

Northland College Faculty List (with Department Affiliation)

Faculty engaged in sustainability research who have published during the past three years are labeled with an “S” before their name. Faculty who have **NOT** published sustainability research within the past three years are shown in red.

Six Academic Departments of the College:

- Education
- Environmental Science
- Humanities
- Natural Resources
- Nature and Culture
- Social Responsibility

1. (S) Elizabeth Andre (Nature and Culture)

a. Recent Publications:

- i. Andre, E. and Schwartz, F. (in progress). Environmental benefits of outdoor recreation, *Journal of Outdoor Recreation, Education, and Leadership*.
- ii. Andre, E. (in progress). Years of Living Dangerously: A review of Showtime’s Climate Change program and curriculum, *Journal of Sustainability Education*.

b. Recent Presentations:

- i. Andre, E. (2013). Moving beyond Leave No Trace: From local etiquette to global ethic, Proceedings of the 2012 Conference of the Association of Outdoor Recreation and Education.
- ii. Andre, E. (2012). Designing outdoor experiences that foster environmental sensitivity, Proceedings of the 2011 Conference of the Association of Outdoor Recreation and Education.

2. (S) Paula Anich (Humanities)

a. Recent Publications:

- i. **Anich, P. S.** 2017. Northern Highlands–American Legion State Forest Small Mammal Inventory: Final Report [technical report]
- ii. Menebroeker, R. *, **P. S. Anich**, D. H. Ogle, and N. M. Anich. 2016. Recent declines in Gray Jay trends on Christmas Bird Counts in northern Wisconsin. *The Passenger Pigeon* 17: 161– 170.
- iii. **Anich, P. S.** 2015. Brule River State Forest Small Mammal Inventory: Final Report [technical report]
- iv. Hadly, E. A., **P. A. Spaeth**, and C. Li. 2009. Niche conservatism above the species level. *Proceedings of the National Academy of Sciences* 106: 19707 – 19714.

b. Recent Presentations:

- i. Menebroeker, R. C. *, **P. S. Anich**, D. H. Ogle, and N. M. Anich. 2015. Recent declines in gray jays on Christmas Bird Counts in northern Wisconsin. 2015 Joint Annual Meeting: Minnesota & Wisconsin State Chapters of The Wildlife Society. February 17 – 19, 2015. Duluth, MN.

3. (S) Sharon Anthony (Environmental Sciences, Natural Resources)
 - a. Recent Publications:
 - i. Granger, C, Anthony, S, and Kilger, N. (2014) Environmental Effects of the Proposed Class I Redesignation, *Redesignation Report for the Bad River Band of the Lake Superior Tribe of the Chippewa Indians*. To be submitted to the USEPA under the prevention of significant deterioration provisions of the Clean Air Act. Manuscript in preparation.
 - b. Recent Presentations:
 - i. Lien S., Anthony, S., and Kilger, N. "Particulate Pollution on the Bad River Reservation", American Meteorological Society Meeting, January 2014. Student presentation.
 - ii. "How can we use sustainability as a context for teaching our disciplines?" at the Midwest Regional Collaborative for Sustainability meeting, June, 2009.
 - iii. "Should We Eat Fish from the Great Lakes?: A General Chemistry Debate", SENCER regional meeting on issues surrounding the Great Lakes, March, 2009

4. (S) Cynthia Belmont (Humanities)
 - a. Recent Publications:
 - i. "Ecosexuals in Appalachia: Counter-discourse and Identity in *Goodbye Gauley Mountain*." Under review at *Interdisciplinary Studies in Literature and Environment*.
 - ii. "Ecofeminism." Invited entry, forthcoming in *The Encyclopedia of Social Theory*. Wiley Blackwell.
 - iii. "Claiming Queer Space in/as Nature: An Ecofeminist Reading of *Secretary*." *ISLE: Interdisciplinary Studies in Literature and Environment* 19 (2012): 317-335.
 - iv. "Ecofeminism and the Natural Disaster Heroine." *Women's Studies* 36.5 (2007): 349-372.
 - b. Recent Presentations:
 - i. "Ecosexuals in Appalachia: Counter-discourse and Identity in *Goodbye Gauley Mountain*," Association for the Study of Literature and Environment Eleventh Biennial Conference, "Notes from Underground: The Depths of Environmental Arts, Culture and Justice," Moscow, ID, June 2015
 - ii. "'Natural' Sex as Environmental Activism? An Ecofeminist Analysis of *Fuck For Forest*," 38th Wisconsin and Midwest Women's Studies and 9th LGBTQ Conference, "Gendered Planet: Ethics, Ecology, and Equity," River Falls, WI, October 2014

