

CURRICULUM VITAE

Douglas J. Faulkner

PRESENT POSITION

August 2016 to present: Professor, Department of Geography and Anthropology, University of Wisconsin-Eau Claire.

PREVIOUS ACADEMIC POSITIONS

May 2013 to August 2016: Associate Professor, Department of Geography and Anthropology, University of Wisconsin-Eau Claire.

May 2009 to May 2013: Associate Professor and Department Chair, Department of Geography and Anthropology, University of Wisconsin-Eau Claire.

August 2004 to May 2009: Associate Professor, Department of Geography and Anthropology, University of Wisconsin-Eau Claire.

August 2000 to August 2004: Assistant Professor, Department of Geography and Anthropology, University of Wisconsin-Eau Claire.

August 1995 to May 2000: Assistant Professor, Department of Geosciences, University of Missouri-Kansas City.

Summer 1999: Visiting Professor, Department of Geography, University of Kansas.

Winter and Spring Terms, 1995: Visiting Assistant Professor, Department of Geography, Dartmouth College.

Fall 1994: Lecturer, Department of Geography, University of Wisconsin-Madison.

June 1992 to May 1993: Research Assistant, Department of Geography, University of Wisconsin-Madison.

August 1983 to May 1987: Teaching Assistant, Department of Geography, University of Wisconsin-Madison.

NON-ACADEMIC PROFESSIONAL EXPERIENCE

July 1987 to August 1990: Environmental Analyst, Mead & Hunt Consulting Engineers, Madison, WI.

June to August 1986: Hydrologic Technician, U.S. Geological Survey, Madison, Wisconsin.

EDUCATION

May 1994: Ph.D. in Geography (minor in Geology), University of Wisconsin-Madison.
Dissertation: Historical Erosion, Land Use, and Sedimentation in the Lower Buffalo River Watershed, West-Central Wisconsin.

December 1987: M.S. in Geography, University of Wisconsin-Madison. Thesis: Recent Geomorphic Evolution of Incised Stream Channels in Dry Creek Watershed, Southwest Nebraska.

December 1986: M.S. in Water Resources Management, Institute of Environmental Studies, University of Wisconsin-Madison. Capstone workshop report: Delavan Lake: a Recovery and Management Study.

July 1983: B.A. in Philosophy, Politics, and Economics, Oxford University.

May 1980: B.A. in Geography, University of Nebraska-Lincoln.

HONORS AND AWARDS

- October 2022: Undergraduate Research Mentor Award, Council on Undergraduate Research, Geosciences Division
- April 2019: G.K. Gilbert Award for Excellence in Geomorphological Research (AAG Geomorphology Specialty Group)
- May 2017: Excellence in Mentoring in Research, Scholarship and Creative Activity, University of Wisconsin-Eau Claire
- October 1993: Second Place, Wisconsin State Soil Judging Contest
- 1984: Whitbeck Fellowship, Department of Geography, University of Wisconsin-Madison.
- 1980 to 1983: Marshall Scholarship, United Kingdom
- May 1980: Graduation with Highest Distinction, University of Nebraska-Lincoln
- May 1980: Chancellor's Scholar Award, University of Nebraska-Lincoln
- April 1980: Phi Beta Kappa
- 1979-80: Donald Miller Scholarship, University of Nebraska-Lincoln
- 1976 to 1980: Regents' Scholarship, University of Nebraska-Lincoln
- 1976 to 1980: Union Pacific Railroad Scholarship

COURSES TAUGHT AT UW-EAU CLAIRE

- GEOG 104: The Physical Environment
- GEOG 178: Conservation of the Environment
- GEOG 304: Introduction to Geomorphology
- GEOG 340: Climatology
- GEOG 363: Watershed Analysis (initially taught as GEOG 491: Special Topics)
- GEOG 364: Fluvial Processes and Landforms (initially taught as GEOG 491: Special Topics)
- GEOG 365: Outdoor Recreation
- GEOG 368: Geography Field Seminar – Geography of Hawaii (Fall 2011 and Spring 2016)
- GEOG 368: Geography Field Seminar – Physical Geography of Wisconsin (Summer 2017)
- GEOG 375: Environmental Quality
- GEOG 378: International Environmental Problems and Policies
- GEOG 401: Capstone Seminar – Hawaii Field Study (Fall 2005, with Harry Jol)
- GEOG 401: Capstone Seminar – Lower Colorado River (Spring 2009)

REFEREED PUBLICATIONS

- 2023: **Faulkner, D.J.**, Rawling, J.E. III, and Larson, P.H. 2023. Quaternary geology and geomorphology of the Eau Claire region. *In* Lodge, R.W.D. (Ed.), Institute on Lake Superior Geology Proceedings, 69th Annual Meeting, Eau Claire, Wisconsin, Part 2 – Field Trip Guidebooks. v.69, part 2, p.72-86.
- 2022: Schatzl, R.J., Running, G.L., Larson, P.H., Rittenour, T.M., Yansa, C.H., and **Faulkner, D.J.** Luminescence dating of sand wedges constrains the Late Wisconsin (MIS-2) permafrost interval in the Upper Midwest, USA. *Boreas* 51: 385-401.
- 2108: Schatzl, R.J., Larson, P.H., **Faulkner, D.J.**, Running, G.L., Jol, H.M., and Rittenour, T.M. Eolian sand and loess deposits indicate west-northwest paleowinds during the Late Pleistocene in western Wisconsin, USA. *Quaternary Research* 89: 769-785.

- 2016: **Faulkner, D.J.**, Larson, P.H., Jol, H.M., Running, G.L., Loope, H.M. and Goble, R.J. Autogenic incision and terrace formation resulting from abrupt late-glacial base-level fall, Lower Chippewa River, Wisconsin, USA. *Geomorphology* 266: 75-95.
- 2015: Larson, P.H., Dorn, R.I., **Faulkner, D.J.**, and Friend, D.A. Toe-cut terraces: a review and proposed criteria to differentiate from traditional fluvial terraces. *Progress in Physical Geography* 39: 417-439.
- 2002: **Faulkner, D.J.** Holocene history of changing sediment yields from small watersheds in the central Great Plains of southwest Nebraska. *Physical Geography* 23: 343-365.
- 1998: **Faulkner, D.J.** Spatially variable historical alluviation and channel incision in west-central Wisconsin. *Annals, Association of American Geographers* 88: 666-685.
- 1996: **Faulkner, D.J.** Brush Creek: urban menace or asset? In: F.A. Schoolmaster, ed., *Papers and Proceedings of the Applied Geography Conferences* 19: 307-316.
- 1996: **Faulkner, D.J.**, and McIntyre, S.C. Persisting sediment yields and sediment delivery changes. *The Water Resources Bulletin* 32: 817-829.

