. 35-36.

### Research and Academic Support/Contracts

2024	Summer Research Experiences for Undergraduates, UWEC (Heunisch, Fogarty)
2024	Summer Research Experiences for Undergraduates, UWEC (Wirkus, Sinykin)
2024	Binational Science Foundation – Haifa Bay Barrier System
2024	L.E. Philips Family Foundation
2024	International Fellows Program (UWEC) – Holocaust Mapping Latvia & Lithuania (Anderson, Olski, Rocha, Ziemer)
2023/24	Student/Faculty Collaboration Grant, UWEC (Claas, Redland)
2023/24	Student/Faculty Collaboration Grant, UWEC (Kruse)
2023/24	Student/Faculty Collaboration Grant, UWEC (Kvasnik)
2023/24	Student/Faculty Collaboration Grant, UWEC (Cipar)
2023/24	Guest Lecturers, Artists, and Other Professionals, ORSP Grant – UW-Eau Claire
2023	L.E. Philips Family Foundation
2023	Jeff Liddicoat, UWEC Foundation
2023	International Fellows Program (UWEC) – Holocaust Mapping Latvia & Lithuania (Cipar, Class, Kvasnik, Kruse, Redland)
2023	Summer Research Experiences for Undergraduates, UWEC (Kruse)
2023	Summer Research Experiences for Undergraduates, UWEC (Cipar)
2023	Summer Research Experiences for Undergraduates, UWEC (Kvasnik)
2023	Summer Research Experiences for Undergraduates, UWEC (Redland, Claas)
2023	International Fellows Program (UWEC) – New Zealand (Sough Island) (Blackert, Guetschow, Vandenberg)
2023	Diversity Mentoring (Solberg)
2022/23	Guest Lecturers, Artists, and Other Professionals, ORSP Grant – UW-Eau Claire
2022/23	Student/Faculty Collaboration Grant, UWEC (Barrow)
2022/23	Student/Faculty Collaboration Grant, UWEC (Kruse)
2022/23	Student/Faculty Collaboration Grant, UWEC (Kvasnik)
2022/23	Student/Faculty Collaboration Grant, UWEC (Cipar)
2022	L.E. Philips Family Foundation
2022	Jeff Liddicoat, UWEC Foundation
2022	International Fellows Program (UWEC) – Holocaust Mapping Latvia & Lithuania (Barrow, Ihinger, Radtke, Phillips, Wirkus)
2022	Summer Research Experiences for Undergraduates, UWEC (Radtke, Barrow)
2022	Summer Research Experiences for Undergraduates, UWEC (Phillips, Wirkus)
2022	Summer Research Experiences for Undergraduates, UWEC (Ihinger)
2022	Diversity Mentoring Grant (Barrow)
2022	Student/Faculty Collaboration Grant, UWEC (Fisher)
2021/22	Guest Lecturers, Artists, and Other Professionals, ORSP Grant – UW-Eau Claire
2021/22	Student/Faculty Collaboration Grant, UWEC (Uchytel)
2021/22	Student/Faculty Collaboration Grant, UWEC (Hall)
2021/22	Student/Faculty Collaboration Grant, UWEC (Fisher)
2021	L.E. Philips Family Foundation = Holocaust Mapping Latvia & Lithuania

(Fischer, Hall, Uchytíl)

2021 Jeff Liddicoat, UWEC Foundation  
2019/20 Student/Faculty Collaboration Grant, UWEC (Uchytíl)  
2019/20 Student/Faculty Collaboration Grant, UWEC (Jefferies)  
2020/21 Guest Lecturers, Artists, and Other Professionals, ORSP Grant – UW-Eau Claire  
2020 Binational Science Foundation with University of Haifa  
2019/20 Guest Lecturers, Artists, and Other Professionals, ORSP Grant – UW-Eau Claire  
2019/20 Student/Faculty Collaboration Grant, UWEC (Jefferies)  
2019/20 Student/Faculty Collaboration Grant, UWEC (Wingren)  
2019/20 Student/Faculty Collaboration Grant, UWEC (Bergevin)  
2019/20 Student/Faculty Collaboration Grant, UWEC (Jerviss)  
2019 International Fellows Program (UWEC) – Lithuania  
(Bergevin, Jefferies, Jerviss, Wingren)  
2019 Geoscientists Without Borders  
2019 Summer Research Experiences for Undergraduates (Jefferies, Jerviss)  
2019 Summer Research Experiences for Undergraduates (Wingren)  
2019 Summer Research Experiences for Undergraduates (Bergevin)  
2019 University of Hartford (Lithuania)  
2019 United States Embassy - Lithuania  
2019 Binational Science Foundation with University of Haifa – Tel Akko  
2019 University of Nebraska, Lincoln – Nebraska Sand Hills  
2018/19 Student/Faculty Collaboration Grant, UWEC (Bergevin)  
2018/19 Student/Faculty Collaboration Grant, UWEC (Blouin)  
2018/19 Student/Faculty Collaboration Grant, UWEC (Schneider)  
2018/19 Student/Faculty Collaboration Grant, UWEC (Beck)  
2018/19 Guest Lecturers, Artists, and Other Professionals, ORSP Grant – UW-Eau Claire  
2018 International Fellows Program (UWEC) – Lithuania (Vilnius, Rokiškis, Neolithic, Baltic Coast)  
(Kofman, Fuerstenberg, Beck & Schneider)  
2018 Summer Research Experiences for Undergraduates, UWEC (Beck & Schneider)  
2018 Binational Science Foundation with University of Haifa – Tel Akko  
2018 Erskine Fellowship, University of Canterbury, New Zealand  
2018 Department of Geological Sciences, University of Canterbury, New Zealand  
2017/18 Student/Faculty Collaboration Grant, UWEC (Burds)  
2017/18 Student/Faculty Collaboration Grant, UWEC (Mataitis)  
2017/18 Student/Faculty Collaboration Grant, UWEC (Beck)  
2017/18 Binational Science Foundation (with University of Haifa)  
2017/18 University Research and Creative Activity Grant - UW-Eau Claire  
2017/18 Guest Lecturers, Artists, and Other Professionals, ORSP Grant – UW-Eau Claire  
2017 International Fellows Program (UWEC) – Lithuania (Vilnius, Kaunas, Neolithic, Baltic Coast)  
(Burds, Mataitis, Beck, Erickson)  
2017 US State Department, Lithuania  
2017 Kaunas and Vilnius, Lithuania – University of Hartford  
2017 Summer Research Experiences for Undergraduates (UWEC) – Coastal (Mataitis)  
2017 Nazareth, El Araj, Mt Zion, Israel – University of Hartford  
2017 Student/Faculty Collaboration Grant, UWEC (Mataitis)  
2016/17 Student/Faculty Collaboration Grant, UWEC (Seamans)  
2016/17 Student/Faculty Collaboration Grant, UWEC (Stilson/Burds)  
2016/17 McNair Scholar (UWEC) – Rasu Prison, Lithuania (Kleinschmidt)  
2016/17 Student/Faculty Collaboration Grant, UWEC (Erickson)  
2016/17 Diversity Mentoring Grant, UWEC (Kleinschmidt)

2016/17 Guest Lecturers, Artists, and Other Professionals, ORSP Grant – UW-Eau Claire  
2016 International Fellows Program (UWEC) – Lithuania (Vilnius, Ponar Extermination Camp, Baltic Coast) (Seamans, Kleinschmidt, Erickson, Wavrin)

2016 Summer Research Experiences for Undergraduates (UWEC) - Geoarchaeology  
2016 Summer Research Experiences for Undergraduates (UWEC) - Michigan  
2016 Rhodes, Greece – University of Hartford

2015/16 Guest Lecturers, Artists, and Other Professionals, ORSP Grant – UW-Eau Claire  
2015 McNair Scholar (UWEC) – Rib Lake  
2015 Student/Faculty Collaboration Grant, UWEC  
2015 US State Department, Vilnius, Lithuania  
2015 Huron Mountain Wildlife Foundation - Michigan  
2015 University Research and Creative Activity Grant - UW-Eau Claire  
2015 Summer Research Experiences for Undergraduates (UWEC) - Wisconsin  
2015 Summer Research Experiences for Undergraduates (UWEC) - Michigan  
2015 Lake Bonneville, University of Utah  
2015 Northern Israel, University of Hartford  
2015 Greece, Rhodes, University of Hartford

2014/15 Guest Lecturers, Artists, and Other Professionals, ORSP Grant – UW-Eau Claire  
2014 Lake Bonneville, University of Utah  
2014 Student/Faculty Collaboration Grant, UWEC  
2014 International Fellows Program (UWEC) - Israel (Nazareth, Bethsaida, Tel Akko, Tel Regev, Kursi)  
2014 Huron Mountain Wildlife Foundation - Michigan  
2014 Summer Research Experiences for Undergraduates (UWEC) - Michigan  
2014 UW System Waste Manage Grant – Rib Lake  
2014 Summer Research Experiences for Undergraduates (UWEC) – Michigan  
2014 Special Call: Undergraduate Research Experience (UWEC)  
2014 International Fellows Program (UWEC) - New Zealand (South Island – Haast, Farewell Spit, Ashburton Lakes)

2013/14 Guest Lecturers, Artists, and Other Professionals, ORSP Grant – UW-Eau Claire  
2013 Huron Mountain Wildlife Foundation - Michigan  
2013 Faculty/Student Collaboration Grant University of Wisconsin-Eau Claire  
2013 Summer Research Experiences for Undergraduates (UWEC) - Michigan  
2013 Summer Research Experiences for Undergraduates (UWEC) - Minnesota  
2013 University Research and Creative Activity Grant - UW-Eau Claire

2012/13 Guest Lecturers, Artists, and Other Professionals, ORSP Grant – UW-Eau Claire  
2012 Nazareth Excavations Project (Israel), University of Hartford  
2012 Huron Mountain Wildlife Foundation - Michigan  
2012 Faculty/Student Collaboration Grant University of Wisconsin-Eau Claire

2011/12 Guest Lecturers, Artists, and Other Professionals, ORSP Grant – UW-Eau Claire  
2011 United States Geology Survey – Upper Peninsula, Michigan  
2008 United States Geological Survey – Sand Point (with University of Toledo)  
2008 Louisiana State University – Gulf Coast  
2008 Summer Research Experiences for Undergraduates (UWEC) - Michigan  
2008 Summer Research Experiences for Undergraduates (UWEC) - Chippewa  
2008 University of Nebraska at Omaha – Himalayan Workshop  
2007 Faculty/Student Collaboration Grant University of Wisconsin-Eau Claire (x3)  
2007 Peatland Geophysics Workshop (NSF -Rutgers University)  
2007 University Research and Creative Activity Grant - UW-Eau Claire  
2007 Summer Research Experiences for Undergraduates (UWEC) - Israel  
2007 Summer Research Experiences for Undergraduates (UWEC) - Chippewa