5. (S) Kyle Bladow (Humanities, Nature and Culture)
 - a. Recent Publications:
 - i. "The Hungry Text: Toward a Sustainable Literary Food Pedagogy." (co-written with Tom Hertweck). *Teaching Sustainability/Teaching Sustainably*. Ed. Kirsten Allen Bartels and Kelly A. Parker. Sterling, VA: Stylus, 2011. 67-75.
 - ii. "Ecocriticism and Indigenous Studies: Conversations from Earth to Cosmos." Book Review. *Resilience: A Journal of the Environmental Humanities*. Forthcoming.

iii. "Material Ecocriticism." Book review. *ISLE: Interdisciplinary Studies in Literature and Environment* 22.4 (December 2015): 916-18.

iv. "Queer Ecology." *America Goes Green: An Encyclopedia of Eco-Friendly Culture in the United States*. Ed. Kimberly A. Kennedy White. Santa Barbara: ABC-CLIO, 2012. 467-69.

b. Recent Presentations:

i. "Resisting and Reimagining Nature Poetry" at the Native American Literary Symposium, April 4-7, 2018. Kyle's paper is the first stage of a new project on Indigenous ecopoetics, which he is developing for the Native American and Indigenous Studies Association Conference later this year, and later as an academic publication.

6. (S) Alan Brew (Humanities, Nature and Culture)

a. Recent Publications:

i. "Where Passions Intertwine: Teaching, Literature, and the Outdoors." In *Teaching in the Field: Working with Students in the Outdoor Classroom*. Ed. Hal Crimmel. Salt Lake City: The University of Utah Press, 2003. 63-76.

ii. Review of *Coming Out of the Woods: The Solitary Life of a Maverick Naturalist*. By Wallace Kaufman. (Cambridge: Perseus, 2000.) *ISLE: Interdisciplinary Studies in Literature and Environment* 9.1 (Winter 2002): 249-50.

b. Recent Presentations:

i. "The Connections Program: Ways of Knowing & Sustainability in a General Education Curriculum." AASHE 2013 Conference in Nashville, Tennessee. October 2013.

7. (S) Evan Coulson (Nature and Culture)

a. Recent Publications:

i. **Coulson, E.R.**, Park, L.O., Lawhon, B., Taff, D., Vagias, W., Newman, P. (in progress). Leave No Trace's Planned Behaviors: Attitudes vs. Behavioral Intentions of a National Forest's Frontcountry Visitors. Targeted Journal: *Journal of Applied Environmental Education Communication*.

b. Recent Presentations:

i. Coulson, E. & Park, L. (2016). Specialization, origin and place: Rock climbers' awareness of impacts. Research presentation accepted at the 38th Annual Southeastern Recreation Research Conference, Asheville, NC.

ii. Kim, J. & Coulson, E. (2015). The effect of outdoor vs. indoor setting on restorative experience. Poster accepted for presentation at The Environmental Design Research Association Conference, Los Angeles, CA.