REPORTS AND MAPS

- 2016: Faulkner, D.J., and Running, G.L. Stop 1: Geomorphic overview of the Lower Chippewa River, Stop 2: Late Quaternary terraces and terrace formation in the Lower Chippewa River valley, and Stop 3: Local drainage system dammed by eolian sand. In: R. Schaetzl, ed., *Field Trip Guidebook, 2016 INQUA LoessFest*, pp. 36-50.
- 2014: **Faulkner, D.J.** *Assessing the role of reed canary grass in the declining active channel area of the Lower Chippewa River*. Final Project Report to Xcel Energy, 9 p.
- 2012: **Faulkner, D.J.**, and Lonzarich, D.G. *Linking channel stability and fish habitat in the Lower Chippewa River*. Final Project Report to Xcel Energy, 58 p.
- 2011: **Faulkner, D.J.**, Jol, H.M., and Running, G.L. Late Quaternary terraces of the Lower Chippewa River Valley. In: J.A. Mason, ed., *Late Quaternary Landscape Dynamics Beyond the Ice Margin in the Upper Mississippi Valley*, Field Trip Guidebook, Geological Society of America Annual Meeting, pp. 60-68.
- 2007: Trombly, N.R. (undergraduate student and lead cartographer), and **Faulkner, D.J.** (faculty mentor). *Bathymetric Map of Half Moon Lake*. Map produced for the City of Eau Claire and the Wisconsin Department of Natural Resources.
- 2005: **Faulkner, D.J.**, and Weiher, E.R. *Hydrographic and Vegetation Change in the Tiffany Bottoms Area of the Lower Chippewa River in Buffalo County*. Technical Report to the Wisconsin Department of Natural Resources, 55 p.
- 2001: Gray, T., and **Faulkner, D.J.** *Geomorphic Stream Assessment and Stream Rehabilitation for Seavey Ditch at Century Park, Vernon Hills, Illinois*. Report to the Vernon Hills, Illinois, Park District.
- 1994: **Faulkner, D.J.**, and Knox, J.C. *Post-Settlement Erosion and Sedimentation in the Lower Buffalo River Watershed*. Technical Report to the Wisconsin Department of Natural Resources, 83 p. plus appendices.

BOOK REVIEWS

- 2015: **Faulkner, D.J.** S.W. Trimble, *Historical Agriculture and Soil Erosion in the Upper Mississippi Valley Hill Country* (2013). *The AAG Review of Books* 3: 27-29.
- 1994: **Faulkner, D.J.** P.A. Carling and G.E. Petts, eds., *Lowland Floodplain Rivers: Geomorphological Perspectives* (1992). *Progress in Physical Geography* 18: 145-146.

PRESENTATIONS AT PROFESSIONAL MEETINGS (undergraduate collaborators in italics)

- 2024: **Faulkner, D.J.**, *‘Āina and Me: Lessons Learned Bringing Midwest Undergrads to Hawai‘i Island (paper). Abstracts, Annual Meeting - American Association of Geographers, Honolulu, HI.*
- 2021: *Grong, K., Delikowski, H., Faulkner, D.J.*, Fluvial system response to abrupt base-level fall: mapping tributary stream terraces in the lower Chippewa River watershed (virtual poster). *Abstracts, Annual Meeting - American Association of Geographers, Seattle, WA.*
- 2019: Larson, P.H., Millett, J., Burds, L., Mataitis, R.J., Running, G.L., Rittenour, T.M., Nelson, M.S., Schaetzl, R.J., **Faulkner, D.J.**, Schirmer, R.C. Defining the geomorphology of cliff-top dunes: Case study of the Chippewa River valley, WI, USA (poster): *Abstracts with Programs – Geological Society of America 51(5), Phoenix, AZ.*
- 2019 Mataitis, R.J., Larson, P.H., Running, G.L., Schaetzl, R.J., Bowen, M.W., **Faulkner, D.J.**, Rittenour, T.M., Nelson, M.S., Burds, L., Schirmer, R.C. Revisiting the distribution and geomorphology of sand stringers beyond the ice margin (poster): *Abstracts with Programs – Geological Society of America 51(5), Phoenix, AZ.*
- 2019: **Faulkner, D.J.**, Larson, P.H., Running, G.L., and Jol, H.M. The paraglacial lower Chippewa River, west-central Wisconsin, USA (paper): *Abstracts with Programs – Geological Society of America 51(5), Phoenix, AZ.*
- 2019: **Faulkner, D.J.**, Larson, P.H., Adams, H.R., Kuehl, K.J., Hilgendorf, Z.T., Jol, H.M., and Running, G.L. The Chippewa River: Paragon of a paraglacial fluvial system (paper): *Abstracts, Annual Meeting - American Association of Geographers, Washington, D.C.*
- 2018: *Kurtz, L.M.*, and **Faulkner, D.J.** Searching for flood rings in *Quercus macrocarpa* on the Lower Chippewa River (poster). *Abstracts, Annual Meeting - American Association of Geographers, New Orleans, LA.*
- 2017: *Vincent, A.M., Kuehl, K.J.*, and **Faulkner, D.J.** Patterns of gravel-bed fining on the Lower Chippewa River, west-central Wisconsin (poster). *Abstracts, Annual Meeting - American Association of Geographers, Boston, MA.*
- 2016: *Vincent, A.M., Kuehl, K.J.*, and **Faulkner, D.J.** Downstream Fining Patterns on the Chippewa River (poster). *Annual Meeting, East and West Lakes Divisions of the American Association of Geographers, Marquette, MI.*
- 2016: *Adams, H.R., Vincent, A.M.*, and **Faulkner, D.J.** Patterns of downstream fining on the Lower Chippewa River, Wisconsin (poster). *Abstracts, Annual Meeting - American Association of Geographers, San Francisco, CA.*
- 2016: *Moothart, E.A., Nesbit, S.C.*, **Faulkner, D.J.**, and Running, G.L. Active channel loss, reed canary grass expansion, and nutrient-enriched groundwater in the Lower Chippewa River in west-central Wisconsin (poster). *Abstracts, Annual Meeting – American Association of Geographers, San Francisco, CA.*
- 2015: *Adams, H.R., Vincent, A.M.*, and **Faulkner, D.J.** Investigation of grain-size sorting trends on the lower Chippewa River (poster). *Annual Meeting, West Lakes Division of the Association of American Geographers, Eau Claire, WI.*
- 2105: **Faulkner, D.J.** Active channel loss due to reed canary grass along the Lower Chippewa River, west-central Wisconsin. *International Society of River Science Biennial Symposium, La Crosse, WI.*