2007 Solid Waste Research Program (UW-System)  
 2007 Birbeck – University College of London  
 2007 Mount Sinai (Negev, Israel) Research Expedition  
 2007 University of Hartford  
 2007 Half Moon Lake Outlet Project – City of Eau Claire  
 2007 UWEC – Israel  
 2006 UWEC - Office of Research and Sponsored Programs –Antarctica  
 2006 UWEC – Provosts Office - Antarctica  
 2006 University of Auckland  
 2006 Antarctica New Zealand  
 2006 University of Auckland  
 2006 Lesson Study Training Grant Award  
 2006 Portland State University  
 2006 Oregon Department of Geology and Mineral Industries  
 2006 Faculty/Student Collaboration Grant University of Wisconsin-Eau Claire (x2)  
 2006 Summer Research Experiences for Undergraduates (UWEC)  
 2006 UWEC – Foundation  
 2006 Foundation Stone – Yavne, Israel  
 2006 University of Hartford - Israel  
 2005 United States Fish and Wildlife  
 2005 Faculty/Student Collaboration Grant University of Wisconsin-Eau Claire  
 2005 United States Geological Survey (USGS - W. Loope)  
 2005 Summer Research Experiences for Undergraduates (UWEC)  
 2005 University Research and Creative Activity Grant - UW-Eau Claire  
 2005 Foundation Stone – Yavne, Israel  
 2005 University of Hartford - Israel  
 2004 Faculty/Student Collaboration Grant University of Wisconsin-Eau Claire  
 2004 Sea Grant, University of Toledo, OH (T. Fisher)  
 2004 United States Geological Survey (USGS - W. Loope)  
 2004 Natural Sciences and Engineering Research Council (NSERC - D.G. Smith)  
 2004 Summer Research Experiences for Undergraduates (UWEC)  
 2004 University Research and Creative Activity Grant - UW-Eau Claire  
 2004 Mitchum Law Firm  
 2003 Foundation Stone - Yavne  
 2003 University Research and Creative Activity Grant - UW-Eau Claire  
 2003 Faculty/Student Collaboration Grant University of Wisconsin-Eau Claire  
 2003 University of Hartford - Israel  
 2003 Mitchum Law Firm  
 2003 Summer Research Experiences for Undergraduates (UWEC)  
 2002 John F. Merrill, Jr. Multi-Site Archaeological Project Israel 2002 Season  
 2002 University Research and Creative Activity Grant - UW-Eau Claire  
 2002 Geographix Software Grant  
 2002 Academic Affairs Professional Development Grant – Guest Speaker Program  
 2002 Faculty/Student Collaboration Grant University of Wisconsin-Eau Claire (x 2)  
 2002 University of Nebraska - Omaha, Bethsaida, Israel  
 2002 University of Hartford - Israel  
 2002 Ayres and Associates – GPR Testing of Wastewater Site  
 2002 Summer Research Experiences for Undergraduates (UWEC)  
 2002 Sea Grant – Oregon Paleo-Dune Study  
 2002 United States Geological Survey (Michigan)

2002 UWEC Sabbatical  
 2002 Sea Grant – Oregon Dune Aquitard Study  
 2001 John F. Merrill, Jr. Multi-Site Archaeological Project Israel 2001 Season  
 2001 University Research and Creative Activity Grant - UW-Eau Claire  
 2001 Faculty/Student Collaboration Grant University of Wisconsin-Eau Claire (x 2)  
 2001 University of Nebraska - Omaha, Bethsaida, Israel  
 2001 University College of the Fraser Valley, Abbotsford, Canada – Dune Study  
 2001 United States Geological Survey – Coastal Erosion Study  
 2001 Summer Research Experiences for Undergraduates (UWEC)  
 2001 Sea Grant – Oregon Paleo-Dune Study  
 2001 United States Geological Survey (Michigan)  
 2000 John F. Merrill, Jr. Expedition to the Cave of Letters 2000 Season  
 2000 Summer Research Experiences for Undergraduates (UWEC)  
 2000 United States Geological Survey (Michigan)  
 2000 United States Department of Agriculture (Minnesota)  
 2000 Minnesota Department of Transportation  
 2000 University Research and Creative Activity Grant - UW-Eau Claire  
 1999 Small Research Grant - UW-Eau Claire - Equipment Rental - Israel  
 1999 Faculty/Student Collaboration Grant University of Wisconsin-Eau Claire - Junck  
 1999 University of Wisconsin-Eau Claire - Arts and Science - Dean's Office - Computer for 3D  
 Visualization  
 1999 University of Wisconsin-Eau Claire - Office of University Research - Computer for 3D  
 Visualization  
 1999 University of Nebraska - Omaha, Cave of Letters Expedition, Israel  
 1999 Geographix Software Grant  
 1999 Washington Department of Ecology (Shorelands) - High Resolution - GPR  
 1999 US Geological Survey - National Coastal Program (with C. Peterson/PSU)  
 1999 University Research and Creative Activity Grant - UW-Eau Claire  
 1999 Fort McCoy - Native Burial Mound Investigations  
 1999 Faculty/Student Collaboration Grant University of Wisconsin-Eau Claire (x 2)  
 1998 Summer Research Experiences for Undergraduates (UWEC)  
 1998 Summer Research Experiences for Undergraduates (UWEC)  
 1998 University Research and Creative Activity Grant - UW-Eau Claire  
 1998 Fort McCoy – Native Burial Mound Investigations  
 1998 Apostle Islands National Lakeshore  
 1998 US Geological Survey - National Coastal Program (with C. Peterson/PSU)  
 1998 Faculty/Student Collaboration Grant University of Wisconsin-Eau Claire (x 2)  
 1997/98 Funding for Notebook PC's in Capstone Courses (UWEC)  
 1997 US Geological Survey - National Coastal Program (with C. Peterson/PSU)  
 1997 Apostle Islands National Lakeshore  
 1997 North Carolina Division of Parks and Recreation (with K. Havholm, UWEC)  
 1997 Summer Research Experiences for Undergraduates (UWEC)  
 1997 Student Travel for Presentation (UWEC)  
 1997 Laboratory Renewal Funding, University of Wisconsin - System  
 1997 University Research and Creative Activity Grant - UW-Eau Claire  
 1997 Small Research Grant (UWEC)  
 1997 Faculty/Student Collaboration Grant University of Wisconsin-Eau Claire (x 3)  
 1996 US Geological Survey - National Coastal Program (with C. Peterson/PSU)  
 1996 Geological Survey of Canada - Brookwood Aquifer Characterization  
 1996 Faculty/Student Research Collaboration - (UWEC)



1995	Exxon Production Research - GPR - Processing - Utah
1995	Exxon Production Research - Oil and Gas Reservoir Modeling - Utah
1995	Frontier Geophysics - GPR - Environmental Testing
1995	Geological Survey of Canada - Brookwood Aquifer Characterization
1995	University of Northern British Columbia - Fluvial/Salmon Habitat
1994	University of Illinois (Geosciences) - Fluvial
1994	Komex, International - Environmental Spill
1993	University of Calgary Post-Doctoral Fellowship Research Grant
1993	University of South Florida (Marine Science) - GPR - Deltaic Study
1993	Eagle Resources - Platform Assessment
1993	Carnaghan Limited - Placer Exploration
1992	Killam Scholarship Research Allowance
1992/91/90	Northern Science Training Program (3 years)
1992	Exxon Production Research - GPR presentation
1992	Amoco Ltd. - Seismic - GPR comparison project/statics
1992	Surface Search - Environmental and Training
1992	Geophysicon - GPR Training
1991	University of Calgary Thesis Research Grant
1991	Petrel-Robertson Research - GPR Applications
1990	University of Manitoba - GPR - Flood Deposits
1990/92/93	Academic Projects Fund (3)
1988	Cominco Exploration - Shallow Seismic Exploration
1987	Foundex Geophysics - Shallow Seismic Exploration

## Professional Development

### Research

- 1999 - 2024 - have conducted research projects at over 1200 sites worldwide including Canada, United States, Israel, New Zealand, Australia, Europe and Antarctica. The projects have been funded by numerous agencies and foundations.  
- *list of research projects available upon request – also see [www.jolqpr.org](http://www.jolqpr.org) for selected examples*
- 1996/97/98 University of Wisconsin-Eau Claire
- ground penetrating radar (GPR) of Washington/Oregon state coastline - erosion study (with USGS and Curt Peterson -PSU)
  - ground penetrating radar (GPR) research projects
    - Lake Superior shoreline
    - Apostle Islands National Lakeshore
  - Superior/Duluth Barrier
  - Geoarchaeological investigations – Fort McCoy
    - Indiana Shoreline of Lake Michigan
    - Michigan Catastrophic and Glacial Deposits
    - Omaha, Nebraska - location of grave sites
    - Nebraska Sand Hills
    - Boise, Idaho - fluvial test site
    - North Carolina/Virginia - aeolian and coasts study
  - writing of grants/research funding for GPR field experiments of coastal, aeolian, and glacial environments in Wisconsin, Illinois, Indiana, Michigan, North Carolina, Minnesota, North and South Dakota, Nebraska and Oregon - funding is pending but collaborative research projects have been set up at all sites

- incorporating remote sensing to site selection of geophysical surveys
  - 3-D imaging of GPR datasets - visualization of stratigraphy
- 1994/95/96 NSERC Post-Doctoral Fellow, Simon Fraser University
- ground penetrating radar, reflection seismic, coastal environments
  - GPR surveys of Yukon braided streams and placer gold deposits
  - seismic survey to characterize Langley aquifer
  - reservoir characterization of fluvial deposits, Book Cliffs, Utah
  - environmental GPR surveys
  - imaging and processing of GPR and seismic data
  - use of various geophysical techniques to characterize Langley aquifer
- 1993 University of Calgary Post-Doctoral Fellow, University of Calgary
- ground penetrating radar, lacustrine environments, radar stratigraphy
  - participated in collaborative research program of barriers (Washington, Oregon, Texas, Florida, Georgia)
  - 3D interpretation of coastal environments
- 1992 Research Project - France (Camargue Delta and Rhone River, Evieue)
- 1989-93 Doctoral Research, University of Calgary
- conducted, processed and interpreted ground penetrating radar (GPR) surveys from over 250 sites across North America (Alberta, British Columbia, Saskatchewan, Manitoba, Ontario, Montana, Idaho, Utah, Washington, Florida)
  - streamline GPR survey methodology
  - effectively budgeted, administered and handled logistics
  - trained colleagues and collaborated with industry and research institutions
- 1986-88 Master of Science Research, Simon Fraser University
- successfully coordinated a shallow seismic reflection investigation of the Fraser River delta including running, processing and interpreting all seismic surveys (20 line km)
- 1987 Researcher, Geological Survey of Canada
- coordinated and conducted shallow seismic reflection surveys
  - supervised a productive field team
- 1985&86 NSERC Summer Research Assistant
- operation and maintenance of engineering seismographs
  - operation and maintenance of geophysical logger (Mount Sopris)
  - utilized diamond drilling rig and Vibracoring techniques
  - field and laboratory sediment analysis

### Field Trips

- 2024 Utah & Nevada (Zion National Park, Kolob Canyons, Snow Canyon State Park)
- 2024 New Mexico (Los Alamos region, White Sands National Park, Black Range)
- 2023 Olympic Peninsula | Pacific Northwest
- 2023 Wisconsin Point | Minnesota Point
- 2023 Cyprus
- 2023 Eastern Europe – Latvia and Lithuania
- 2023 New Zealand – coastal, fluvial, tectonics
- 2023 Nebraska Sand Hills – Niobrara Valley
- 2023 Lake Superior – Wisconsin Point | Minnesota Point
- 2022 Cyprus
- 2022 Eastern Europe – Latvia and Lithuania

2022 British Columbia

2021 Eastern Europe – Lithuania, Latvia and Poland

2020 Upper Peninsula, Michigan

2019 Vancouver Island, British Columbia – selected site

2019 Lithuania – selected sites

2019 Israel -selected sites

2019 Nebraska – selected sites

2018 Lithuania – selected sites

2018 New Zealand – selected sites

- Port Hills and Banks Peninsula (ENGE 410)
- Cass Field Station – Castle Hill, Cave Stream, Broken River, Ribbonwood Fan, Arthur’s Pass, Otira Gorge, Slovens Creek area)
- Ophua Dam – site investigation
- Motunau and Hurunui – Landslide, coastal erosion and coring
- Kaikoura – Highway #1/rail corridor – post-earthquake damage and remediation
- Advanced Field Studies – Geol 351 West Coast Field Seminar
- Wakanui – coastal erosion and gulley development
- Woodchester – Kaikoura earthquake scarp and associated landslide
- Porritt Park – liquefaction structures – anthropogenic and natural
- Castle Hill – sinkholes (?) and terrace development

2018 Switzerland – selected sites

2017 Australia – selected sites

2017 Israel – selected sites

2017 Lithuania – selected sites

2016 Physical Geography of the Marquette Area Field Trip, Northern Michigan University,

2016 Kirk Bryan Field Trip: Quaternary Landslides, Fluvial Terraces, and Recent Geomorphic Events along the Colorado Front Range (GSA’2016)