8. Rick Dowd (Environmental Sciences)

a. Recent Publications: N/A

b. Recent Presentations: N/A

10. (S) Timothy Doyle (Humanities, Nature and Culture)

- a. Recent Publications: N/A
- b. Recent Presentations:
 - i. 'Science, Truth, and Democracy: On Empirical Truth in a Post-Truth Age', at the Society for Descriptive Psychology Annual Meeting, Golden, Colorado, October 2017
 - ii. 'When in Doubt, Get Descriptive: Understanding Science Denialism', at the Society for Descriptive Annual Meeting, Golden, Colorado, October 2016
 - iii. 'Seeing the Forest for the Trees: A Descriptive Approach to Understanding Models of Environmental Aesthetic Appreciation', at the Society for Descriptive Psychology Annual Meeting, Golden Colorado, October 2014
 - iv. 'Narrative Reconstruction in Environmental Ethics', at The Society for Descriptive Psychology Annual Meeting, Golden, Colorado, October 2013

11. (S) Jessica Eckhardt (Social Responsibility)

- a. Recent Publications:
 - i. Eckhardt, Jessica. 2015. "Environmental Inequality in "Fracking" Communities: Are there Socioeconomic and Racial Disparities in Unconventional Gas Drilling Communities." *Frontiers in Ecology and the Environment*.
- b. Recent Presentations:
 - i. Presentation Title: "The Sociology of Obesogens: Associations between Air pollution Exposure and Obesity Prevalences across U.S. Metropolitan Statistical Areas"; Midwest Sociological Association Annual Conference, March 22-25, 2018.
 - ii. Eckhardt, Jessica. (2015) "Obesogenic Exposure in Utah: Airborne Endocrine Disrupting Chemical Exposure Effects on Prepregnancy Weight and Gestational Weight Gain." Roundtable. American Sociological Association Conference: Chicago, Illinois.
 - iii. Eckhardt, Jessica. (2013) Environmental Inequality in "Fracking" Communities: Are there Socioeconomic and Racial Disparities in Unconventional Gas Drilling Communities? Paper. Sociology of Development Conference. Salt Lake City, Utah.

12. (S) Tom Fitz (Environmental Sciences)

- a. Recent Publications:
 - i. Fitz, T., and Fish, M., 2015, Elongate Mineral Particles in the Penokee Range of Wisconsin; [abs.]; Elongate Mineral Particles in the Upper Midwest: Implications for Mining and Health; conference at Midcontinent EPA Lab.
 - ii. Fitz, T., 2012, Controversial Mineral Legislation in Wisconsin; *Earth Magazine*, June, 2012.
- b. Recent Presentations:
 - i. Elongate Mineral Particles in the Penokee Hills of Wisconsin; Upper Midwest Asbestos-like Mineral Particles: Implications for Mining and Health ("Cook Conference") sponsored by the USEPA and NEIHS), Duluth, MN, October 7, 2015.

- c. Other:
 - i. Student research projects:
 1. Naturally occurring asbestos in the Penokee Hills of Wisconsin
 2. Mineralogy of the Marquette Range Supergroup and Possible Environmental and Human Health Hazards Associated with Highway Construction

13. Daniel Frank (Nature and Culture)

- a. Recent Publications: N/A
- b. Recent Presentations: N/A

14. (S) Rutherford Goldstein (Social Responsibility)

- a. Recent Publications:
 - i. Goldstein, R. (submitted). Language in the Wild: Exposure to natural settings influences spoken language recognition.
- b. Recent Presentations: N/A

15. (S) Wendy Gorman (Environmental Sciences)

- a. Recent Publications:
 - i. Gorman, Wendy. May 31, 2013. Chequamegon Bay Area Partnership Beach Sanitary Surveys Project. Final technical report, Great Lakes Restoration Initiative (Grant # EPA-R5-GL2010-1).
- b. Recent Presentations:
 - i. 2011. Effectiveness of Urban Retention Ponds in Lowering Fecal Bacterial Levels in Storm Water Outfalls into Lake Superior. Great Lakes Beach Association Meeting, Michigan City, IN. Poster presented by Timothy Raikes*, Alyssa Core**, Wendy Gorman.
- c. Other:
 - i. Dr. Gorman's research interests initially focused on microbiology of bacteria and bacteriophages in the Lake Superior watershed. Most recently, she is directing her introductory biology students in a microbial monitoring survey of campus stormwater outfalls draining into Bay City Creek as part of Northland's Zero Stormwater Discharge Initiative, in collaboration with Matt Hudson and Chris McNerney of the Burke Center.