- 2015: *Hilgendorf, Z.T., and Faulkner, D.J.* The extent of tributary incision in response to knickpoint migration on the lower Chippewa River in west-central Wisconsin (poster): *Abstracts, Annual Meeting - Association of American Geographers*, Chicago, IL.
- 2014: *Wick, N.S., Krueger, S.A., and Faulkner, D.J.* A detailed long profile of the lower Chippewa River: evidence of ongoing episodic incision (poster): *Abstracts, Annual Meeting - Association of American Geographers*, Tampa, FL.
- 2014: *Becker, J., Arnevik, A., and Faulkner, D.J.* Active channel loss on the lower Chippewa River due to reed canary grass (poster): *Abstracts, Annual Meeting - Association of American Geographers*, Tampa, FL.
- 2013: **Faulkner, D.J.**, Jol, H.M., and Running, G.L. Late Quaternary incision and terrace formation in the lower Chippewa River Valley, west-central Wisconsin: a case of long-term complex response (paper): *Abstracts, Annual Meeting - Association of American Geographers*, Los Angeles, CA.
- 2011: **Faulkner, D.J.** Late Quaternary incision and terrace formation in the lower Chippewa River Valley, west-central Wisconsin (paper): *Abstracts with Programs - Geological Society of America* 43(5): 509, Minneapolis, MN.
- 2010: **Faulkner, D.J.**, *Ellison, E., King, N.E., and Wichlacz, A.E.* Quantifying channel change from aerial photographs: a case study of the Chippewa River in northwest Wisconsin (paper): *Abstracts, Annual Meeting - Association of American Geographers*, Washington, D.C.
- 2009: **Faulkner, D.J.**, *King, N.E., and Wichlacz, A.E.* Planimetric channel change along the lower Chippewa River in west-central Wisconsin, 1938-2005 (poster): *Abstracts, Annual Meeting - Association of American Geographers*, Las Vegas, NV.
- 2009: *Guida, R.J., Jol, H.M., and Faulkner, D.J.* Ground truthing GPR profiles: Half Moon Lake, Eau Claire, Wisconsin (poster): *Abstracts, Annual Meeting - Association of American Geographers*, Las Vegas, NV.
- 2009: *Young, B.M., Swartz, D., Running, G.L., Faulkner, D.J., and Jol, H.M.* Soils and subsurface GPR imaging of fluvial terraces in the Lower Chippewa River Valley, WI (poster): *Abstracts, Annual Meeting - Association of American Geographers*, Las Vegas, NV.
- 2008: *Ellison, E., Wichlacz, A.E., and Faulkner, D.J.* Historical channel change of the Lower Chippewa River in west-central Wisconsin (poster): *Abstracts, Annual Meeting - Association of American Geographers*, Boston, MA.
- 2008: *Larson, P.H., Dryer, W.P., McDonald, J., Baker, A., Verbout, S.N., Running, G.L., Faulkner, D.J., and Jol, H.M.* Geomorphology of cliff-top parabolic dunes within the Lower Chippewa River Valley, upper Putnam Park, Eau Claire, Wisconsin (poster): *Abstracts, Annual Meeting - Association of American Geographers*, Boston, MA.
- 2008: *Olson, L.M., Larson, P., Hupy, J., Jol, H.M., Faulkner, D.J., and Running, G.L.* Late Quaternary eolian dunes and fluvial terraces of the Lower Chippewa River Valley (poster): *Abstracts, Annual Meeting - Association of American Geographers*, Boston, MA.
- 2007 *Dryer, W.P., Wittkop, C., and Faulkner, D.J.* Fluvial landforms of the 2006 Suncook River avulsion, Epsom, New Hampshire (poster): *Abstracts with Programs - Geological Society of America* 39(6): 321.

- 2007: *Speer, D., Larson, P.H., Jol, H.M., Faulkner, D.J., and Running, G.L.* Post-glacial history of the Lower Chippewa River Valley, western Wisconsin: a progress report (poster): *Abstracts, Annual Meeting - Association of American Geographers*, San Francisco, CA.
- 2007: **Faulkner, D.J.**, and Weiher, E.R.. Hydrographic change in the Tiffany Bottoms from 1939 to 2001 (paper): 12th Annual Wetland Science Forum of the Wisconsin Wetlands Association, La Crosse, WI.
- 2006: Jol, H.M., **Faulkner, D.J.**, Albrecht, A., *Sternberg, C.*, and *Trombly, N.* Bottom and sub-bottom GPR imaging within shallow Wisconsin lakes; benefits and problems (poster): *Abstracts with Programs - Geological Society of America* 38(7): 14.
- 2006: *Farrell, C., Henderson, J., Knabel, S., Molnar, M., Pirkl, D., Strong, J., Faulkner, D.J., and Jol, H.M.* Evidence of an extreme paleoflood in Honokoa Gulch, Hawaii (poster): *Abstracts, Annual Meeting - Association of American Geographers*, Chicago, IL.
- 2006: *Sternberg, C., Trombly, N., Jol, H.M., and Faulkner, D.J.* Geomorphic analysis of historical sedimentation in Half Moon Lake, Eau Claire, WI (poster): *Abstracts, Annual Meeting - Association of American Geographers*, Chicago, IL.
- 2006: *Bode, J., Graham, N., Daniels, C., Hurd, L., Kouba, R., Lenon, T., Nier, M., Schwartz, M., Spina, J., Sternberg, C., Jol, H.M., and Faulkner, D.J.* Investigation of coastal erosion along Hapuna Beach, Hawaii (poster): *Abstracts, Annual Meeting - Association of American Geographers*, Chicago, IL.
- 2005: **Faulkner, D.J.**, and *Wong, K-Y.* Changing hydrography in the Tiffany Bottoms of west-central Wisconsin (poster): *Abstracts, Annual Meeting - Association of American Geographers*, Denver, CO.
- 2005: *Freeland, J., Running, G.L., Barth, R.J., and Faulkner, D.J.* Reconstructing the precontact Chippewa River Valley: landscape reconstruction using GIS and GLO township surveys (poster): *Abstracts, Annual Meeting - Association of American Geographers*, Denver, CO.
- 2004: **Faulkner, D.J.**, and Hartnett, S. Hydraulic modeling of the Chippewa River in Eau Claire, WI, with HEC-RAS and HEC-GeoRAS (poster): *Proceedings of the 2004 American Water Resources Association Spring Conference: GIS and Water Resources III.*
- 2004: **Faulkner, D.J.**, *Lange, A., DeChaine, R., and Piper-Stiper, T.* Recent hydrographic change in the Tiffany Bottoms, Chippewa River, Wisconsin (poster): *Abstracts, Annual Meeting - Association of American Geographers*, Philadelphia, PA.
- 2003: **Faulkner, D.J.**, and Hartnett, S. Using ArcView and HEC-RAS to model flood hydraulics along the Chippewa River in west-central Wisconsin (poster): *Abstracts, Annual Meeting - Association of American Geographers*, New Orleans, LA.
- 2002: **Faulkner, D.J.**, and *Rutten, T.* Tributary stream channel stability in the Buffalo River watershed, West-Central Wisconsin (poster): *Abstracts, Annual Meeting - Association of American Geographers*, Los Angeles, CA.
- 2001: **Faulkner, D.J.** Late Quaternary vertical stability along the Platte River in southwestern Nebraska (paper): *Abstracts, Annual Meeting - Association of American Geographers*, New York, NY.
- 2000: **Faulkner, D.J.** Upstream effects of a baselevel rise on the Buffalo River, west-central Wisconsin (paper): *Abstracts, Annual Meeting - Association of American Geographers*, Pittsburgh, PA.