2016 Lithuania – selected sites

2016 Hong Kong, Hong Kong

2016 Rhodes, Greece

2015 Great Falls, Potomac River, Kirk Bryan, MD (GSA’2015)

2015 Lithuania – selected sites

2015 Rhodes, Greece

2014 Lake Superior – selected sites

2014 New Zealand – selected sites on South Island

2014 Israel – selected sites

2014 Michigan

2013 Yosemite Valley and coast

2013 Galveston Island and associated barriers, Texas

2013 Israel (northern coastal and interior)

2012 Desert Southwest (CA, NV, UT, AZ)

2008 Cape San Blas, Florida

2008 Sand Point, Michigan

2008 South Island, New Zealand

2007 North Shore Lake Superior, MN

2007 Central Maine – Peat Bogs

2007 Southern Utah/Northern Arizona

2007 Israel- Har Karkom (southern Israel)

2007 Desert Southwest (NV, CA, AZ, UT)

2006 Antarctica – Dry Valleys, November/December

2006 New Zealand – South Island (coasts and mountains), November/December  
 2006 Alpine Environments, Canadian Rockies, September  
 2006 Coastal Hydrology and Processes of Atlantic Barrier Islands, GSA, October  
 2006 Coastal Environments of Israel, July  
 2006 Southern Ohio, June  
 2005 Northern Arizona, October  
 2005 Black Hills, SD, August  
 2005 Rocky Mountain National Park, US, April 2005  
 2004 Northern tidal flats of the Netherlands, June 2004  
 2004 Northeastern Shoreline of Florida, June 2004  
 2004 Glacial and postglacial landscape evolution in the Glacial Lake Aitkin and Upham Basin, Northern Minnesota, Institute on Lake Superior Geology, May 8.  
 2003 Coastal evolution, dynamic shoreline processes, and beach management controversies of the Columbia River Littoral Cell, Southwest Washington and Northern Oregon. GSA, Oct. 30 – Nov. 1  
 2003 Holocene coastal processes in the Columbia River Cell, Northwest Friends of the Pleistocene Field Conference, Sept. 26-28.  
 2003 Physical Geography of Israel (Yavne and Nazareth region)  
 2003 Mid-Conference Field Trip – Westport, NZ, AQUA and NZ Friends of the Pleistocene, Feb. 6  
 2003 Physical Geography of New Zealand (North and South Island)  
 2002 Physical Geography of US Desert SW  
 2002 Physical Geography of Israel (Dead Sea and southern environs)  
 2002 Deglaciation and Holocene landscape evolution in Eastern Upper Michigan, 48<sup>th</sup> Midwest Friends of the Pleistocene, Field Conference, May 31 – June 2  
 2002 Santa Barbara and surrounding areas including Morro Bay  
 2001 Quaternary Sea-level Change and Coastal Evolution in Eastern Maine, GSA, Nov. 1-4  
 2001 Field Studies of the Big Island, Hawaii, September 21 - 30  
 2001 Physical Geography of Israel (Sea of Galilee, Dead Sea and Northern Israel), July  
 2001 Northern Lake Superior, 47<sup>th</sup> Midwest Friends of the Pleistocene, Field Conference, May 21-23  
 2000 Finger Lakes and Catskill Mountains, New York  
 2000 Southeast England Coastal Landforms  
 2000 Pictured Rocks National Lakeshore  
 2000 Southern Manitoba  
 2000 Physical Geography of Israel (Sea of Galilee, Dead Sea and Judean Desert)  
 2000 Australia, Queensland – Tropical Rainforest, Coast and Great Barrier Reef  
 2000 Southern Pennsylvania  
 2000 Colorado Plateau  
 1999 Physical Geography of Nevada and Utah  
 1999 Alpine Geomorphology of Mount Rae, Alberta, August 25  
 1999 Physical Geography of Israel (Sea of Galilee, Dead Sea and Judean Desert)  
 1999 Physical Geography of Nevada and Utah  
 1999 Pleistocene Geology of North-Central Indiana and South-Central Michigan, 45<sup>th</sup> Midwest Friends of the Pleistocene, Field Conference, May 21-23  
 1999 Geomorphology of the Big Island, Hawaii, March  
 1999 Physical Geography of Central New Mexico  
 1998 Western Nevada/Eastern California, October  
 1998 Tri-State Geological Field Conference – West Central Wisconsin  
 1998 Death Valley Field Study  
 1997 Lake Tahoe/Pyramid Lake/Carson Sink/Lake Lahontan  
 1997 Lake Bonneville Classic Depositional Shore Features: Geochronology, Geomorphology, Stratigraphy, and Sedimentology, GSA Annual Meeting

- 1997 New Explorations Along the Northern Shores of Lake Bonneville, GSA Annual Meeting
- 1997 Glacial Geomorphology and Glaciology of the Green Bay Lobe During the Last Deglaciation, Southeastern Wisconsin GSA-NC (Colgan, Mickelson, Clayton, Attig)
- 1997 Conditions Around the Margin of the Green Bay Lobe During the Height of the Wisconsin Glaciation, GSA-NC (Clayton, Attig, Mickelson)
- 1997 Death Valley, CA
- 1996 Wisconsin - Baraboo, Eau Claire, Chippewa Falls, Apostle Islands - various leaders
- 1996 Olympic Peninsula, Washington - Friends of the Pleistocene
- 1995 West Coast of Newfoundland, Canadian Quaternary Association
- 1995 Eastern Avalon, Newfoundland, Canadian Quaternary Association
- 1995 Washington Scablands, Simon Fraser University
- 1995 Greater Victoria Watershed, Canadian Association of Geographers, Western Div.
- 1994 Salmon River Watershed, Soil and Water Conservation Society, B.C. Chapter
- 1994 Transgressive and Early Highstand Systems Tracts, Pleistocene Terrace Deposits, Willapa Bay, Washington, SEPM (Clifton)
- 1994 Rocky Mountain Section/SEPM- Models for the Stratigraphy of Ramp Margins: Sequence Stratigraphy and Facies Architecture of the Desert and Castlegate, Book Cliffs, Utah and Colorado (Van Wagoner)
- 1994 Langley District Watershed and Environmental Implications
- 1994 Geological - Drumheller, Alberta, University of Calgary
- 1994 Mass Movement, Southwestern British Columbia, Simon Fraser University
- 1993 Friends of the Pleistocene - Quaternary Geology of the Mission Valley, Montana.
- 1993 Marine Geological Studies of Coastal Areas: Saanich Inlet to the Fraser River Delta - Applied Quaternary Research Meeting
- 1992 Extended Geological Field Trip to Central Utah - Panther Tongue, Book Cliffs (also, Arches, Canyonlands, Grand Tetons, Yellowstone)
- 1992 Friends of the Pleistocene - Quaternary Geology of Jackson Hole, Wyoming.
- 1992 Geomorphic landform analysis of playas, volcanoes, alluvial fans in Death Valley, California, U.S.A., University of Lethbridge
- 1992 Alberta Geomorphology Group - Quaternary reconstructions, glacial landforms and catastrophic subglacial flooding in central Alberta.
- 1991 Coastal Depositional Systems of the Gulf of Mexico, GCSEPM (Penland & Suter)
- 1991 Tidal and Coastal Deposits, Willapa Bay - Petrel Robertson Field Trip
- 1991 Assisted with Alberta Geomorphology Group - Glacial Lake Missoula, Western Montana, and Channeled Scabland, Central Washington.
- 1991 Assisted with Alberta Geomorphology Group - Quaternary Reconstruction of the Elk Valley area, SE British Columbia
- 1990 Extended field trip to learn of pluvial lake Bonneville and the Bonneville flood sites, Utah, U.S.A.

### **Workshops/Short/Training Courses (EDI, Teaching and Research)**

- 2024 Media Training: Understanding the Media: A Starter Guide for Scientists (AAAS)
- 2024 Virtual Tour of Auschwitz (Six Million Voices)
- 2024 Asian American Identity and the Politics of Race in Education, Dr. Au, Martin Mogensen Lecture
- 2024 Information Security Awareness (UW System)
- 2024 The People on the Beach (CWB)
- 2024 She'erit Hapleita "The Surviving Remnant" Sheryl Ochayon in Conversation with Dr. Miriam Klein Kassenoff (Sunday Salon Series)
- 2024 Can universities keep pace with digital transformation? (THE)
- 2024 Judaism's Ancient and Ongoing Roots in Israel with Avi Ben-Hur: a 3 part Course (CWB)
- 2024 Can universities keep pace with digital transformation? (THE)

- 2024 Post Film Discussion: Resistance: They Fought Back Featuring: Paula S. Apsell - Executive Producer, Co-Director in Conversation with Dr. Michael Berenbaum (CWB)
- 2024 International Holocaust Remembrance Day 2024 “My roots are planted in two different landscapes”
- 2024 Rumbula Remembered: 80 Years Since the Mass Executions (Rumbula’s Echo)
- 2024 An Expert's Approach to Site Characterization in Surfer
- 2024 Advancing Equity in Every Class: Practical Course Design and Teaching Strategies | Flower Darby
- 2024 Empowering Student with Data Skills for an AI-driven World
- 2024 Environmental Insights: An Expert’s Approach to Site Characterization with Surfer
- 2024 New York Times Bestselling Author Dani Shapiro on her memoir, Inheritance: A Memoir of Genealogy, Paternity and Love
- 2024 Nazi-Era Art Looting and The Status of Art Restitution Today: Ruthie Research Scholar Lecture (Midwest Center for Holocaust Education)
- 2023 Coddling of the American Mind: How Good Intentions and Bad Ideas Are Setting Up a Generation for Failure (CETL)
- 2023 Under Beslenei’s Sky: A Tale of Courage (Ghetto Fighters’ House)
- 2023 AAG’s Professional Development Series
- 2023 Lighting the Way: Eight Nights, Eight Heroic Stories (CWB)
- 2023 Remembering Vilna: The Fortunoff Archive's New Podcast
- 2023 Holocaust as an Interdisciplinary Tapestry Session 8 Featuring Memory Studies: Museums and Memorials with Mirjam Zadoff (CWB)
- 2023 The US & the Holocaust: Old Debates & New Approaches
- 2023 Pam Jenoff, Author of Code Name Sapphire (Sunday Salon Series)
- 2023 From Darkness to Freedom: Honoring the 80th Anniversary of the Courageous Tunnel Escape from the Novogrudok Ghetto (Ghetto Fighters’ House)
- 2023 The Holocaust as an Interdisciplinary Tapestry: Gendering the Holocaust
- 2023 Dr. Robert Watson - Truman and Israel: and The Behind-the-Scenes Story of US Support for Statehood in 1948 (Sunday Salon Series)
- 2023 Romanian Jewry during the Holocaust: Filling in the Gaps (Ghetto Fighters’ House)
- 2023 An Eyewitness Account of the Cambodian Genocide
- 2023 Earthquake Insights Seminar: Unveiling Discoveries and Preparedness Strategies - Lessons learned from the M 7.8 Türkiye Earthquake of 6 February 2023
- 2023 Higher Education: The Connected Campus - Virtual Event (Fierce Education)
- 2023 Artificial intelligence and academic integrity (THE)
- 2023 The Holocaust as an Interdisciplinary Tapestry
- 2023 Course Hero Education Summit 2023
- 2023 The Holocaust as an Interdisciplinary Tapestry’: German Professionals and the Holocaust (Ghetto Fighters’ House)
- 2023 America and The Holocaust: A Series of Colloquies with Dr. Michael Berenbaum (CWB)
- 2023 Empowering Communities to Endure Climate Disasters (SFU)
- 2023 The Battle of Warsaw's Jews: The Afterlife of the Revolt
- 2023 Round Table: Remembering the Warsaw Ghetto Uprising in Israel
- 2023 ‘The Holocaust as an Interdisciplinary Tapestry’: Holocaust Cinema: How ‘A Film Unfinished’ Questions Archival Footage
- 2023 The Battle of Warsaw's Jews: The Afterlife of the Revolt
- 2023 Post Film Discussion Air Born
- 2023 Home and Abroad Public Forum: U.S. Strategy and the War in Ukraine
- 2023 The Warsaw Ghetto Uprising (Echoes and Reflections)
- 2023 Violated!: Sexual Abuse During and After the Holocaust (Ghetto Fighters’ House)
- 2023 Framing Identity: The Rohingya Genocide in Myanmar/Burma (CWB)