16. Andrew Goyke (Environmental Sciences, Natural Resources)

- a. Recent Publications: N/A
- b. Recent Presentations: N/A

17. (S) Scott Grinnell (Environmental Sciences, Social Responsibility)

- a. Recent Publications:
 - i. Renewable Energy and Sustainable Design (Textbook), Cengage Learning, 2016.
- b. Recent Presentations:

19. (S) Erica Hannickel (Humanities, Nature and Culture)

- a. Recent Publications: N/A
- b. Recent Presentations:
 - i. "Botanical Subversions: 19th Century Botany and Horticulture as Resistance, Recovery, and Transformation"; Association for Study of Literature and the Environment Annual Meeting; June 20-24, 2017
 - ii. "Species and judgements: Asa Gray and the Failure of Flora of North America "; Association for Study of Literature and the Environment Annual Meeting; June 20-24, 2017.
- c. Current Research: Biography of George Engelmann (1809-1884). Engelmann was a taxonomist for much of the flora of western North America, a story that details various ways in which he and others were attempting to map out a sustainable future. In addition Dr. Hannickel is exploring the 19th century roots of science denialism in the US through this biographical research.

20. (S) Brandon Hofstedt (Social Responsibility)

- a. Recent Publications:
 - i. Hofstedt, Brandon. 2017. "Stakeholder Willingness to Engage in the Protection of Northern Wisconsin Lakes." Manuscript in progress.
 - ii. Hofstedt, Brandon and Ana Tochterman. 2017. "Public Opinion Poll: Local Foods – Northern Wisconsin Local Foods Public Opinion Poll Fact Sheet." Ashland, Wisconsin: Northland College Center for Rural Communities
 - iii. Hofstedt, Brandon, Matt O'Laughlin, Ana Tochterman, and Kaylee Thornley. 2016. "Maslowski Beach Water Quality Education Project Report." Ashland, Wisconsin: Northland College Center for Rural Communities.
 - iv. Hofstedt, Brandon and Ana Tochterman. 2016. "Public Opinion Poll: Drinking Water in Northern Wisconsin." Ashland, Wisconsin: Northland College Center for Rural Communities
 - v. Hofstedt, Brandon and Ana Tochterman. 2016. "Public Opinion Poll: Proposed CAFO in Bayfield County." Ashland, Wisconsin: Northland College Center for Rural Communities
- b. Recent Presentations:
 - i. Hofstedt, Brandon. March 2015. "Understanding Assets and Amenities for Sustainable Community Development." Presenter at Midwest Sociological Society. Kansas City, Missouri.
 - ii. Hofstedt, Brandon. April 2014. "Conducting Sociological Research for Sustainable Community Development." Presented at the annual meeting of the Midwest Sociological Society. Omaha, Nebraska.
- c. Other:
 - i. Director of the Center for Rural Communities

21. Alissa Hulstrand (Environmental Sciences)

- a. Recent Publications: N/A
- b. Recent Presentations: N/A

22. Andrew Jensen (Environmental Sciences)

- a. Recent Publications: N/A
- b. Recent Presentations: N/A
- c. Other: N/A

23. (S) Sarah Johnson (Environmental Sciences, Natural Resources)