- 1999: Niemi, T.M., and **Faulkner, D.J.** Riparian ecosystem monitoring in an introductory environmental science laboratory (poster): *Abstracts with Programs - Geological Society of America* 31(7): 271.
- 1999: **Faulkner, D.J.** Alluvial fans as records of geomorphic stability and change in the central United States (poster): *Abstracts, Annual Meeting - Association of American Geographers*, Honolulu, HI.
- 1998: **Faulkner, D.J.** Holocene alluvial fans as records of vertical stability along the Platte River in south-central Nebraska (paper): *Abstracts with Programs - Geological Society of America* 30(7): 294-295.
- 1997: **Faulkner, D.J.** Late Quaternary history of alluvial fans in the Platte River valley of south-central Nebraska (paper): *Abstracts with Programs - Geological Society of America* 29(6): 411.
- 1996: **Faulkner, D.J.** Post-settlement alluvial fan sedimentation along the lower Buffalo River in west-central Wisconsin (paper): *Abstracts, Annual Meeting - Association of American Geographers*, Charlotte, NC.
- 1995: **Faulkner, D.J.** Backwater sedimentation and sediment delivery in the Buffalo River watershed (paper): *Abstracts, Annual Meeting - Association of American Geographers*, Chicago, IL.
- 1994: **Faulkner, D.J.** Historical sediment storage in the Buffalo River watershed, west-central WI (paper): *Abstracts, Annual Meeting - Association of American Geographers*, San Francisco, CA.
- 1992: **Faulkner, D.J.** Recent channel evolution of Dry Creek in southwest Nebraska (paper): *Abstracts, Annual Meeting - Association of American Geographers, 1992*.

INVITED LECTURES

- October 2021: The paraglacial Chippewa River, west-central Wisconsin: a case study of long-term complex response to abrupt base-level fall. R. James Kirkpatrick Lecture, Department of Geology Colloquium, University of Illinois.
- March 2021: A Natural History of the Red Cedar River. Red Cedar Watershed Conference, University of Wisconsin-Stout (virtual).
- April 2019: The Lower Chippewa River: paragon of a paraglacial fluvial system. Earth Science Seminar Series, University of Wisconsin-Eau Claire.
- November 2014: A geomorphic history of the Lower Chippewa River, west-central Wisconsin. Geography Department Colloquium Series, Minnesota State University, Mankato, MN.
- April 2013: Late Quaternary incision and terrace formation in the Lower Chippewa River Valley. Earth Science Seminar Series, University of Wisconsin-Eau Claire.
- February 2010: From glaciers to dams: a geomorphic history of the Lower Chippewa River. Faculty Forum, Office of Research and Sponsored Programs, University of Wisconsin-Eau Claire.
- April 2004: Alluvial fans as records of geomorphic stability and change in the central Great Plains of southwest Nebraska. Simpson Physical Geography Seminar Series, University of Wisconsin-Eau Claire.
- October 2002: Recent channel change along tributary streams in the Buffalo River Watershed. Faculty Forum, Office of Research and Sponsored Programs, University of Wisconsin-Eau Claire.

- January 2002: Persisting high sediment yields from Driftless Area watersheds. The Blufflands Forum, La Crosse, Wisconsin.
- April 2001: Riecks Lake sedimentation and tributary channel change in the Lower Buffalo River Watershed. Buffalo County Land Conservation Department, Alma, WI.
- January 2001: Recent evolution of tributary streams in the Lower Buffalo River Watershed. Buffalo County Land Conservation Department, Alma, WI.
- October 1999: Holocene alluvial fans as records of landscape evolution in the central Great Plains. Department of Geography, University of Missouri-Columbia.
- December 1996: Sediment delivery changes in the agricultural landscape of west-central Wisconsin: a case study of the Lower Buffalo River. Department of Geography, Kansas State University.

MENTORING – UWEC CELEBRATION OF EXCELLENCE IN RESEARCH AND CREATIVE ACTIVITY (formerly Student Research Day)

- 2019: Slade, A. Mapping post-glacial terraces in the lower Cannon River valley, southeastern Minnesota: Geomorphic and Archaeological Significance
- 2019: Slade, A. Sand stringers in southeastern Minnesota and west-central Wisconsin: a progress report (co-mentor with Garry Running)
- 2018: Kurtz, L. Searching for Flood Rings in *Quercus macrocarpa* on the Lower Chippewa River
- 2018: Braunling, K., Smith, E., and Tollakson, D. Effects of improved agricultural practices on stream channels in the Galena River watershed
- 2017: Vincent, A., and Kuehl, K. Spatial variations in sediment transport inferred from downstream fining patterns of bed material, lower Chippewa River, west-central Wisconsin
- 2016: Adams, H., and Vincent, A. Patterns of downstream fining on the Lower Chippewa River.
- 2016: Moothart, E., and Nesbit, S. Active channel loss, reed canary grass expansion, and nutrient-enriched groundwater in the lower Chippewa River in west-central Wisconsin.
- 2016: Moothart, E., Anderson, N., Adams, H., Williams, A., Smuhl, R., Cottrell, E., and Kleist, B. Knickpoints: evidence of a domino effect on tributaries to the lower Chippewa River.
- 2015: Hilgendorf, Z. The extent of tributary incision in response to knickpoint migration on the lower Chippewa River in west-central Wisconsin.
- 2013: Wick, N.S., and Krueger, S.A. Detailed long profile of the lower Chippewa River: evidence of ongoing episodic incision.
- 2013: Morrison, S.M., Roeglin, L.E., and Struve, M.W. Incision and lateral migration along terraces of the lower Chippewa River Valley, WI, USA: a GPR investigation of a 4-5 m thick braid deposit (co-mentor with Harry Jol and Garry Running)
- 2009: King, N.E., and Wichlacz, A.E. Planimetric channel change along the lower Chippewa River in west-central Wisconsin, 1938-2008 (received a 6th place award in the life and earth sciences category).
- 2009: Young, B.M., and Swartz, D. Soils and Subsurface GPR Imaging of fluvial terraces in the lower Chippewa River Valley, WI (co-mentor with Garry Running).
- 2009: Guida, R.J. Ground-truthing GPR profiles: Half Moon Lake, Eau Claire, Wisconsin (co-mentor with Harry Jol).