2023 The Destruction of the Greek Jewish Community (Midwest Center for Holocaust Education)

2023 Reckonings (Sunday Salon Series)

2023 Grow your Career: Personal Branding for Your Professional Self (UC)

2023 Navigating 4IR: The Fourth Industrial Revolution (UC)

2023 Victimization of Jewish Women Survivors by Their Soviet Liberators

2023 for Empowered Educator: Embracing a New College Classroom (Cengage)

2023 Yvette Manassis Corporon - "Something Beautiful Happened" (Sunday Salon Series)

2023 Betrayed: Child Sex Abuse and the Holocaust Confirmation

2023 The Holocaust as an Interdisciplinary Tapestry featuring Dr Robert Krell on Psychiatry and the Holocaust (CWB)

2023 Birth, Sex and Abuse: Women's Voices under Nazi Rule (Ghetto Fighters' House)

2023 Vilna and Jewish Resistance in the East (Midwest Holocaust Education Center)

2023 Promoting Mental & Physical Health in Any Discipline (Cengage)

2023 Alternative Assessment Ideas for All Your Courses (Cengage)

2023 Revamping & Revitalizing Your Teaching Approach (Cengage)

2023 "Ouch! That Stereotype Hurts" Book Discussion (CETL)

2023 EDI Forum and Artists Series: Jessica McCabe, Neurodiversity (CETL)

2023 Speech is Powerful: A Conversation with Megan Phelps-Roper (EDI)

2023 Hitler's Furies a Virtual Evening with Scholar and Author Dr. Wendy Lower (Sunday Salon Series)

2023 Responding to the Global Water Crisis: A Strategy for Improving Water Supply (SEG)

2023 Sexual Violence against Jewish Women during the Holocaust: Challenges and Reflections (Ghetto Fighters' House)

2023 700 Years of Vilnius, A City of Translation (YIVO)

2023 Vilna and Jewish Resistance in the East

2023 Not just allyship but ACTION: Insight on how to implement the changes needed to address EDI – Dr. Wanda Costen (UC)

2023 Solidarity through an intersectional Lens: Equity in Action (UC)

2023 Resistance in Treblinka: The Tangible Witnesses (Galicia Jewish Museum)

2023 The Architects of Auschwitz! (Milwaukee Jewish Federation)

2023 80 Years After Aktion Reinhard: The Industrial Killing of European Jewry

2023 Post Film Discussion: Liga Terezin (CWB)

2022 Transparent Design Framework (EDI)

2022 And Then They Came For Me (EDI)

2022 Race and Racism in Your Courses: Why it Matters (EDI)

2022 Inclusive Dialogues: Building Capacity to Respond (EDI)

2022 Teaching the Holocaust by Inquiry (EDI)

2022 The Warsaw Ghetto Uprising (EDI)

2022 The "Final Solution" in the East and West (EDI)

2022 Kendal Netmaker (EDI)

2022 "Never Shall I Forget": Creating Context (EDI)

2022 From Professor to Ambassador: Reflections on Combating Global Antisemitism (EDI)

2022 Valentine Road Film Viewing and Discussion (EDI)

2022 Trans 101 (EDI)

2022 Biased: Uncovering the Hidden Prejudice That Shapes What We See, Think, and Do (EDI)

2022 Martin Mogensen Lecture: STEM Education for Global and Local Change (EDI)

2022 Dismantling to Rebuild: Replacing the Doctrine of Discovery in the 21<sup>st</sup> Century, Sarah Augustine (EDI)

2022 Crip Camp Film Viewing and Discussion (EDI)

2022 Ruining the Game: Examining Antisemitism in Sports (Echoes and Reflections)

- 2022 The Oneg Shabbat Archives and Beyond: Documenting and Preserving the History of European Jewry at the Jewish Historical Institute (Ghetto Fighters' House)
- 2022 Building Memory: Jewish Communal Reconstruction in Postwar Tunisia, 1945-1967"
- 2022 Post Film Discussion The Partisan with the Leica Camera (CWB)
- 2022 The Shape and Color of Survival. Samuel Bak (born Vilnius, Poland, 12 August 1933)
- 2022 Mass-Killing in 1942-1943: 'Operation Reinhardt' Killing Centres
- 2022 A Strategy for Improving Rural Water Supply Development in Sub-Saharan Africa
- 2022 Hamilton: Man, Myth, Musical, Mensch... The Inspiring and Little-Known Story of His Jewish Roots - Dr. Robert P. Watson (Sunday Salon Series)
- 2022 Becoming a Digital-First Leader (SFU)
- 2022 Demystifying Applicant Tracking Systems (UC)
- 2022 The Witnesses of the Warsaw Ghetto: The Archives and the Streets (Ghetto Fighters' House)
- 2022 Indigenous Genocide and the Holocaust
- 2022 The Road to the 'Final Solution': 1933-1941 - Prof. Michael Berenbaum (CWB)
- 2022 Post Film Discussion of After Munich (CWB)
- 2022 The Witnesses of the Warsaw Ghetto: The Archives and the Streets (Ghetto Fighters' House)
- 2022 "Let the World Read and Know" - The Oneg Shabbat Archives (Ghetto Fighters' House)
- 2022 The Russia-Ukraine War and Media (SFU)
- 2022 America and the Holocaust - Talk Back Session
- 2022 The Nazi Titanic - The Incredible Untold Story of a Doomed Ship in World War II - Dr. Robert P. Watson (Sunday Salon Series)
- 2022 Beyond the Umschlagplatz: Remembering the Warsaw Ghetto (Ghetto Fighters' House)
- 2022 Holocaust Museums and Memorials Around the World: Museums of the Future (CWB)
- 2022 Belonging: The Science of Creating Connections and Bridging Divides W.W. Norton)
- 2022 Teach with Free Speech: Academic Freedom, Public Employee Speech, and Controversial Topics Panel (UWEC)
- 2022 Hidden Children in Catholic France: Between Trauma and Normalcy
- 2022 Film Discussion Reckonings (CWB)
- 2022 Creating lessons that integrate Earth science phenomena with place-based and geoheritage frameworks
- 2022 Fighting Back: Commemorating the Jewish Uprisings at Sobibor and Auschwitz
- 2022 Holocaust Museums and Memorials Around the World: Remembering the Holocaust in the United Kingdom
- 2022 Milked: How an American Crisis Brought Together Midwestern Dairy Farmers and Mexican Workers (EDI)
- 2022 "Children of Genocide - The Five Who Survived" film and discussion
- 2022 The Hippocratic Oath at the Umschlagplatz: The Jewish Doctors in the Warsaw Ghetto
- 2022 The Establishment of the Ghettos
- 2022 The White Rose - Anti-Nazi Resistance
- 2022 Post Film Discussion The Students of Umberto Primo
- 2022 The Fate of Jewish Children Under Nazi Control
- 2022 Dire Days: Grossaktion Warschau and the Deportation and Destruction of Warsaw Jewry
- 2022 Why We Fight: The Roots of War and the Paths to Peace
- 2022 Higher Education: The Connected Campus
- 2022 The Road to the Umschlagplatz: The Jewish Police in the Warsaw Ghetto (Ghetto Fighters' House)
- 2022 Before the Trains Left the Umschlagplatz (Ghetto Fighters' House)
- 2022 "It is very difficult to live in constant terror" - Warsaw Ghetto on the Verge of Deportation and Death (Ghetto Fighters' House)
- 2022 Using Animation to Teach About the Holocaust



2022 at "The Fourth Window" Post-Film Discussion with filmmaker Yair Qedar

2022 REMOTE: The Connected Faculty Summit

2022 Confronting the Complexity of Holocaust Scholarship

2022 A Watershed Moment for Critical Zone Geophysics

2022 Using Photography to Teach the Holocaust

2022 Artistic Representations of the Plight of the Elderly in Terezin, 1942-1944

2022 Overcoming Obstacles to Student Learning (Cengage)

2022 The Hidden Job Market (UC)

2022 Dismantling to Rebuild: Replacing the Doctrine of Discovery in the 21st Century (SFU)

2022 Confronting the Complexity of Holocaust Scholarship: Reflections on the Past, Present, and Future of Holocaust Studies (CWB)

2022 Goering's Man in Paris The Story of a Nazi Art Plunderer and His World (Ghetto Fighters' House)

2022 The Warsaw Ghetto Uprising

2022 Becoming an Anti-Racist, Decolonized University: What Does It Mean and What Will It Take? (SFU)

2022 The Power of Holocaust Literature (Sunday Salon Series)

2022 Back in Berlin" Post-Film Discussion (CWB)

2022 Fostering Diversity for Success in Higher Education (Cengage)

2022 The War against Ukraine through the Lens of History and Culture

2022 Teaching the Holocaust by Inquiry

2022 Survival on the Margins: Polish Jewish Refugees in the Wartime Soviet Union

2022 Genocide Awareness Month Online Series

2022 The Landscape of Terror in Germany

2022 Marking the 80th Anniversary of the Transport of 999 Jewish Women to Auschwitz: The Beginning of the Systematic Annihilation of the Jews

2022 Teaching the 10 Stages of Genocide (Wassmuth Center for Human Rights)

2022 "I Am Here" Post-Film Discussion with film director Jordy Sank, and Holocaust Survivor Ella Blumenthal

2022 Student Accommodations Panel workshop (EDI)

2022 The Light of Days: The Untold Story of Women Resistance Fighters in Hitler's Ghettos (Milwaukee Jewish Federation)

2022 History, Archeology and Memory The 80th Anniversary of the Establishment of the Death Camps Belzec, Sobibor and Treblinka

2022 The Impact of Culture in Academia (EDI)

2022 Women in the Holocaust - Camp "Shvesters" and Resisters

2022 Museums in Context – Creating a new Museum and Memorial

2022 Equity + Culture = Healthy Kids | Dr. Cindy Blackstock

2022 Connecting Wisconsin history to World War II and the Holocaust (Milwaukee Jewish Federation)

2022 The Rape of Europa - The Fate of Europe's Treasures in the Third Reich and the Second World War (Sunday Salon Series)

2021 Stories of Climate Justice (EDI)

2021 Point Pelee workshop

2021 Geomorphic Impacts of Contemporary Climate Change: The Evidence and the Implications (ANZGG)

2021 Ted Masterclass

2021 Potential and challenges of applying artificial intelligence and machine-learning methods for geoscience (SEG)

2021 Chanel Miller – Racing Toward Justice (EDI)

2021 Navigating the Holocaust: Your compass for Holocaust Education in Wisconsin: Nathan & Esther Pelz Holocaust Education Resource Center (EDI)

2021 "When Hitler Stole Pink Rabbit" Film and Post Film Discussion: Classroom without Borders (EDI)

2021 Remembering Elie Wiesel: The Man and His Writings: Ghetto Fighters' House (EDI)

2021 Youth, climate advocacy and verbal art: imagining a different future

2021 Storytelling via #SciArt: Crafting an audio story!: AGU

2021 "Special "Talking Memory" Event Marking the 80th Anniversary of Operation Barbarossa: Ghetto Fighters' House and Classes Without Borders (EDI)

2021 Boundless Teaching: Blending the Best of Virtual & Traditional: Cengage

2021 Panel: Let's Talk About Jobs Outside Academia: EPSP

2021 "The House on Wannsee Street" Film and Post Film Discussion: Classroom without Borders (EDI)

2021 BMSC Live! Diving into Ocean Biodiversity and Citizen Science with the Bamfield Marine Sciences Centre

2021 Storytelling via #SciArt: Telling stories via science films: AGU

2021 Becoming an Anti-Racist Educator: CETL (EDI)

2021 Identity, Privilege and Oppression: CETL (EDI)

2021 Part 1: Research metrics in action part 1: Responsible research metrics and evaluation

2021 Part 2: Understanding what funding bodies expect from grant applications

2021 Part 3: Understanding how metrics can support real-world decisions

2021 Pandemics and Borders: How to Manage Travel Restrictions More Effectively: SFU Public Square

2021 "Numbered" Film and Post Film Discussion: Classroom without Borders (EDI)