- a. Recent Publications:
 - i. Johnson, S.E., K.L. Amatangelo, P.A. Townsend, and D.M. Waller. 2016. Large, connected floodplain forests prone to flooding best sustain plant diversity. *Ecology* 97: 3019-3030.
 - ii. Johnson, S.E., E.M. Mudrak, and D.M. Waller. 2014. Local increases in diversity accompany community homogenization in floodplain forest understories. *Journal of Vegetation Science* 25: 885-896.
 - iii. Johnson, S.E., M. Sinclair*, E. Leonard*, F. Rosenbower*. Development of strategies for monitoring and managing sandscape vegetation in the Apostle Islands National Lakeshore and assessment of declining vegetation. National Resource Report NPS/XXXX/NRR-2015/XXX. National Park Service, Fort Collins, Colorado. 136 pp. + 3 Appendices. In Review.
 - iv. Johnson, S.E., J. S. Mead*, M. J. Widen* and E. E. Leonard*. The challenging past and precarious future of Canada Yew (*Taxus canadensis*) in the Apostle Islands National Lakeshore. Natural Resource Report NPS/XXXX/NRR—2015/XXX. National Park Service, Fort Collins, Colorado. 65 pp. In final revision.
 - v. Johnson, S.E., J.S. Mead*. 2013. Dieback in *Juniperus communis* as a possible indicator of climate change impacts to Lake Superior sandscapes. National Park Service, Apostle Islands National Lakeshore. 42 pp.
- b. Recent Presentations:
 - i. Wisconsin Initiative on Climate Change Impacts (WICCI) Adaptation Workshop: Preparing Wisconsin's Plant Communities for an Uncertain Future. 2016. Telling the story: Assessments of management objectives through monitoring. Madison, WI.

24. Young Kim (Environmental Sciences)

- a. Recent Publications: N/A
- b. Recent Presentations: N/A

25. (S) Randy Lehr (Natural Resources)

- a. Recent Publications:
 - i. Lehr, Randy A., John P. Sumpter, Gerald T. Ankley and Deborah L. Swackhamer. "Use of Estrogen Equivalents to Explain Vitellogenin Protein Induction in Male Fathead Minnows (*Pimephales promelas*) Exposed to a Complex Wastewater Effluent." (Pending submission to *Journal of Ecotoxicology and Environmental Safety*)
- b. Recent Presentations:

- i. Lehr, R.A., “The Chequamegon Bay and Apostle Islands—A Model System for Understanding Nearshore Ecosystems and Climate Change Impacts”, Great Lakes Committee of County Conservationists, Northland College, June 2015
- ii. Lehr, R.A., “Monitoring and Assessment in the Chequamegon Bay Area”. United States Environmental Protection Agency, Lake Superior Coordinated Monitoring Meeting, Michigan Technological University, March 2015
- c. Other
 - i. Director, Mary Griggs Burke Center for Freshwater Innovation

26. (S) Emily Macgillivray (Nature and Culture)

- a. Recent Publications:
 - i. “Enslaved Neighbors: Gendered and Racialized Hierarchies in Eighteenth Century Montreal and Canadian History” (accepted with revisions by *Frontiers: Journal of Women’s Studies* in July 2017)
- b. Recent Presentations:
 - i. “Sites of Possibility, Sites of Violence: Gender, Enslavement, and Settler Colonialism in the Great Lakes, 1775 to 1820,” at the Annual Meeting for the Society of Historians of the Early American Republic, New Haven, CT (July 2016)

27. (S) Jonathan Martin (Environmental Sciences, Natural Resources)

- a. Recent Publications:
 - i. Thomas CK, Martin JG, Law BE, Davis K, 2013. Toward biologically meaningful net carbon exchange estimates for tall, dense canopies: multi-level eddy covariance observations and canopy coupling regimes in a mature Douglas-fir forest in Oregon. *Agric. For. Meteorol.* 173, 14–27. DOI:10.1016/j.agrformet.2013.01.001
 - ii. Martin JG, Phillips CL, Schmidt A, Irvine J, and Law BE. 2012. High frequency analysis of the complex linkage between soil CO₂ fluxes, photosynthesis, and environmental variables, *Tree Physiology*, 32(1): 49-64, doi: 10.1093/treephys/tpr134.
- b. Recent Presentations:
- c. Other Research Interests:
 - i. Feedbacks between climate change, terrestrial carbon sequestration, wildland fire, and ecosystem stability.
 - ii. Measuring and modeling above and belowground carbon fluxes and storage across space and time.
 - iii. Linking above and belowground carbon cycling processes to climate, landscape and land use patterns.
 - iv. Impacts of biofuel production on ecosystem processes in forest and grassland ecosystems.
 - v. Old growth canopy dynamics in the upper Midwest