- 2009: Crist, T.L. Investigating hornblende etching as a relative dating technique in the Lower Chippewa River valley (co-mentor with Garry Running).
- 2008: Wichlacz, A.E., and Ellison, E. Historical channel change of the lower Chippewa River in west-central Wisconsin.
- 2008: Larson, P.H., and Olson, L.M. Late Quaternary eolian dunes and fluvial terraces of the lower Chippewa River valley. (co-mentor with Garry Running, Harry Jol, and Joe Hupy).
- 2008: Larson, P.H., McDonald, J., Dryer, W.P., and Baker, A. Geomorphology of cliff-top parabolic dunes within the Lower Chippewa River Valley, Upper Putnam Park, Eau Claire, Wisconsin (co-mentor with Garry Running and Harry Jol).
- 2008: Dryer, W.P., and McDonald, J. Subaqueous industrial waste in western Wisconsin lakes: reducing/redirecting the dredged materials from landfills (co-mentor with Harry Jol) (received a 5th place award in the life and earth sciences category).
- 2007: Beaver, N.P., Chase, E.L., Ebert, J.E., King, N.E., and Larson, P.H. Geomorphic history of the Chippewa River Valley in the vicinity of Half Moon Lake, Eau Claire, Wisconsin.
- 2007: Dryer, W.P., and Speer, D.M. GPR imaging of subaqueous deposits within Half Moon Lake, Wisconsin (co-mentor with Harry Jol).
- 2007: Speer, D.M., and Larson, P.H. Late Quaternary stream terraces of the lower Chippewa River valley, west-central Wisconsin (co-mentors with Harry Jol and Garry Running) (received a 2nd place award in the life and earth sciences category).
- 2006: Trombly, N.R. Electric power generation and reduction of greenhouse gas emissions: antithetical paradigms of France and Germany.
- 2006: Bode, J., Kouba, R., and Hurd, L. Laser leveling along Hapuna Beach, Hawaii (co-mentor with Harry Jol).
- 2006: Cramer, B., Farrell, C., Henderson, J., Knabel, S., Molnar, M., Nelson, M., Pirkl, D., Strong, J., and Suppes, B. Paleoflood research in Honokoa Gulch, Hawaii (co-mentor with Harry Jol) (received a 3rd place award in the natural and physical sciences category).
- 2006: Johnson, S., and Schwartz, M. Vegetation survey of Hapuna Beach, Hawaii. (co-mentor with Harry Jol).
- 2006: Sternberg, C., and Nier, M. GPS data from Hapuna Beach, Hawaii (co-mentor with Harry Jol).
- 2006: Sternberg, C., and Trombly, N. Geomorphic analysis of historical sedimentation in Half Moon Lake, Eau Claire, WI (co-mentor with Harry Jol).
- 2006: Wong, K-Y., Bode, J., and Lenon, T. GPR investigation of Hapuna Beach, Hawaii (co-mentor with Prof. Harry Jol).
- 2005: Freeland, J. Reconstructing the precontact Chippewa River Valley: landscape reconstruction using GIS and GLO township surveys (co-mentor with Robert Barth and Garry Running).
- 2005: Knabel, S. Integration of CAD and GIS: modeled changes in pervious/impervious surfaces and the effects on surface runoff at the University of Wisconsin-Eau Claire.
- 2005: Sternberg, C.G. Sawmill history on Half Moon Lake, Eau Claire, WI (co-mentor with Harry Jol).
- 2005: Krueger, S. A time series vegetation analysis of Tiffany Bottoms Wildlife Refuge (co-mentor with Evan Weiher).
- 2005: Wong, K-Y. Changing hydrography in the Tiffany Bottoms of west-central Wisconsin.

- 2004: Lange, A. Recent hydrographic change in the Tiffany Bottoms, Lower Chippewa River, Wisconsin (also presented at “Posters in the Rotunda”, a presentation of undergraduate collaborative research at the State Capitol in Madison).
- 2003: Siefert, R., and Thom, D. Assessing the hydrologic impacts of urbanization in the Otter Creek watershed (also presented at the Wisconsin Economic Summit IV in Milwaukee).
- 2002: Rutten, T. Tributary stream channel stability in the Buffalo River watershed, west-central Wisconsin (received a 1st place award in the natural sciences category).

INTERNAL GRANTS RECEIVED

- 2020: University of Wisconsin-Eau Claire Summer Research Experiences for Undergraduates – \$6,875 for “Autogenic response of the lower Chippewa River to Late Wisconsinan base-level fall: testing the model – Part 2.” Katie Grong and Hunter Delikowski, student research collaborators.
- 2019: University of Wisconsin-Eau Claire Summer Research Experiences for Undergraduates – \$6,830 for “Autogenic response of the lower Chippewa River to Late Wisconsinan base-level fall: testing the model.” Taylor Lindberg and Katie Grong, student research collaborators.
- 2017: University of Wisconsin-Eau Claire Student-Faculty Research Collaboration – \$2,100 for “Galena watershed bankfull width analysis.” Kenneth Braunling, Elliot Smith and Dakota Tollakson, student research collaborators.
- 2017: University of Wisconsin-Eau Claire Student-Faculty Research Collaboration – \$1500 for “Analyzing the growth rings of floodplain trees to reconstruct a chronology of past overbank floods on the lower Chippewa River.” Lindsey Kurtz, student research collaborator.
- 2016: University of Wisconsin-Eau Claire Summer Research Experiences for Undergraduates – \$7,200 for “Downstream fining patterns and anabranching: evidence of ongoing millennial-scale response of Chippewa River to Mississippi River Incision.” Allison Vincent and Kira Kuehl, student research collaborators.
- 2015: University of Wisconsin-Eau Claire Summer Research Experiences for Undergraduates – \$7,225 for “Spatial patterns of downstream fining on a gravel-bed river: a preliminary investigation of the lower Chippewa River.” Hannah Adams and Allison Vincent, student research collaborators.
- 2014: University of Wisconsin-Eau Claire Professional Development Workshops program - \$1,500 for “Luminescence dating short course at Utah State University.”
- 2014: University of Wisconsin-Eau Claire Summer Research Experiences for Undergraduates – \$4,910 for “Spatial patterns of incision along tributary streams to the Lower Chippewa River: possible evidence of episodic Chippewa River incision.” Zachary Hilgendorf, student research collaborator.
- 2013: University of Wisconsin-Eau Claire Summer Research Experiences for Undergraduates – \$7,400 for “The shrinking Lower Chippewa River: assessing the role of reed canary grass in declining active channel area.” Arik Arnevik and Jackson Becker, student research collaborators.
- 2012: University of Wisconsin-Eau Claire Summer Research Experiences for Undergraduates – \$6,900 for “Constructing a detailed long profile of the Lower Chippewa River: evidence for stream incision, aggradation, and vertical stability.” Samuel Krueger and Nathaniel Wick, student research collaborators.