2021 "Still Life in Lodz" Film and Post Film Discussion: Classroom without Borders (EDI)

2021 Back to Class: Will Pandemic-Disrupted Learners Return to School: Strada

2021 The Power of Truth and Non-Violence; Gandhi, Past and Present

2021 Polish Jewish Relations through the Lens of the Camera: Guest Speaker: Slawomir Grunberg: Ghetto Fighters' House and Classes Without Borders (EDI)

2021 X Troop: The Secret Jewish Commandos of World War II:

2021 Uncovering the Secrets of Sobibor -with Dr. Philip Reeder and Yoram Haimi: Classroom without Borders (EDI)

2021 Sustainable Development in China: University Studies Abroad Consortium (EDI)

2021 Promoting Equity in Undergraduate STEM Classrooms through Pedagogical Approaches: AAAS (EDI)

2021 Complicit Movie & Talkback: Nathan & Esther Pelz Holocaust Education Resource Center (EDI)

2021 Creating Inclusive Courses and Curricula in Geography: AAG (EDI)

2021 Technologies and Strategies in the New Blended Learning World: Fierce Education

2021 Promoting Geodiversity Workshop

2021 "Talking Memory" program marking the 78th anniversary of the Warsaw Ghetto Uprising

2021 Inclusion through STEM Experiences: Approaches to Increase Access and Accommodations (EDI)

2021 Tech Ethics & Online Teaching: Cengage

2021 Supporting mental health and well-being of STEMM graduate students: Highlights from the National Academies' report

2021 Taking the Power of Exploration Geophysics from the Oil Patch to Help Solve the World's Grand Challenges, SEG

2021 Batchelder Lecture: The Archaeology of Jewish Resistance in the Holocaust: R. Freund, University of Nebraska Omaha (EDI).

2021 Talking Memory - Warsaw Ghetto - The End: with Prof. Havi Dreifuss

2021 The Jewish Heroes of Warsaw: The Afterlife of the Revolt: Avinoam J. Patt, Greenberg Center for Judaic Studies (EDI)

2021 Zooming In: Education in 2021; SFU Public Square

2021 The Ethical Dilemmas of Teaching Online: Cengage

2021 Who's Passing? Who's Failing? An honest conversation about academic integrity: Course Hero (EDI)

- 2021 Three Ordinary Girls - Tim Brady, author: Nathan & Esther Pelz Holocaust Education Resource Center (EDI)
- 2021 Deconstructing White Supremacy: The intersection of racism and antisemitism in the movement: Milwaukee Jewish Federation (EDI)
- 2021 Public Viewpoint - Alumni Perspectives: Are Student Loans Worth It?: Strada
- 2021 Live panel discussion: When You Picture a Scientist, Who Do You See? (EDI)
- 2021 Uruguayan & Argentinian Cultural Historical Highlights: University Studies Abroad Consortium (EDI)
- 2021 Earth Materials for a Sustainable and Thriving Society
- 2021 Students Tell All: Engagement, Stress, Motivation & More: Cengage
- 2021 Boosting Student Engagement in Remote & Online Classes: Cengage
- 2021 Welcoming a new era of US higher education, THE
- 2021 Following the Evidence to Babyn Yar: A virtual lecture by M. Dean, New York University (EDI)
- 2021 Holocaust Historians on Trial in Poland. What is at Stake? In discussion with Dr. Jan Grabowski and Dr. Natalia Aleksium, Classroom without Borders (EDI)
- 2021 Breaking Hate: Confronting the new culture of extremism. Christian Picciolini, Nathan & Esther Pelz Holocaust Education Resource Center (EDI)
- 2021 Lessons for Today from Elie Wisel, Ariel Burger, 6<sup>th</sup> Annual Edie Adelman Political Awareness lecture, Milwaukee Jewish Federation (EDI)
- 2021 Stó:lo Shxweli and Resilience, Alanaise Goodwill, SFU Public Square (EDI)
- 2021 Responses to COVID-19: Adapting Classroom Teaching Techniques and Hands-On Learning to an Online Environment
- 2021 Holocaust Distortion in Lithuania: A Family Affair: The Nazi's Granddaughter: How I Discovered My Grandfather was a War Criminal, Beit Lohamei Haghetat Ghetto Fighters' House Museum (Virtual) (EDI)
- 2021 "RBG" with Pennsylvania Supreme Court Justice David Wecht, litigator Ann-Marie Ahern, and Prof. Jonathan Entin- moderated by attorney Courtney Cardin, Classroom without Borders (EDI)
- 2021 Work Hard Play Hard, Dr. Lieke ten Brummelhuis, President's Faculty Lecture, Simon Fraser University
- 2021 6th Annual Edie Adelman Political Awareness Lecture: Lessons for Today from Elie Wiesel, Dr. Rabbi Ariel Burger, Milwaukee Jewish Federation (EDI)
- 2021 Syrian Tragedy, Israeli Dilemma: The Civil War in Syria, The Taub Center for Israel Studies at NYU (EDI)
- 2021 Partnership in the Galilee – A virtual tour of the Karmiel/Misgav region, Classrooms without Borders (EDI)
- 2021 The New World of Work, University of Calgary
- 2021 Why Peace is Possible: Exploring the Dimensions of Human Kindness in the Midst of Violence, Ripon College (EDI)
- 2021 The Bearded Lady Project: Challenging the Face of Science, NSF (EDI)
- 2021 Teaching about Race and Racism in the College Classroom (CET, EDI Reading Group)
- 2021 Revolutionizing Agriculture, Idea Exchange, University of Calgary
- 2021 Getting Started with NASA Data: Mapping Hazards from Space, NASA, NAGT
- 2021 The Future of Global Education, Temasek-GSV Ventures
- 2021 The Memory Keeper - בשומר הזיכרון (Ghetto Fighter's House, EDI)
- 2021 Talking Memory: Part 1: The Holocaust in Lithuania: The Struggle for a National Narrative (Ghetto Fighters' House. EDI)
- 2021 Simon Wiesenthal's Granddaughter Shares Story of The Nazi Hunter (HERC, EDI)
- 2021 Online Inclusivity: Inspiring Learning for ALL Students (Cengage, EDI)
- 2021 The Hybrid Campus: A Postpandemic Vision of Higher Education (Strada)
- 2021 Racing Toward Justice: In Conversation with Saeed Jones (CETL, EDI)

2021 Blugold Dialogue Series - Police Brutality (CETL, EDI)

2021 Meet Me Halfway Communicating Across Generations (EEGS, EDI)

2021 Teaching About Race and Racism in the College Classroom (CETL, EDI)

2021 Science Communication (EPSP Connects, EDI)

2021 Veteran Students and Suicide Prevention (EDI)

2021 Envisioning Social Justice from the Margins | Parin Dossa (SFU, EDI)

2021 Can Islam and Democracy Co-Exist? Ripon College (EDI)

2021 Panthers and the Mainstream Civil Rights Movement for BLM workshop (CETL, EDI)

2021 The Secret WWII Concentration Camp Diary of Odd Nansen | Timothy Boyce (HERC, EDI)

2021 Sub-meter mapping and data collection on a budget | Juniper Systems

2021 Accelerate and Diversify Your Funding Search Results with Pivot-RP (WiSys)

2021 Persona Non Grata: The Story of Chiune Sugihara (Vina Schul, EDI)

2021 Using an American Museum of Natural History Teaching Case to Analyze and Interpret Patterns of Ice Mass Loss in Greenland and Antarctica (NAGT)

2021 NSF Improving Undergraduate Stem Education (IUSE) Program: Overview With A Focus On Level 1 And Building Capacity Submissions (NSF)

2021 Topographic differencing in OpenTopography, Open Topography

2020 Building Intentional Engagement in a Synchronous Classroom (CETL)

2020 Strengthening Equity and Inclusion, *Flexibility* – Dr. Jennifer Stollman (EDI)

2020 Antiracism and Economic Empowerment: Jewish Perspectives on Being an Ally, Virtual Vilna (EDI)

2020 Mandated Reporter Training, UW System

2020 Sexual Harassment and Discrimination Prevention, Everfi, UW System

2020 Code of Conduct: Data Security, Everfi, UW System

2020 Budget Building Fundamentals, WiSys

2020 The Forum Series: Mohammed Bilal "12 Steps Towards Diversity" CETL EDI

2020 NSF Improving Undergraduate Stem Education (IUSE) Program with a Focus on Institutional and Community Transformation (ICT) Track (NSF/AAAS)

2020 Jews and Race: A “fireside” conversation with Former Governor of Massachusetts Deval Patrick and Rabbi Jonah Pesner, Virtual Vilna (EDI)

2020 What’s Working Webinar: Reflections on Virtual, Work-Based Learning Experiences

2020 What Do You Know About Your Neighbors? Recognizing the Native Land and People in Your Community workshop, CETL (EDI)

2020 Common Grant Writing Pitfalls, WiSys

2020 Who We Are: The Stories of Marginalized Students in Higher Education workshop, CETL (EDI)

2020 The Geoscience Workforce: Current Trends and Impacts from COVID-19, AGU/AGI

2020 Trans 101, CETL (EDI)

2020 Safe Space Training, CETL (EDI)

2020 Reopening Higher Education: Expert Panel, Newswise

2020 What the Hmong: An Introduction of the American Hmong Experience workshop, CETL (EDI)

2020 The NSF/BSF Program: Tips for Writing a Successful Proposal, NSF

2020 The Unspoken Past of European Roma, (EDI)

2020 Science Communication for Social Justice, NAGT (EDI)

2020 Discovery Tools to Improve your Research Efficiency, Elsevier

2020 Mentoring Undergraduate Research Remotely During COVID-19, WisCUR 2020 Workshop

2020 Unwritten | Civil Rights and American History (Drs. Emma J. Lapsansky-Werner & Dr. Gary B. Nash, Pearson, EDI)

2020 Collaborate Ultra Engagement, CETL

2020 Padlet, CETL

2020 Flipgrid, CETL

2020 Unwritten | Roots of Systemic Racism in American History and Today (Drs. Darlene and William Hine; Pearson, EDI)

2020 Transnational Blackness: A Conversation about Race and Racism Around the World, The Forum, on Education Abroad, CETL (EDI)

2020 UW System Introduction to Travel Incorporated

2020 GPR Training, (M. Langton & A. Viberg) International Society of Archaeological Prospection

2020 LinkedIn (Land the perfect job), Career Masterclasses

2020 Ibram X. Kendi on “How to be an antiracist”, CETL (EDI)

2020 Implement Inclusive pedagogy Using Universal Design, CETL (EDI)

2020 Teaching Online Introductory Geoscience Labs, NAGT

2020 Navigating Hybrid Modes of Teaching, CETL

2020 The Poetry and Fate of Matilda Okinaite: A Dairy of Jewish Culture in Lithuania (EDI)

2020 Create/Edit Assignments Using Transparent Design, CETL (EDI)

2020 Using Google Earth for Remote Teaching, GSA, NAGT

2020 Using Gigapan for Remote Teaching, GSA, NAGT

2020 University of Wisconsin Introduction to Travel Incorporated, UWEC

2020 Using Virtual Landscapes for Remote Teaching, GSA, NAGT

2020 UW Travel Services Update, UWEC

2020 Ramadan 101 Webinar, CETL (EDI, May)

2020 Navigating the Transforming Publishing Landscape, Wiley, AGU

2020 Promoting Diversity in the Geosciences: meet the if/then STEM ambassadors, NAGT, AGI, EDI, May)

2020 Elsa: The authoring and production tool that saves you time.

2020 Virtual Undergraduate Research in Action- Highlights and How To’s Confirmation, CUR

2020 Writing Grant Proposals and PRF Funding Opportunities for PUIs, PRF

2020 How AURA recipients put it in Action: Diversity and inclusion in undergraduate research, Council of Undergraduate Research (EDI, May)