28. Annette Nelson (Education)

- a. Recent Publications: N/A
- b. Recent Presentations: N/A

29. (S) Derek Ogle (Environmental Sciences, Natural Resources)

a. Recent Publications:

- i. Ogle, D.H. 2015. Introductory Fisheries Analyses with R. Chapman & Hall/CRC.
- ii. Belnap, M.J., D.A. Isermann, B.L. Sloss, **D.H. Ogle**, J.A. VanDeHey, and S.P. Hansen. In prep. Stock characteristics of Lake Whitefish in Lake Michigan. To be submitted to the North American Journal of Fisheries Management.
- iii. Lepak, T.A., **D.H. Ogle**, and M.R. Vinson. 2017. Age, year-class strength variability, and partial age validation of Kiyis from Lake Superior. North American Journal of Fisheries Management. 37:1151-1160.
- iv. Ogle, D.H. 2013. Inch Lake Fish Community Study 2007-2013. Progress Report submitted to the Wisconsin DNR.
- v. Ogle, D.H. 2011. Simulations to aid understanding mark-recapture assumptions. American Fisheries Society Education Section Newsletter 32(1):4-5.

30. (S) Erik Oslon (Natural Resources)

a. Recent Publications:

- i. Olson, E.R., Van Deelen, T., and Ventura, S.J. In prep. Merging camera traps and classical behavioral observation to describe the anti-predator behaviors of white-tailed deer in a multi-predator system.
- ii. Olson, E.R., Van Deelen, T., Wydeven, A.P., Ventura, S.J., and D.M. MacFarland. 2015. Characterizing wolf-human conflicts in Wisconsin, USA. Wildlife Society Bulletin. 39:676-688.
- iii. Olson, E.R., Stenglein, J.L, Shelley, V., Rissman, A.R., Browne-Nuñez, C., Voyles, Z., Wydeven, A.P., and T. Van Deelen. 2015. Pendulum swings in wolf management led to conflict, illegal kills, and a legislated wolf hunt. Conservation Letters. 8:351-360.
- iv. Olson, E.R., Treves, A., Wydeven, A.P., and S.J. Ventura. 2014. Landscape predictors of wolf attacks on bear-hunting dogs. Wildlife Research. 41:584-597.

b. Recent Presentations:

- i. Olson, E.R. and A.P. Wydeven. 2017. Opinions of the Wisconsin Chapter of the Wildlife Society regarding the Wisconsin Department of Natural Resources wolf population management goals. Midwest Wolf Stewards Conference. Houghton, MI.
- ii. Olson, E.R., Crimmins, S., Van Deelen, T.R., Van Stappen, J., and K. Pemble. 2016. Dynamics of sympatric carnivores on a Great Lakes island archipelago. North American Congress for Conservation Biology. Madison, WI.

31. Travis Proctor (Humanities)

- a. Recent Publications: N/A
- b. Recent Presentations: N/A

32. (S) Nicholas Robertson (Environmental Sciences)

a. Research Interests:

- i. Application of new transition metal catalysts to polymer synthesis and controllable depolymerization
- ii. Development of new systems for controlled release of herbicides for control of aquatic invasive plant species
- iii. Development of novel alkaline anion exchange membranes for fuel cell applications

33. Kevin Schanning (Social Responsibility)

- a. Recent Publications: N/A
- b. Recent Presentations: N/A

34. Paul Schue (Humanities)

- a. Recent Publications: N/A
- b. Recent Presentations: N/A

35. (S) Ryan Shadbolt (Environmental Science)