- 2009: University of Wisconsin-Eau Claire Faculty-Student Research Collaboration – \$1,770 for “Streambank sediment as a factor affecting channel stability along the Lower Chippewa River.” Mark Ingham, student research collaborator.
- 2008: University of Wisconsin-Eau Claire Faculty-Student Research Collaboration – \$2,700 for “Ground truthing and coring sediment: Half Moon Lake, Eau Claire, Wisconsin.” Ross Guida, student research collaborator. Harry Jol, co-mentor.
- 2008: University of Wisconsin-Eau Claire Professional Development – \$3,000 for the Earth Science Seminar Series. Harry Jol, Brian Mahoney, and Garry Running, co-project directors.
- 2008: University of Wisconsin-Eau Claire Summer Research Experiences for Undergraduates – \$2,420 for “Strengthening external grant proposals: acquisition of additional chronostratigraphic control on landforms in the Lower Chippewa River Valley.” Danielle Swartz and Ben Young, student research collaborators. Garry Running and Harry Jol, co-mentors.
- 2007: University of Wisconsin-Eau Claire Faculty-Student Research Collaboration – \$2,660 for “An investigation of Late Quaternary fluvial landforms within the Lower Chippewa River Valley.” Phillip Larson and Adam Krieger, student research collaborators. Sean Hartnett, Harry Jol, and Garry Running, co-mentors.
- 2007: University of Wisconsin-Eau Claire Faculty-Student Research Collaboration – \$2,280 for “Mapping vegetation change on the Lower Chippewa River.” Bethany Nelson, student research collaborator. Christina Hupy, co-mentor.
- 2007: University of Wisconsin-Eau Claire Professional Development Grant – \$2,400 for the Earth Science Seminar Series. Harry Jol, Brian Mahoney, and Garry Running, co-project directors.
- 2007: University of Wisconsin-Eau Claire University Research and Creative Activity – \$3,000 for “Reconstructing historical channel change along the Lower Chippewa River.”
- 2007: University of Wisconsin-Eau Claire Summer Research Experiences for Undergraduates – \$5,920 for “Reconstructing historical channel change along the Lower Chippewa River.” Elizabeth Ellison and Amy Wichlacz, student research collaborators.
- 2007: University of Wisconsin-Eau Claire Summer Research Experiences for Undergraduates – \$4,695 for “Late-glacial and post-glacial geomorphic history of the Lower Chippewa River: a Confluence Center investigation.” Phillip Larson, Eugene Boyd, and Lindsay Olson, student research collaborators. Garry Running and Harry Jol, co-mentors.
- 2007: University of Wisconsin-Eau Claire Summer Research Experiences for Undergraduates – \$2,415 for “Creating a GIS database for pre-contact archaeological sites in the Red Cedar River Valley.” Jacob McDonald, student research collaborator. Robert Barth, co-mentor.
- 2006: University of Wisconsin-Eau Claire Professional Development – \$2,140 for the Earth Science Seminar Series. Harry Jol, Brian Mahoney, and Garry Running, co-project directors.
- 2006: University of Wisconsin-Eau Claire Summer Research Experiences for Undergraduates Grant – \$8,000 for “Late-glacial and post-glacial geomorphic history of the Lower Chippewa, Black, and Wisconsin River Valleys.” Rachel Kjos, Philip Larson, and David Speer, student research collaborators. Harry Jol and Garry Running, co-mentors.
- 2005: University of Wisconsin-Eau Claire Professional Development – \$2,040 for the Earth Science Seminar Series. Karen Havholm, Phil Ihinger, Harry Jol, and Garry Running, co-project directors.

- 2005: University of Wisconsin-Eau Claire Summer Research Experiences for Undergraduates – \$5,575 for “A GPR investigation of anthropogenic organic sedimentation in Half Moon Lake, Eau Claire, Wisconsin.” Craig Sternberg and Neil Trombly, student research collaborators. Harry Jol, co-mentor.
- 2004: University of Wisconsin-Eau Claire Faculty/Student Research Collaboration – \$2,450 for “Recreating the precontact Chippewa River Valley: landscape reconstruction using GIS and GLO township surveys.” Jennifer Freeland, student research collaborator. Robert Barth, co-mentor.
- 2003: University of Wisconsin-Eau Claire Summer Research Experiences for Undergraduates – \$6,640 for “Sedimentological evidence of Holocene environmental change in alluvial fans, Platte River Valley, southwest Nebraska.” Renee Rollman and Rebecca Thorn, student research collaborators. Garry Running, co-mentor.
- 2003: University of Wisconsin-Eau Claire Faculty/Student Research Collaboration – \$1,450 for “Assessing the hydrologic impacts of urbanization in the Otter Creek watershed.” Ruben Seifert and Daniel Thom, student research collaborators.
- 2001: University of Wisconsin-Eau Claire Faculty/Student Research Collaboration – \$1,700 for “The relationship of persisting high sediment yields to land use and forest cover change in the Buffalo River watershed: a GIS-based analysis,” 2001-02 academic year. Tobi Rutten, student research collaborator.
- 2001: University of Wisconsin-Eau Claire Summer Research Experiences for Undergraduates – \$4,700 for “Persisting sediment yields and the role of tributary streams in the Lower Buffalo River Watershed, Buffalo County, Wisconsin.” Tobi Rutten, student research collaborator.
- 2000: University of Wisconsin-Eau Claire Faculty/Student Research Collaboration – \$1,700 for “Generating a 3-D channel map of the Chippewa River vicinity of the UWEC Campus.” Sean Hartnett, co-mentor.
- 1999: University of Missouri Research Board – \$25,520 for “Particle size analyzer for environmental science.” Tina Niemi, PI.
- 1996: University of Missouri Research Board – \$39,700 for “Response of Great Plains watersheds to Holocene climate change.”
- 1996: University of Missouri-Kansas City Faculty Research Board – \$4,799 for “Alluvial fan sedimentation and Holocene climate change in the central Great Plains.”
- 1996: University of Missouri Institute for Instructional Development – \$47,215 for “A computer-based introductory environmental science lab.” Tina Niemi, PI.

EXTERNAL GRANTS RECEIVED

- 2013: Lower Chippewa River Natural Resources Fund – \$1,000 for “Assessing the role of reed canary grass on the Lower Chippewa River.”
- 2007: Lower Chippewa River Natural Resources Fund – \$52,945 for “Linking channel stability and fish habitat in the Lower Chippewa River.” David Lonzarich and Sean Hartnett, co-PIs.
- 2007: West-Central Wisconsin Regional Planning Commission -- \$7,500 for “Developing a monitoring plan for the assessment of hydrology, fluvial geomorphology and aquatic life of the Lower Chippewa River.” Sean Hartnett, PI; David Lonzarich, co-PI.

- 2006: Lake Management Planning Grant (City of Eau Claire and Wisconsin Department of Natural Resources) – \$12,850 for “Mapping Half Moon Lake: bathymetry, shoreline erosion, and thickness of organic sediment.” Harry Jol, co-PI.
- 2002: Wisconsin Department of Natural Resources – \$24,092 for “GIS-based study of hydrographic and vegetation changes in Tiffany Bottoms, Lower Chippewa River.” Evan Weiher, co-PI.
- 1992: Wisconsin Department of Natural Resources and the U.S. Environmental Protection Agency – \$47,738 to investigate “Erosion and sedimentation in the Lower Buffalo River Watershed, Wisconsin,” James Knox, PI.

EXTERNAL GRANT PROPOSALS SUBMITTED (unfunded)

- 2011: National Science Foundation – \$292,783 for “RUI: Late Quaternary chronology of the Lower Chippewa River in west-central Wisconsin: an example of complex response to Upper Mississippi River incision?” Harry Jol and Garry Running, co-PIs.
- 2009: National Science Foundation – \$131,411 for “MRI-R2: Acquisition of field and laboratory instruments to enhance student-faculty collaborative research in the Lower Chippewa River Valley, WI.” David Lonzarich, Garry Running, and Evan Weiher, co-project directors.
- 2008: National Science Foundation – \$263,536 for “RUI: Reconstructing the Late Quaternary geomorphic history of the Lower Chippewa River Valley.” Harry Jol and Garry Running, co-PIs.
- 2007: Petroleum Research Fund (Type B) – \$65,000 for “Changing sediment flux to the Mississippi Delta: valley incision and removal of stored outwash from the Lower Chippewa River Valley, west-central Wisconsin, during the Late Pleistocene/Early Holocene.” Harry Jol and Garry Running, co-PIs.

