

Dr. Kevin E. McCluney
Curriculum Vitae

Associate Professor
Department of Biological Sciences & Center for
Great Lakes and Watershed Studies
Bowling Green State University

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EDUCATION

- **PhD, Biology**, May 2010, **Arizona State University** (ASU). Dissertation: Impacts of altered water resources on terrestrial animal communities using stable water isotopes and a *water web* approach. Advisor: John L. Sabo. Committee: Jim Elser, Julie Stromberg, Stan Faeth, Blair Wolf.
- **BS, Biological Science, with Honors, Summa Cum Laude**, May 2003, **Florida State University** (FSU). Honors Thesis: The relationship between ground cover vegetation change and fire history in the longleaf pine/wiregrass ecosystem. Advisor: Fran James

POSITIONS/AFFILIATIONS

- Bowling Green State University, Department of Biological Sciences (January '14 – Present)
 - **Associate Professor**, May '20 – Present
 - **Interim Codirector, Center for Great Lakes and Watershed Studies**, August '23-December '24
 - Assistant Professor, January '14 – May '20
 - Full Member, Center for Great Lakes and Watershed Studies
 - Honors College Affiliated Faculty
 - Host of the BGSU Science Café
- **“Adapting to City Life” Research Theme Member**, Arizona State University, Central Arizona Phoenix Long-term Ecological Research programs (Spring 2015-Present)
 - Ground-dwelling arthropod data set lead
- **Post-doctoral Research Associate**, *North Carolina State University, Department of Entomology*, Advisor: Steve Frank (February '13 – December '13),
 - Examination of how water stress and availability influences urban arthropod communities.
- **Post-doctoral Research Associate**, *Arizona State University, School of Life Sciences*, Advisor: John Sabo (April '11 – February '13)
 - Lab and field based tests of mathematical models of hydro-foraging ecology and implications for desert riparian forest communities and water webs. Funded by an NSF proposal I helped to write.

- **Affiliate Scientist and Postdoctoral Researcher, USGS Contractor, Colorado State University, Natural Resource Ecology Laboratory, Advisors: LeRoy Poff and Jill Baron (May '10 – April '11)**
 - Developing a framework for projecting the consequences of global change and management on riverine macroecosystems
- **Fellow, STAR (Science to Achieve Results), US EPA, Arizona State University, School of Life Sciences (Fall '05 – Summer '08)**
- **Research Assistant, NSF Supported, Arizona State University, School of Life Sciences**
 - Predicting species interactions from energy and water budgets (Spring '10)
 - Tests of food web theory along an urban gradient (Summer '05)
 - Water, carbon, and nitrogen isotopes along the San Pedro River (Summer '04)
- **Research Assistant, Intra-departmental Summer Support, Arizona State University, School of Life Sciences (Summer '09)**
- **Teaching Assistant, Arizona State University, School of Life Sciences (2003-2009)**

PUBLICATIONS

Total publications: 38

Peer-reviewed journal articles: 31

Mean (\pm SE) impact factor: 7.0 (\pm 1.0)

h-index: 19

i-10 index: 25

Total citations: >1500

Peer-reviewed publications since arriving at BGSU: 22

Manuscripts nearing publication: 15

* = undergraduate student

** = graduate student

† = major mentorship

IF = Impact Factor

Published Journal Articles

1. Clifton, I. T., M. R. Duffy, **K. E. McCluney**, S. Hudson, E. Virgin, S. French, and J. M. Refsnider. 2023. Sublethal effects of prolonged exposure to increased environmental temperatures in a montane, desert lizard. *Journal of Arid Environments*. [IF = 2.7]
2. Benoit, J.B., **K. E. McCluney**, M. J. DeGennaro, and J. Dow. 2023. Dehydration dynamics in terrestrial arthropods: from water sensing to trophic interactions. *Annual Review of Entomology*. [IF = 22.7; note: impact factor higher than PNAS]
3. **McCluney, K. E.** 2022. Disentangling the multiple effects of precipitation on arthropod biomass – A commentary on Newell et al. (2022). *Global Change Biology*. [IF = 13.2; Invited Commentary]
4. Marshall, M.**†, G. Metzner**†, and **K. E. McCluney**. 2022. Caffeine and canopy cover interact to alter biofilm nutrient content, benthic invertebrates, and insect emergence. *River Research and Applications* [IF = 2.8]
5. Becker, J. E.**†, N. Mirochnitchenko*†, H. Ingram*†, A. Everett*†, and **K. E. McCluney**. 2021. Water-seeking behavior among terrestrial arthropods and mollusks in a cool mesic region: spatial and temporal patterns. *PLOS ONE* 16 (11), e0260070 [IF = 3.7]
6. Patrick, C., **K. E. McCluney**, A. Ruhi, A. Gregory, J. Sabo, and J. Thorp. 2021. Multi-scale biodiversity drives stability in macrosystems. *Frontiers in Ecology and the Environment*: 19 (1), 47-56. [IF = 13.8; special issue on Macrosystems]