2020 Biogeophysics: Exploring Earth’s subsurface biosphere using geophysical approaches, Society of Exploration Geophysicists (April)

2020 Teaching Inclusively and Equitably online: Using an inclusive pedagogical framework, ASPIRE (The National Alliance for Inclusive and Diverse SEM Faculty), NSF, EDI

2020 Teaching Inclusively and Equitably online: Course outcomes and storyboarding, ASPIRE, (The National Alliance for Inclusive and Diverse STEM Faculty), NSF, EDI

2020 Goals, objectives and outcomes: The “GOO” that holds a proposal together, WiSys/ORSP

2019 Effects of socioeconomic background of students’ university experience, CETL, EDI

2019 Concept sketches to promote deep understanding of geoscience topics, McGraw Hill

2019 Don’t call me crazy: Navigating mental health with compassion, understanding, and honesty, CETL EDI

2019 Cognition-guided instruction and curriculum in geoscience courses, McGraw Hill

2019 Data security and privacy, UWEC, EVERFI

2019 Successful teaching practices: Accepting late work, CETL

2019 Small Teaching: Everyday Lessons from the Science of Learning: Book Group and Discussion, CETL – Co-Facilitator

2019 An Overview of the Network of CZOs and their Watershed Equivalentents, AGU

2019 Student Engagement Lightning Rounds, CETL

2019 Research Skills Development/Framework of Information Literacy COP

2019 Anxiety in the Classroom, (Mary Beth Leibham, Professor, Department of Psychology, UWEC), CETL (EDI Tier 2)

- 2019 Collaborative Grant seeking: Accumulating Precious 'Wins' & Avoiding Painful 'Losses', WiSys/ORSP
- 2019 Race: The Power of an Illusion: The House We Live In - Film Screening, CETL (EDI Tier 2)
- 2019 Microaggressions, CETL (EDI Tier 2)
- 2019 Native American Religion, CETL (EDI Tier 2)
- 2019 Not too Young to Know: Critical Race Epistemologies in Hmong American Youth Narratives, CETL (EDI Tier 2)
- 2019 Diversity Abroad Discussion: Utilizing Non-traditional Resources When Advising LGTQI+ Students, CETL (EDI Tier 2)
- 2019 Eliminating Non-Inclusive Language toward Native Americans, CETL (EDI Tier 2)
- 2019 Teaching and Learning in STEM - COP, CETL (EDI Tier 2)
- 2019 Indigenous Teaching and Learning Framework: More Than Beads and Feathers, CETL (EDI Tier 2)
- 2019 Successful Teaching Practices: "You might want to consider...": Linguistic and Cultural Differences in the Classroom, CETL (EDI Tier 2)
- 2019 Not too Young to Know: Critical Race Epistemologies in Hmong American Youth Narratives, CETL (EDI Tier 2)
- 2019 Diversity Abroad Discussion: Having Courageous Conversations about Whiteness in Study Abroad and Global Education, CETL (EDI Tier 2)
- 2019 Can We Talk About It? Religion on Campus, CETL (EDI Tier 2)
- 2019 Understanding, Motivating, and Engaging iGen Students (Mary Beth Leibham, Professor, Department of Psychology, UWEC), CETL (EDI Tier 2)
- 2019 Active Shooter Training (David Sprick, Chief, University Police)
- 2018 Teaching and Learning STEM reading group, CETL (EDI Tier 2)
- 2018 Identifying and Responding to the Mental Health Needs of UWEC Students: A Comprehensive Guide for Faculty and Staff, CETL (EDI Tier 2)
- 2018 Stereotype Threat and Implications for the Classroom (Whistling Vivaldi): Reading Book Series, CETL (EDI Tier 2)
- 2018 Preproposal Contacts: Who You Need to Talk to and What You Need to Know Before Writing Your Next Grant Proposal, WiSys/ORSP
- 2018 Data Security, UWEC/EVERFI
- 2018 One Module or a Whole Class Workshop, CETL
- 2018 Student Engagement Lightning Round Workshop, CETL
- 2018 Motivating and Engaging Students, CETL
- 2018 Cross-Cultural Teaching in a Diverse Classroom (Shanton Chang, Professor, University of Melbourne), University of Canterbury
- 2018 Authentic Assessment (Eric Brogt, Academic Developer), University of Canterbury
- 2018 Faults and Cities: Royal Society of New Zealand Catalyst Seeding Grant Workshop: Application of high-resolution geophysical methods to mapping the sub-surface of New Zealand urban settings, GNS Science, Avalon, Lower Hutt, New Zealand
- 2018 BiCultural Competence Training (Sacha McMeeking, Maori and Indigenous Studies) University of Canterbury
- 2017 Building Inclusive Classrooms: Hmong Students and Culture (Charles Vue, Associated Director of Multicultural Affairs), CETL
- 2017 Using the Work Skill Development Framework to Build Rigour into WIL Programs: I-MELT, International Conference on Models of Engaged Learning and Teaching
- 2017 Finding Employability Skills in the Curriculum: Are they there?: I-MELT, International Conference on Models of Engaged Learning and Teaching
- 2017 Transforming Teaching Practices: A Model to Conquer Evidence Based Decision Making Skills: I-MELT, International Conference on Models of Engaged Learning and Teaching
- 2017 Ground Penetrating Radar: Principles, Practice, Processing

2017 Small Teaching: Everyday Lessons from the Science of Learning: Book Group and Discussion, CETL

2017 Intercultural Competence: Dr. Tara Harvey, True North Intercultural

2017 Intentional Mentoring, Community of Practice, ORSP

2017 Slow Professor: Book Discussion and Community of Practice, CETL

2017 Intersections: Preventing Harassment & Sexual Violence: EVERFI- Lawroom Training (UW System)

2017 Diversity: Inclusion in the Modern Workplace: EVERFI - Lawroom Training (UW System)

2017 Data Security & Privacy: EVERFI - Lawroom Training (UW System)

2016 Alternatives to the Research Paper, CETL

2016 Intentional Mentoring, Community of Practice, ORSP

2016 Geochemical Applications of pXRF, Geological Society of America Annual Meeting

2016 Culturally Responsive Practices; Creating Equitable Learning Environments: Spring Successful Teaching Practices, CETL

2015 Assessing Undergraduate Research: What We Can Learn from Assessment at Multiple Levels, CETL

2015 Research Mentoring - Community of Practice, ORSP

2015 Focus on Student Learning: Fall Successful Teaching Practices, CETL

2015 Make it Stick – The Science of Successful Learning – CETL Book Group

2015 WisCUR Workshop on Establishing Research Networks

2015 CETL Session – Engaging First Day Activities, Helping Students with Academic Skills, Scheduled Office Hours: Why am I Alone? Eau Claire, WI

2015 Teaching International Students, CETL, Eau Claire, WI

2015 Successful Teaching Practices Series – Spring 2015, CETL, Eau Claire, WI

2015 Digital Content, CETL, Eau Claire, WI

2014 CUR Dialogues Workshop, Arlington, VA

2014 CETL, Eau Claire, WI

2014 CETL, Eau Claire, WI

2013 CETL, Eau Claire, WI

2012 CETL, Eau Claire, WI

2012 CETL, Eau Claire, WI

2013 Journal Writing Workshop, CIGE & CETL, Eau Claire, WI

2008 Developing Purposeful Learning: Don't Leave Learning to Chance, Eau Claire, WI

2008 Green Learning – Course Design from the Ground Up, Eau Claire, WI

2008 Diversity across the Curriculum, Eau Claire, WI

2007 Team Based Learning, Eau Claire, WI

2007 National Science Foundation - Workshop of Peatland Geophysics, University of Maine, Orono, Maine

2007 The Assessment Toolbox: Assessing Student Learning Part 1: Creating Meaningful Assignments for your Students

2007 The Assessment Toolbox: Assessing Student Learning Part 2: Using Multiple choice Tests and Reflective Writing to Assess Complete Learning Outcomes

2007 Diversity in the Classroom, Eau Claire, WI

2007 Lesson Study Training Workshop, Menomonie, WI

2006 Engaging Students in the College Classroom, Eau Claire, WI

2006 Motivating Students in the College Classroom, Eau Claire, WI

2006 Hands-On Fundamentals of GPR, Columbus, OH

2006 Collaborative Learning: Facilitating Group Work in the Classroom, Eau Claire, WI

2006 Speaking Millennial: Understanding and Teaching a New Generation of Students

2006 When Backwards is Forward Thinking: Recreating Courses Through a New Design

2005 When Students Have Power, Eau Claire, WI  
2005 Scholarship of Teaching and Learning Workshop, Eau Claire, WI  
2005 Learner Centered Teaching, Eau Claire, WI  
2002 Three-Dimensional Acquisition, Processing and Imaging of Ground-Penetrating Radar Data, Ninth International Conference on Ground-Penetrating Radar, Santa Barbara, CA  
2001 Seisvision Software Workshop, Geographix, Denver, CO  
2000 Advanced Ground Penetrating Radar Processing, Gold Coast, Australia  
1999 CORONA Revealed: The Secret Geography of the US' First Satellite Program, Honolulu, HI  
1999 Maneuvering through the Mist: Clarifying Map Projections Concepts, Issues, and Implementation, Honolulu, HI  
1997 How to Develop Undergraduate Research in Geology/Programs in Geology /Instrumentation and Laboratory Improvement Program, Bethesda, Maryland  
1997 Your Business and Satellite Imagery - Spot Image Corporation, Minneapolis, MN  
1995 Teaching Large Classes, The Centre for University Teaching  
1995 Cooperative and Participatory Learning, The Centre for University Teaching  
1995 The Use of Voice in Teaching, The Centre for University Teaching  
1994 Applied Geophysics Workshop, Environmental & Engineering Geophysics Society  
1994 Instructional Skills Workshop, Simon Fraser University, BC (3 days-intensive sessions)  
1993 Sequence Stratigraphy Course (Van Wagoner) - Geological Association of Canada  
1991 Recent Sand Models Course (Meckel and Smith) - Professional Seminar Group  
1988 Seismic Stratigraphy (Vail and Sangree) - American Association of Petroleum Geologists  
1988 Seismic Expressions - American Association of Geologists  
1987 Geophysics for the Exploration Geologist: Traditional Approaches and Recent Innovations (Woods) - Geological Association of Canada

## Conferences

2024 A Day of Remembrance, Brandeis University, April 10  
2024 3<sup>rd</sup> Europe: Consider It All, UNC, April 6  
2023 American Association of Geographers, 59th Annual Meeting of the West Lakes Division  
2023 Geological Society of America Annual Meeting  
2023 Minnesota Point | Wisconsin Point Coastal Issues Seminar and Presentations  
2023 Geological Society of America, North Central Section  
2023 American Association of Geographers, 118th Annual Meeting, Denver, CO, March 23-27  
2023 National Conference on Undergraduate Research (NCUR), UWEC, Eau Claire, WI, April 13-15  
2-23 Empowered Educator (Engage)  
2022 19<sup>th</sup> International Conference on Ground Penetrating Radar (GPR 2022), June 18-21  
2021 United Nations Week of Religious Harmony & The Seven Testaments Trilogy (Virtual), Feb. 1-3.  
2021 American Association of Geographers, 116th Annual Meeting, Virtual, April 7-11  
2021 The Dead Sea Scrolls: A Second Public Conference (Virtual)  
2021 Professional Development Conference (Virtual)  
2021 Remote 2021: The Connected Faculty Summit (Virtual)  
2021 Caesarea Maritima International Conference (Virtual)  
2021 Nobel Prize Summit "Our Planet, Our Future"  
2021 Learning Technology Development Council's Virtual Showcase 2021: The Future of Higher Education  
2021 Apostle Islands National Lakeshore 50th Anniversary Resource Stewardship Symposium (Virtual)  
2021 Non-Intrusive Methodologies for Large Area Urban Research Conference (Virtual)  
2021 Combined Hertfordshire Archaeological Societies & International Society of Archaeological Prospection (Virtual) – Mini-Conference