SERVICE

University:

- 2020 to present: chair, Department Personnel Committee, Department of Geography and Anthropology.
- 2019: member, Search Committee for the Executive Director of the Office of Research and Sponsored Programs.
- 2017 to 2020: member, Sabbatical and University Research and Creative Activity Grant Committee
- Fall 2017: Internal Review Committee, Department of Chemistry
- 2015 to present: member, University Bicycle and Pedestrian Committee.
- 2015: Co-organizer and leader of Eau Claire rivers bicycle tour, West Lakes AAG Annual Meeting.
- 2013 to present: member, Departmental Personnel Committee, Department of Geography and Anthropology.
- 2013: participant, pilot project for first-year only sections of intro GE courses.
- 2012 to 2014: member, University Liberal Education Committee.
- 2011 to 2014: participant, pilot project for integrative learning bundles.
- 2011 to 2012: participant, pilot project for global learning competencies and assessment.
- 2011 to 2012: member, ad hoc working group on Little Niagara restoration.

2011 to present: member, UWEC Dismantling Racism Change Team.

2009 to 2013: chair, Department of Geography and Anthropology

2010: participant, Anti-Racism Organizational Development and Assessment training workshop.

2010: organizer, 2nd annual “Tour de Chancellor” fund-raising bicycle ride for the UWEC Clean Commute Initiative.

2010: participant, Dismantling Racism workshop.

2010 to 2011: member, ad hoc committee for implementation of general education reform and assessment.

2010: participant, Dismantling Racism reading group.

2009: participant, Anti-Racism Organizational Development and Assessment workshop.

2009 to 2012: member, UWEC Dismantling Racism White Caucus

2009: participant, Dismantling Racism workshop.

2009: organizer, 1st annual “Tour de Chancellor” fund-raising bicycle ride for the UWEC Clean Commute Initiative.

2007 to 2009: member, Chancellor’s Climate Commitment Advisory Board.

2008 to 2012: co-director, Clean Commute Initiative task force.

2007 to 2012: member, Clean Commute Initiative task force.

2008 to 2009: member, University Academic Policies Committee.

2008 to 2009: department representative, University Senate.

2007: member, ad hoc committee on Academic/Teaching Apprentices.

2005 to 2008: member, University Compensation Committee.

2005 to 2007: chair, Department Personnel Committee, Department of Geography and Anthropology.

2004 to 2009: member, Departmental Personnel Committee, Department of Geography and Anthropology.

2003 to 2009: co-organizer (with Harry Jol, Phil Ihinger, Brian Mahoney, and Garry Running), UWEC Earth Science Seminar Series.

2002 to 2011: faculty advisor, Delta Tau Chapter of Gamma Theta Upsilon.

2002 to 2007: Faculty advisor, UWEC Geography Club.

2003 to 2004: member, Search and Screen Committee for the Dean of the College of Arts and Sciences.

2003 to 2004: chair, University Nominating Committee.

General Academic:

2021: manuscript reviewer, *Geomorphology* (2), *Journal of Geophysical Research - Earth Surface*

2019: manuscript reviewer, *Progress in Physical Geography*

2018: manuscript reviewer, *Geomorphology*, *Science Advances*, *GSA (Geological Society of America) Books*

2018: proposal reviewer, *National Science Foundation* (2)

2017: manuscript reviewer, *Geomorphology*

2017: proposal reviewer, *National Science Foundation*

- 2016: co-leader, post-conference field trip, annual meeting of the Loess and Pedostratigraphy Focus Group (International Union for Quaternary Research), Eau Claire, WI.
- 2015: manuscript reviewer, *The Wisconsin Geographer*.
- 2013: manuscript reviewer, *Geomorphology*
- 2012: manuscript reviewer, *Canadian Journal of Earth Sciences*.
- 2012: proposal reviewer, *National Science Foundation (2)*
- 2011: co-organizer and co-chair, Geological Society of America Annual Meeting special session.
- 2011: co-leader, post-conference field trip, annual meeting of the Geological Society of America, Minneapolis, MN.
- 2010: manuscript reviewer, *Treatise on Geomorphology*.
- 2010: proposal reviewer, *National Science Foundation*
- 2009: manuscript reviewer, *Geomorphology*.
- 2009: manuscript reviewer, *The Geographical Bulletin*.
- 2008: manuscript reviewer, *Geological Society of America Special Papers*.
- 2007: manuscript reviewer, *Annals of the Association of American Geographers*.
- 2006: manuscript reviewer, *Annals of the Association of American Geographers*.
- 2005: proposal reviewer, *National Science Foundation*
- 2004: manuscript reviewer, *Southeastern Geographer*.
- 2004: proposal reviewer, *National Science Foundation*
- 2003: manuscript reviewer, *Geographie Physique et Quaternaire*.
- 2003: manuscript reviewer, *Annals of the Association of American Geographers*.
- 2002: manuscript reviewer, report on sediment yield in the Little Missouri National Grassland. U.S. Forest Service.

Community:

- 2020 to present: chair, Sustainability Advisory Committee, City of Eau Claire, WI.
- 2019 to present: member of vestry (lay governing board), Christ Church Cathedral, Eau Claire, WI.
- 2015 to 2019: co-organizer and leader of Eau Claire rivers bicycle tour, “Celebrate the Chippewa” community event.
- 2014 to 2019: co-organizer, “Celebrate the Chippewa” community event.
- 2013: member, Sustainable Bag Committee, City of Eau Claire, WI.
- 2010: co-leader, “River Alliance Bike Tour,” Lower Chippewa River Alliance and River Alliance of Wisconsin.
- 2010: co-organizer and co-leader, “Lower Chippewa River Paddle and Pedal,” Lower Chippewa River Alliance.
- 2010 to 2013: member of vestry (lay governing board), Christ Church Cathedral, Eau Claire, WI.
- 2009 to 2015: co-leader, annual Fall field trip into Tiffany Bottoms, Lower Chippewa River Alliance.
- 2008 to present: board of directors, Lower Chippewa River Alliance.
- 2008 to present: volunteer, The Community Table, Eau Claire, WI.

- 2007 to present: member, Lower Chippewa River Alliance.
- 2007: co-leader of field trip into Tiffany Bottoms, Wisconsin Wetlands Association.
- 2003-2004: physical geography presentations to 1st through 5th grade classes at Meadowview Elementary School, Eau Claire, WI.
- 2003: stream water-quality monitoring workshop at Beaver Creek Preserve, Eau Claire County, WI.
- 2002: streamflow measurement presentation, DeLong Middle School Science Club, Eau Claire, WI.
- 2000 to 2002: ad hoc advisor on erosion and sedimentation in the lower Buffalo River watershed, Buffalo County Land Conservation Department.
- 2000 to present: member of choir, Christ Church Cathedral, Eau Claire, WI.