- a. Research Interests
 - i. Summarizing warming trends from southern Appalachian sky islands
 - ii. Improving our understanding of climate change in the mountainous environments
 - iii. Recent temperature trends from high-elevation sites in the southern Appalachians
- b. Recent Publications:
 - i. Shadbolt RP, Ellis AW (in preparation) Differential temperature trends across elevation within the “warming hole” of the southeast United States.
- c. Recent Presentations:
 - i. Shadbolt RP (2017) Temperature variable trends for high elevations of the southern Appalachians 1951-2015. 29th Conference on Climate Variability and Change. American Meteorological Society.
- d. Other:

36. Peter Skoro (Humanities)

- a. Recent Publications: N/A
- b. Recent Presentations: N/A

37. Michelle Small (Humanities)

- a. Recent Publications: N/A
- b. Recent Presentations: N/A

38. (S) Angela Stroud (Social Responsibility)

- a. Recent Publications: N/A
- b. Recent Presentations:

- i. “Bugging Out: Masculinity and the Mainstreaming of Disaster Preparedness in *Offgrid*”, with Cynthia Belmont. *Association for the Study of Literature and the Environment*. Detroit, MI.
- ii. “Could Good Guys with Guns Prevent Homicides?” with Megan McBride. *Midwestern Sociological Society Meetings*. Milwaukee, WI.
- iii. “Guns in a Civil Society,” by the Alliance for Gun Responsibility, Seattle, Washington

39. Jason Terry (Humanities)

- a. Recent Publications: N/A
- b. Recent Presentations: N/A

40. (S) Brian Tochterman (Social Responsibility)

- a. Recent Publications:
 - i. Published Monograph: *The Dying City: Postwar New York and the Ideology of Fear*
- b. Recent Presentations:
 - i. Conference Paper at the Urban Affairs Association conference April 2018: “The Outsiders: The Limits of Growth Strategies in Small Cities in Rural Regions”
 - ii. Conference Paper at the Association of Collegiate Schools of Planning conference in Nov. 2016: “Community Planning in a Rural Context and the Challenge for Undergraduate Education” (co-written with a then-student, Megan McBride).

41. (S) David Ullman (Environmental Sciences)

- a. Recent Publications:
 - i. Ullman, D.J., Schmittner, A., and Urban, N., in prep., A new method of estimating climate sensitivity using temperature reconstructions from the Last Glacial Maximum.
 - ii. Ullman, D.J., Carlson, A.E., Hostetler, S.W., Clark, P.U., Cuzzone, J., Milne, G.A., Winsor, K., Caffee, M., 2016, Final Laurentide ice-sheet deglaciation and Holocene climate-sea level change: *Quaternary Science Reviews*, v. 152, p. 49-59, doi:10.1016/j.quascirev.2016.09.014.
 - iii. Ullman, D.J., Carlson, A.E., Anslow, F.S., LeGrande, A.N., and Licciardi, J.M., 2015, Laurentide ice-sheet instability during the last deglaciation: *Nature Geoscience*, v. 8, p. 534-537, doi:10.1038/ngeo2463.
- b. Recent Presentations:
 - i. Ullman, D.J., Schmittner, A., 2015, A new method of estimating climate sensitivity using temperature reconstructions from the Last Glacial Maximum, XIX International Quaternary Association (INQUA) Congress, Nagoya, Japan.

42. (S) Kevin Zak (Education)

- a. Recent Publications:
- b. Recent Presentations:

- i. "How much is enough? Pre-service Teacher Preparation for Environmental Education", focused on how to prepare pre-service teachers to teach environmental education in their classrooms; North American Association for Environmental Education Annual International Conference, Oct. 19-22, 2016.
- ii. Factor, M. & Zak, K. (2015). Student teaching in the woods: Does it work? *Presentation at the North American Association for Environmental Education Forty Forth Annual Conference in San Diego, CA.*

43. Timothy Ziegenhagen (Humanities)

- a. Recent Publications: N/A
- b. Recent Presentations: N/A

TOTAL Full-time Faculty: 41

TOTAL Faculty currently active in Sustainability Research: 27

TOTAL Faculty NOT currently active in Sustainability Research: 14