2020 Combined Hertfordshire Archaeological Societies & International Society of Archaeological  
Prospection (Virtual) – Virtual Holiday Miscellany

2020 GSA 2020 Connects Online, October 26 – 30.

2020 Nobel Conference 56 (Virtual): Cancer in the Age of Biotechnology, October 6-7, Gustavus  
Adolphus College, St. Peter MN

2020 ASU & GSV Virtual Summit 2020 | The Dawn of the Age of Digital Learning, Sept 29 – Oct 1/7/8

2020 Education Summit'20 Course Hero, July 29-31 (Virtual)

2020 ESRI Annual User Conference, July 13-16 (Virtual)

2020 Remote the Connected Faculty Summit, July 13-14

2020 The Empowered Educator Online Conference

2020 Geological Society of America, 54<sup>th</sup> North Central Annual Section Meeting, May 18-19 (Virtual)

2020 The Dead Sea Scrolls in Recent Scholarship: A Public Conference (Virtual)

2019 Nobel Conference 55: Climate Changed, September 24, Gustavus Adolphus College, St. Peter  
MN

2019 Geological Society of America, 131<sup>st</sup> Annual Meeting, September 22-25, Phoenix, AZ,

2018 The 20<sup>th</sup> Annual Batchelder Conference for Archaeology and Biblical Studies, W.H. Thompson  
Alumni Center, University of Nebraska-Omaha, November 9-10, Omaha, NE,

2018 Geological Society of America, 130<sup>th</sup> Annual Meeting, November 4-7, Indianapolis, IN,

2018 Student Research Symposium, Frontiers Abroad and the University of Canterbury, June 1,  
Christchurch, New Zealand

2018 17<sup>th</sup> International Conference on Ground Penetrating Radar (GPR 2018), June 18-21, Rapperswil,  
Switzerland

2107 I-MELT, International Conference on Models of Engaged Learning and Teaching, Adelaide,  
Australia

2017 19<sup>th</sup> Annual Batchelder Conference for Archaeology and Biblical Studies, Omaha, NE

2017 Geological Society of America Annual Meeting, Seattle, WA

2017 Geological Society of America Joint 52<sup>nd</sup> Northeastern Annual Section and 51<sup>st</sup> North-Central  
Annual Section Meeting, March 19-21, Pittsburgh, Pennsylvania

2016 18<sup>th</sup> Annual Batchelder Conference for Archaeology and Biblical Studies, Omaha, NE

2015 Association of American Geographers, West & East Lakes Section, Marquette, MI

2016 Geological Society of America Annual Meeting, Denver, CO

2016 16<sup>th</sup> International Conference of Ground Penetrating Radar (GPR'2016), Hong Kong

2016 Geological Society of America, North-Central Section, Champaign, IL

2015 Geological Society of America Annual Meeting, Baltimore, MD

2015 Association of American Geographers, West Lakes Section, Eau Claire, WI

2015 Geological Society of America, North-Central Section, Madison, WI

2015 American Society for Photogrammetry and Remote Sensing, Western Great Lakes Region,  
Spotlight Event, Geospatial Confluence, Eau Claire, WI

2014 16<sup>th</sup> Annual Batchelder Conference for Biblical Archaeology

2014 Geological Society of America Annual Meeting, Vancouver, BC

2014 Geological Society of America, North-Central Section, Lincoln, NE

2013 15<sup>th</sup> Annual Batchelder Conference for Biblical Archaeology

2013 Geological Society of America Annual Meeting, Denver, CO

2013 American Association of American Geographers, West Lakes, Eau Claire, WI

2013 Geological Society of America, North-Central Section, Kalamazoo, MI

2012 14<sup>th</sup> Annual Batchelder Conference for Biblical Archaeology

2007 9<sup>th</sup> Annual Batchelder Conference for Biblical Archaeology

2007 Geological Society of America Annual Meeting, Denver, CO

2006 Geological Society of America Annual Meeting, Philadelphia, PA

2006 Author's Celebration, Eau Claire, WI

2006 3<sup>rd</sup> Annual Teaching and Learning Symposium, Eau Claire, WI

2006 11<sup>th</sup> International Conference on Ground Penetrating Radar (GPR 2006), Columbus, OH

2006 Symposium on the Application of Geophysics to Engineering and Environmental Problems (SAGEEP), 19<sup>th</sup> Annual Meeting, Seattle, WA

2006 Association of American Geographers (AAG), 102<sup>nd</sup> Annual Meeting, Chicago, IL

2005 2<sup>nd</sup> Annual Teaching and Learning Symposium, Eau Claire, WI

2005 The Land and the People Conference, Galilee & Jerusalem, Israel

2005 Geological Society of America, 39<sup>th</sup> Annual Meeting of the North-Central Section, Minneapolis, MN, May 19-20

2005 Association of American Geographers, 101<sup>st</sup> Annual Meeting, Denver, CO, April 5-9,

2004 Geological Society of America Annual Meeting, Denver, CO, November 7-10

2005 6<sup>th</sup> Annual Batchelder Biblical Archaeological Conference, University of Nebraska at Omaha, Omaha, NE, October 28-30,

2004 Tenth International Conference on Ground Penetrating Radar GPR 2004, Delft University of Technology, Delft, The Netherlands, June 21 - 24,

2003 Geological Society of America Annual Meeting, Seattle, WA, November 2-5

2003 International Conference on Archaeology, History and Technology, University of Hartford, Hartford, CT, Sept. 7-10.

2003 Australasian Quaternary Association Biennial Conference, Westport, NZ, Feb. 3-7

2002 The 4<sup>th</sup> Annual Batchelder Biblical Archaeology Conference, Omaha, NE

2002 72<sup>nd</sup> Annual Meeting of the Society of Exploration Geophysicists, Salt Lake City, UT

2002 Ninth International Conference on Ground-Penetrating Radar, Santa Barbara, CA

2001 American Schools of Oriental Research, Boulder, CO

2001 Geological Society of American Annual Meeting, Boston, MA

2001 GPR in Sediments: Applications and Interpretations International Conference, London, England

2001 Society of Biblical Literature International Conference, Rome, Italy

2001 Association of American Geographers, 97<sup>th</sup> Annual Meeting, New York,

2000 Fifth Southwest Washington Coastal Erosion Study Workshop, Olympia, WA

2000 2<sup>nd</sup> Biblical Archaeology for the 21<sup>st</sup> Century: A Symposium, Omaha, NE

2000 International Binghamton Geomorphology Symposium: Integrating of Computer Modelling and Field Observation in Geomorphology, Binghamton, NY

2000 The Millennium Conference on the Sea of Galilee and the City of Jerusalem. Israel Museum, Jerusalem, Israel

2000 8<sup>th</sup> International Conference on Ground Penetrating Radar (GPR 2000), Gold Coast, Australia

2000 96<sup>th</sup> Annual Meeting of the Association of American Geographers, , Pittsburgh, PA

1999 Biblical Archaeology for the 21<sup>st</sup> Century: A Symposium, Omaha, NE

1999 International Workshop: Testable Stochastic Features of Subsurface Structures, Flow and Transport, Centro Stefano Franscini of the Swiss Federal Institute of Technology, Monte Verita, Ascona, Switzerland.

1999 Canadian Quaternary Association and Canadian Geomorphology Research Group Joint Conference, Calgary, AB

1999 95<sup>th</sup> Annual Meeting of the Association of American Geographers, Boston, MA

1998 Third Southwest Washington Coastal Erosion Study Workshop, Olympia, WA

1998 Joint Meeting of the West Lakes Division of the Association of American Geographers (49<sup>th</sup> Annual Meeting) and Wisconsin Geographical Society (52<sup>nd</sup> Annual Meeting)

1998 7<sup>th</sup> International Conference on Ground Penetrating Radar, Lawrence, Kansas

1998 94<sup>th</sup> Annual Meeting of the Association of American Geographers, Boston, MA

1997 Second Southwest Washington Coastal Erosion Study Workshop, Olympia, WA

1997 Geological Society of America, 1997 Annual Meeting, Salt Lake City, Utah

1997 Geological Society of America, 31<sup>st</sup> Annual North-Central Section, Madison, Wisconsin

- 1997 Council of Undergraduate Research (CUR), Bethesda, Maryland
- 1997 93<sup>rd</sup> Annual Meeting, The Association of American Geographers, Fort Worth, Texas
- 1996 17<sup>th</sup> Annual Research Conference GCSEPM, Houston, Texas
- 1996 First Southwest Washington Coastal Erosion Study Workshop, Olympia, WA
- 1996 Sixth International Conference on Ground Penetrating Radar, Sendai, Japan
- 1995 American Geophysical Union, San Francisco, CA
- 1995 Canadian Quaternary Association, St. John's, Nfld.
- 1995 Geological Association of Canada, Victoria, B.C.
- 1995 Aggregate Forum, Vancouver, B.C.
- 1995 Canadian Association of Geographers - Western Division, Victoria, B.C.
- 1994 Watershed Management in Transition, Vancouver, B.C.
- 1994 Geological Society of America, Seattle, WA.
- 1994 Clastic Deposits of the Transgressive Systems tract: Facies, Stratigraphy and Reservoir Character, SEPM Research Conference, Long Beach, WA.
- 1994 5th International Conference on Ground Penetrating Radar, Waterloo, Ont.
- 1994 Symposium on the Application of Geophysics to Engineering and Environmental Problems, Boston, MA
- 1993 4th International Geomorphology Conference, Hamilton, Ont.
- 1993 Applied Quaternary Research - Canadian Quaternary Association, Victoria, B.C.
- 1993 Geological Association of Canada Annual Meeting, Edmonton, AB
- 1992 European Association of Exploration Geophysicists Annual Conference, Paris
- 1992 Sequence Stratigraphy of European Basins Conference, Nice, France
- 1992 Fourth International Conference on Ground Penetrating Radar, Rovaniemi, Fin.
- 1992 Canadian Society of Exploration Geophysicists Convention, Calgary, AB
- 1991 Coastal Depositional Systems in the Gulf of Mexico, Quaternary Framework and
- 1991 NUNA Conference on High-Resolution Sequence Stratigraphy, Banff, AB
- 1991 Society of Exploration Geophysicists - International Conference and Shallow Seismic Source Test, Houston, TX
- 1991 CREWES (Consortium for Research in Elastic Wave Exploration Seismology) Annual Meeting, Banff, AB
- 1991 Canadian Society of Exploration Geophysicists Convention and Geophysical Fair
- 1991 Canadian Sedimentology Research Group Meeting, Calgary, AB
- 1991 Western Division, Canadian Association Geographers Meeting, Calgary, AB
- 1990 Third International Conference on Ground Penetrating Radar, Denver, CO
- 1989 Second International Conference on Geomorphology, Frankfurt, Germany
- 1987 Society of Exploration Geophysicists Convention, New Orleans, LA
- 1987 Western Division, Canadian Association of Geographers Meeting, Burnaby, B.C.

## Professional Affiliations

### Member of:

- American Geophysical Union (AGU)
- Association of American Geographers (AAG)
- Gamma Theta Epsilon (GTU)
- Geological Society of America (GSA)
- International Society for Archaeological Prospection (ISAP)

### Academic and Research Associations (present and past):

- Associate Graduate Faculty, Minnesota State University, Mankato
- Adjunct Professor, Dept. of Earth and Environmental Sciences, University of Waterloo
- Associate Researcher - Bethsaida Excavations Project

- Adjunct - Professor of Geophysics - Department of Earth, Ecological and Environmental Sciences, University of Toledo, OH

## **Academic Service**

### **Departmental Award**

- Services for Students with Disabilities – honor selected by students and staff for department’s outstanding commitment to ensuring an accessible campus environment for all students.