Public and Government Agency Lectures:

- October 2019: Natural and man-made dams – the effect they have on people, places, and the course of nature. Shift Cyclery and Coffee Bar, Eau Claire, WI.
- October 2018: A condensed physical history of the Chippewa River: the essential river. “Celebrate the Chippewa” community symposium.
- November 2013: A history of the Lower Chippewa River. Dunn County Historical Society Speaker Series, Menomonie, WI.
- March 2013: The plastic bag – an odyssey. “Trash Talk” lecture series, University of Wisconsin-Eau Claire Residential Life.
- October 2012: The history of the Lower Chippewa River. “Ask a Scientist” Lecture Series, Eau Claire, WI.
- February 2011: From glaciers to dams: a history of the Lower Chippewa River. “Community Conversations” series, Art & Design Center, Pepin, WI.
- October 2010: From glaciers to dams: a history of the Lower Chippewa River. “Chippewa Valley Learning in Retirement” series, L.E. Phillips Senior Center, Eau Claire, WI.
- April 2010: From glaciers to dams: a history of the Lower Chippewa River. UW-Eau Claire Alumni Association “Let’s Do Lunch” series, Eau Claire, WI.
- February 2010: From glaciers to dams: a geomorphic history of the Lower Chippewa River. Faculty Forum, Office of Research and Sponsored Programs, UW-Eau Claire.
- May 2009: The Lower Chippewa River: from the last Ice Age to the present. “Chippewa Valley Learning in Retirement” series, L.E. Phillips Senior Center, Eau Claire, WI.
- October 2008: History of the physical geography of the Lower Chippewa River from the last Ice Age to the present. Pepin County Historical Society, Durand, WI.
- January 2008: Reconstructing historical change of the Lower Chippewa River. UW-Eau Claire Alumni Association “Let’s Do Lunch” series, Eau Claire, WI.
- February 2006: Hydrographic and vegetation change in the Tiffany Bottoms area of the Lower Chippewa River. Intergovernmental Task Force for the Recovery of the Eastern Massasauga, Necedah National Wildlife Refuge, WI. E.R. Weiher, co-presenter.
- July 2005: Persisting high sediment yields from Driftless Area watersheds. Upper Iowa River Watershed Alliance, Decorah, IA.

- June 2004: Persisting high sediment yields from Driftless Area watersheds. Basin Alliance for the Lower Mississippi in Minnesota (BALMM), Rochester, MN.
- April 2002: Dams and the environment. Earthweek, University of Wisconsin-Eau Claire.
- April 2001: Recent evolution of tributary streams in the Lower Buffalo River Watershed. Geography Club, Department of Geography, University of Wisconsin-Eau Claire.

PROFESSIONAL DEVELOPMENT

- September 2019: pre-conference field trip, annual meeting of the Geological Society of America: “The Co-Evolution of Verde Valley and the Verde River, Central Arizona.”
- August 2019: workshop/discussion on the creation and use of integrative assignments for first-year experience courses, Center for Excellence in Teaching and Learning, UWEC.
- August 2019: workshop/discussion on “resiliency curriculum” with Dr. Jennifer Muehlenkamp, Center for Excellence in Teaching and Learning, UWEC.
- June 2019: Annual Workshop on Science for Trout Stream Restoration at the University of Wisconsin-Stevens Point
- June 2015: New World Luminescence Dating Workshop at Kansas State University.
- August 2015: workshop on “connected advising,” Center for Excellence in Teaching and Learning, UWEC.
- June 2014: short course on luminescence dating at Utah State University.
- October 2013: pre-conference field trip, annual meeting of the Geological Society of America: “Communicating Environmental Hazards, Impacts, and Mitigation from Floods in the Waldo Canyon Fire near Colorado Springs, Colorado.”
- Summer 2011: workshop on global learning competencies and assessment, Academic Affairs, UWEC.
- Summer 2011: workshop on assessment of integrative learning bundles, Academic Affairs, UWEC.
- August 2011: workshop on “Teaching That Promotes Learning,” Center for Excellence in Teaching and Learning, UWEC.
- June 2011: workshop on hybrid course design, Center for Excellence in Teaching and Learning, UWEC.
- Fall 2009: workshop on embedded assessment, Center for Excellence in Teaching and Learning, UWEC.
- August 2007 to August 2012: academic retreats, UWEC College of Arts and Science.
- July 2007: Proposal Writing Institute, University of Nebraska-Kearney, Council on Undergraduate Research.
- Spring 2007: reading/discussion group – *Earth in Mind*, by David Orr.
- April 2007: pre-conference field trip, annual meeting of the Association of American Geographers: “Tracking Hydraulic Mining Sediment in the Sierra Foothills and Sacramento Valley.”
- March 2007: Council on Undergraduate Research Dialogues 2007, Hilton Mark Center, Alexandria, VA.
- June 2006: Friends of the Pleistocene (Midwest Cell) annual field conference, Bismarck, ND.
- May 2005: post-conference field trip, annual meeting of the North-Central Section, Geological Society of America: “Pre-Wisconsinan and Wisconsinan glacial stratigraphy, history, and landscape evolution, western Wisconsin.”

June 2004: textbook writing retreat, McGraw-Hill, Inc, Dubuque, IA.
September to November 2003: Science Education Discussion Group, UWEC.
February 2003: Council on Undergraduate Research Dialogues 2003 – “The Art of Grantsmanship,” George Mason University, Fairfax, VA.
September 2002: McGraw-Hill Physical Geography Symposium, Vancouver, British Columbia.
August 2002: “Engaging Students in Active Classroom Learning,” NET workshop, UWEC.
August 2002: “Using Small Groups Effectively in the Classroom,” NET workshop, UWEC.
August 2002: “Using Dreamweaver to Build Course Web Pages,” TLTDC workshop, UWEC.
June 2002: Friends of the Pleistocene (Midwest Cell) annual field conference, Grand Marais, MI.
November 2001: “Gold Nuggets for Good Teaching” workshop, College of Arts and Sciences, UWEC.
October 2001: “Working with Real Advisees” workshop, College of Arts and Sciences, UWEC.
September 2001: seminar and tour of conservation buffer practices in Eau Claire County, U.S. Natural Resources Conservation Service.
August 2001: “Up and Running with Blackboard” workshop, CITI/MDC, UWEC.
August 2001: Seventh International Conference on Fluvial Sedimentology, Lincoln, NE.
June 2001: Friends of the Pleistocene (Midwest Cell) annual field conference, Thunder Bay, Ontario.
April 2001: “Orientation to Advising” workshop, College of Arts and Sciences, UWEC.
December 2000: syllabus construction workshop, College of Arts and Sciences, UWEC.
June 2000: Friends of the Pleistocene (Midwest Cell) annual field conference, Hiawatha, KS.

PROFESSIONAL MEMBERSHIP

Association of American Geographers
American Water Resources Association
Geological Society of America
Sigma Xi