### **Conference Organization**

- 19<sup>th</sup> International Conference on Ground Penetrating Radar (GPR 2022), Golden, CO, Planning Committee
- 18<sup>th</sup> International Conference on Ground Penetrating Radar (GPR 2020), Golden, CO, Planning Committee
- Geological Society of America North Central Section – 2020 Conference Planning Co-chair
- Session Chair for “Geological Applications” - 17<sup>th</sup> International Conference on Ground Penetrating Radar (GPR 2018), Rapperswil, Switzerland.
- Invited Scientific Panel Member – 17<sup>th</sup> International Conference on Ground Penetrating Radar (GPR 2018), Rapperswil, Switzerland.
- Session Chair for “A Tribute to Derald G. Smith – Visionary in the application of GPR in Earth Science Applications” - 16<sup>th</sup> International Conference on Ground Penetrating Radar (GPR 2016), Hong Kong.
- Invited Scientific Panel Member – 16<sup>th</sup> International Conference on Ground Penetrating Radar (GPR 2016), Hong Kong.
- Organizer and Session Chair for T55 – Investigating Coastal Environments: A tribute to Derald G. Smith (Sessions 85 & 212), Geological Society of America, 127<sup>th</sup> Annual Meeting, November 1-4, Baltimore, MD, Abstracts with Program
- Scientific Panel Member - 15<sup>th</sup> International Conference on Ground Penetrating Radar, Brussels, Belgium
- Technical Program Committee – 12<sup>th</sup> International Conference on Ground Penetrating Radar, Birmingham, UK, June 15 – 19, 2008
- Session Chair (with William Johnson) – Quaternary Geology/Geomorphology – Geological Society of America Annual Meeting, Denver, CO, October 28-31, 2007
- Organizing Committee – 11<sup>th</sup> International Conference on Ground Penetrating Radar, June 19-22, 2006 (Technical Program)
- Chair (invited) – Sedimentology Session (Reviewed papers submitted and chaired session) – 11<sup>th</sup> International Conference on Ground Penetrating Radar, June 19-22, 2006
- Chair (with L. Conyers - invited) – Archaeology Session (Reviewed papers submitted and chaired session) – 11<sup>th</sup> International Conference on Ground Penetrating Radar, June 19-22, 2006
- Chair (invited) – Archaeology Session – at the Symposium on the Application of Geophysics to Engineering and Environmental Problems (SAGEEP), 19<sup>th</sup> Annual Meeting, Seattle, WA, April 2-6, 2006.
- Chair (invited) – Geological Applications Session– at the 10<sup>th</sup> International Conference on Ground Penetrating Radar, Delft, The Netherlands, June 21-24, 2004
- initiated and co-organized (with G. Baker – University of Buffalo) and chaired session – Advances in Stratigraphic Analyses using Ground Penetrating Radar - at the Annual Meeting of the Geological Society of America, Seattle, WA, November 2-5, 2003

- initiated and co-organized (with R. Young – University of Oklahoma) and chaired session - Subseismic resolution GPR Imaging - at the 72<sup>nd</sup> Annual Meeting of the Society of Exploration Geophysicists, Salt Lake City, UT, Oct. 6 –11, 2002
- chaired (invited) session - Reservoir Characterization and Time-lapse (RCT P1) - at the 72<sup>nd</sup> Annual Meeting of the Society of Exploration Geophysicists, Salt Lake City, UT, Oct. 6-11, 2002.
- chaired (invited) session – Sedimentology/Environmental Applications – at the 9<sup>th</sup> International Conference on Ground Penetrating Radar, Santa Barbara, CA, April 29 – May 2, 2002
- initiated, planned and ran a Topical Session at the Geological Society of America 2001 Meeting. T33 – Coastal Erosion Programs: Collaborative Research in Action. Geological Society of America, Annual Meeting, Boston, MA, November 1-10, 33(6).
- initiated, planned and successfully ran the first GPR in Sediments: Applications and Interpretations Conference with Charlie Bristow. Held at the Geological Society of London and the University College of London, London, England, August 20-21, 2001

#### **Academic Journal Manuscript Reviewer**

- multiple journals, 1996 – present (~ 4-5 manuscripts reviewed in past year)

#### **Proposal Reviewer for multipole organizations, including:**

- National Science Foundation
- Petroleum Research Foundation
- University of Wisconsin – Eau Claire Office of Research and Sponsored Programs
- NASA Planetary Science Division Research and Analysis
- GSA | Quaternary Geology and Geomorphology

#### **Conference – Paper/Poster Judge**

- EuroGPR Young Scientists Award, 17<sup>th</sup> International Conference on Ground Penetrating Radar (GPR 2018), Rapperswil, Switzerland
- Student Research Symposium, Frontiers Abroad and the University of Canterbury, June 1, Christchurch, New Zealand.
- Geological Society of America Joint 52nd Northeastern Annual Section and 51st North-Central Annual Section Meeting, March 19-21, Pittsburgh, Pennsylvania.
- American Association of Geographers – multiple times

#### **Graduate Advising**

- Minnesota State University – Mankato, Luke Burds, Title: The Kiwanis Site: A Multi-Method Geophysical Approach to Investigating Mound Features
- University of Waterloo – MSc Earth and Environmental Sciences – Sean Morrison, Title: Natural Late Holocene lake level fluctuations recorded in the Ipperwash strandplain, southern Lake Huron – September 2017, co-advisor
- University of Wisconsin-Milwaukee - MSc Geosciences – Andrew J. Mumpy, Title: Three-dimensional Architecture and Sedimentology of a Modern Braid Bar in the Wisconsin River: Analysis using Ground Penetrating Radar – May 2004, co-advisor
- advise students from various universities on data collection, processing and interpretation of ground penetrating radar data

## **University of Wisconsin-Eau Claire Committees (present and former)**

- Office of Research and Sponsored Programs – WiSYS Quick Pitch Organizing Committee (2016, 2017, 2018, 2019, 2021, 2022, 2023)
- Assistant Professor Search Committee, Department of Geography and Anthropology
- Visiting Assistant Professor Search Committee, Department of Geography and Anthropology
- New Science and Health Science Building Departmental Subcommittee
- Center for Excellence in Teaching and Learning Advisory Board
- Center for Excellence in Teaching and Learning – Regents Teaching Award Advisory Committee
- Accounts Payable Project Team - Administrative Service Center Implementation Project
- Office of Research and Sponsored Programs – Review Committee (Stem C)
- University Internal Review Committee – Department of Communication Sciences and Disorders (chair)
- University Internal Review Committee – Department of Computer Science
- University Internal Review Committee – Department of Physics and Astronomy (x2)
- University Internal Review Committee – Department of Chemistry
- University Service Learning Advisory Committee –co-chair
- = Recreation EAC interviews
- Office of Research and Sponsored Programs – Report of Publications Taskforce
- Departmental Personnel Committee (chair & secretary/Full Professor Subcommittee)
- Simpson Fund Visionary Committee
- Departmental Curriculum Committee (Secretary)
- Departmental Scholarship Committee
- Geospatial Advisory Board Committee
- University Senate
- University Faculty Nominating Committee (Senate)
- Center for Excellence in Teaching and Learning Advisory Council
- University Senate Technology Committee (member and Chair)
- University Service Learning Advisory Committee
  - University Service Learning Advisory Awards Sub-Committee
- Network for the Excellence in Teaching (NET) Advisory Council
- Recreation Advisory Committee
- Judicial Issues Committee
- University Search Committee for the Assistant Vice Chancellor and CIO
- University Research Council
- University Research and Creative Activity Council
- Riverbank Evaluation

- Computational Science committee (development of new minor)
- UWEC Travel/Travel Warning committee
- Phillips Hall Renovation committees
- Input to new Environmental Science minor
- = Environmental Science minor advisor

**University, Departmental & Community** (present and past)

- co-organizer of the Banff Mountain Film Festival World Tour (2013, 2014, 2015, 2106, 2017, 2018, 2019, 2020, 2022, 2023)
- co-organizer of UWEC's Earth Science Seminar Series (25+ years, fall, spring)
- recruit and organize departmental SAs for 104
- co-organizer of UWEC's Holocaust Remembrance Day (2023, 2024)
- department representative at UWEC Commencement and follow-up gathering
- plan, prepare and run regular research team meetings to mentor undergraduate research
- organize professional socials for students in undergraduate research and classes
- Opening Day Volunteer for Student Sessions (2019, 2020)
- Service Learning Mentor (Faculty and Community Mentor)
- co-organizer of the Radical Reels Film Tour (2017, 2018, 2019)
- Graduate Faculty 1996 - present
- WiSys Quick Pitch – student trainer
- = NCUR 2023 Abstract reviewer
- faculty peer review partner, CETL
- Connect Sessions- Opening Day
- faculty mentor – incoming faculty
- Service Learning Mentor & Supervisor
- organized “Sanctuaries” photo exhibition from Hartford School of Art. Exhibition which was held at the UWEC McIntyre Library (Spring 2008)
- organized visit by Dr. Richard Freund (multiple seminars – November 2006)
- organized “Baths, Burials and Beyond” photo exhibition from Hartford School of Art. Exhibition was held at the UWEC McIntyre Library (November 2006)
- participated in University Alumni Gathering, Bellevue (April 2006)
- co-organized University Alumni Gathering, Chicago (March 2006)
- organized “Holy Sites, Holy Sights” photo exhibition from Hartford School of Art. Exhibition was held at the UWEC Foster Gallery with opening reception and speaker from the University of Hartford)
- initiated and co-organized (with P. Ihinger and D. Faulkner) - Earth Science Seminar Series (Fall 2004)
- initiated and co-organized (with G. Running and D. Faulkner) - Physical Geography Seminar Series (Spring 2004)

- co-organized (with K. Havholm) a seminar by Glenn Berger (Desert Research Institute) – Dating sediment using fossil light: case histories in sand dunes and polar lakes.
- Geography Majors Day -aided in planning
- GIS Day - aided in planning
- presentation “Thriving as Faculty” for New Faculty and Staff Orientation, UWEC (1998, 1999)
- presentation to New Faculty and Academic Staff on the balance between teaching and research - request from the Dean's Office

#### **Vice-President (2006 – 2008)**

Coastal and Marine Geography Specialty Group of the Association of American Geographers

#### **Secretary/Treasurer/Newsletter Editor (1999-2002)**

Coastal and Marine Geography Specialty Group of the Association of American Geographers

#### **University of Wisconsin System - Board of Regents Presentation**

- on the Student/Faculty Research Collaboration Program at UWEC - requested by the Chancellors Office

#### **Lecturer**

- University of Wisconsin-Eau Claire - Continuing Education – Community Program on Explorations in Biblical Archaeology
- In-Service Training Day Speaker -Chippewa County - on Ground Penetrating Radar
- Wisconsin Geography Alliance - on Updates within in Remote Sensing and Geographic Information Systems

#### **Faculty Advisor**

- Geography and Environmental Geography Majors
- Geography Club
- Geography Honors Society (Gamma Theta Upsilon)
- Participate in “Taking a Wing under Your Wing” UWEC program

#### **Technical Advisor**

- advising universities, government institutions and industry on the use and purchase of ground penetrating radar (GPR)

#### **Film/Documentary Production**

- invited participant – Resistance They Fought Back
- invited participant – How the Holocaust Began (BBC)
- invited participant – Secrets of the Synagogue of Vilna (Institute Francais)
- invited participant – The Good Nazi (Associated Producers)
- invited participant – The Holocaust Escape Tunnel (NOVA)
- invited participant in the *production of a film* entitled “Secrets of the Cave of Letters” The video was filmed during the research project that was conducted in Israel during the summer of 2000. The film is being produced by NOVA.



- invited participant in the *production of a video* entitled "Return to the Cave of Letters" The video was filmed during the research project that was conducted in Israel during the summer of 1999. (produced by University of Nebraska TV).
- video shot of Geography 491 class for university commercials
- invited participant in the production of the video "At Ocean's Edge: Coastal Change in Southwest Washington" (United States Geological Survey Production)

**Graduate Representative**

- Geography Department Graduate Program Review Committee
- Council of the Faculty of Graduate Studies
- Faculty of Graduate Studies Policy Committee
- Graduate Student Association
- Geography Department; Graduate Lounge Committee

**Co-Registrar** - Canadian Association of Geographers (Western Division, 1991)

**Director at Large** - Graduate Student Association (University of Calgary)

**Undergraduate Representative** - Geography Department Undergraduate Program Review Committee (Simon Fraser University)