7. Becker, J. E.^{**†} and **K. E. McCluney**. 2021. Urbanization-driven climate change increases invertebrate lipid demand, relative to protein—a response to dehydration. *Functional Ecology*: 35 (2), 411-419. [IF = 6.3]
8. Marshall, M.^{**†} and **K. E. McCluney**. 2021. Mixtures of co-occurring wastewater chemicals in freshwater systems across the continental US. *Environmental Pollution*: 268, 115793. [IF = 10.0]
9. Lindsey-Robbins J. ^{**}, A. Vazquez-Ortega, **K. McCluney**, and S. L. Pelini. 2019. Effects of Detritivores on Nutrient Dynamics and Corn Biomass in Mesocosms. *Insects*: 10(12): 453. Doi: 10.3390/insects10120453 [IF = 2.1]
10. Burdine, J.^{**†} and **K. E. McCluney**. 2019. Interactive effects of urbanization and local habitat characteristics influence bee communities and flower visitation rates. *Oecologia*. doi: 10.1007/s00442-019-04416-x [IF = 3.0]
11. Leinbach, I.^{**}, **K. E. McCluney**, and J. L. Sabo. 2019. Predator water balance alters intraguild predation in a streamside food web. *Ecology*: e02635. [IF = 6.4; corresponding author; summary in the *Journal of Experimental Biology* and a blog]
12. Burdine, J.^{**†} and **K. E. McCluney**. 2019. Differential sensitivity of bees to urbanization-driven changes in body temperature and water content. *Scientific Reports*: 9: 1643. [IF = 5.0; summary in BGSU News]
13. Burdine, J.^{**†}, E. Plummer^{*}, M. Seidel^{**†}, and **K. E. McCluney**. 2018. Mass-length relationships for 3 bee species in northwest Ohio. *The Ohio Journal of Science*: 118: 31-33. [IF = NA]
14. **McCluney, K. E.**, T. George[†], and S. D. Frank. 2018. Water availability influences arthropod water demand, hydration, and community composition on urban trees. *Journal of Urban Ecology* 4: juy003. [IF = NA]
15. Lagucki E.^{*}, J. Burdine^{**†}, and **K. E. McCluney**. 2017. Urbanization reduces abundance of pollinator taxa in a medium-sized city. *PeerJ* 5: e3620. [IF = 3.1]
16. **McCluney, K. E.** 2017. Implications of animal water balance for terrestrial food webs. *Current Opinion in Insect Science* 23: 13-21. [IF = 5.3; invited as part of a special issue on Global Change Biology]
17. **McCluney, K. E.**, J. Burdine^{**†}, and S. D. Frank. 2017. Variation in arthropod hydration across US cities with distinct climate. *Journal of Urban Ecology* 3(1): jux003. doi: 10.1093/jue/jux003 [IF = NA]
18. **McCluney, K. E.** and J. L. Sabo. 2016. Animal water balance drives top-down effects in a riparian forest—implications for terrestrial trophic cascades. *Proceedings of the Royal Society B* 283: 20160881. <http://dx.doi.org/10.1098/rspb.2016.0881> [IF = 5.5; cited in the Fourth National Climate Assessment]
19. **McCluney, K. E.** and J. L. Sabo. 2014. Sensitivity and tolerance of riparian arthropod communities to altered water resources along a drying river. *PLOS ONE* 9(10): e109276. [IF = 3.7]
20. Auerbach, D.^{**}, D. B. Deisenroth, R. R. McShane^{**}, **K. E. McCluney**, and N. L. R. Poff. 2014. Beyond the concrete: Accounting for ecosystem services from free-flowing rivers. *Ecosystem Services* 10: 1-5. [IF = 6.9]
21. Allen, D. C., **K. E. McCluney**, S. R. Elser^{*}, and J. L. Sabo. 2014. Water as a trophic currency in dryland food webs. *Frontiers in Ecology and the Environment* 12(3): 156-160. doi: 10.1890/130160 [IF = 13.8]

22. **McCluney, K. E.**, N. L. Poff, J. H. Thorp, G. C. Poole, M. A. Palmer, M. Williams, B. S. Williams**, J. S. Baron. 2014. Riverine macrosystems ecology: sensitivity, resistance, and resilience of whole river basins with human alterations. *Frontiers in Ecology and the Environment* 12(1) 48-58. doi: 10.1890/120367 [IF = 13.8; Part of a special issue on macrosystems ecology]
23. Stromberg, J.C., **K.E. McCluney**, M.D. Dixon, T. Meixner. 2013. Dryland riparian ecosystems in the American Southwest: sensitivity and resilience to climatic extremes. *Ecosystems* 16(3): 411-415. doi: 10.1007/s10021-012-9606-3 [IF = 4.3; My photo used as cover image]
24. Hagen E. M**, **K. E. McCluney**, K. A. Wyant**, C. U. Soykan**, A. C. Keller**, K. C. Luttermoser, E. J. Holmes*, J. C. Moore, and J. L. Sabo. 2012. A meta-analysis of the effects of detritus on primary producers and consumers in marine, freshwater, and terrestrial ecosystems. *Oikos* 121(10): 1507-1515. doi: 10.1111/j.1600-0706.2011.19666.x [IF = 4.3]
25. **McCluney, K. E.**, J. Belnap, A. L. Gonzalez, J. N. Holland, B. P. Kotler, F. T. Maestre, S. D. Smith, S. L. Collins, B. O. Wolf, and E. M. Hagen**. 2012. Shifting species interactions in terrestrial dryland ecosystems under altered water availability and climate change. *Biological Reviews* 87(3): 563-582. doi: 10.1111/j.1469-185X.2011.00209.x [IF = 14.3]
26. **McCluney, K. E.** and J. L. Sabo. 2012. River drying lowers the diversity and alters the composition of an assemblage of desert riparian arthropods. *Freshwater Biology* 57(1): 91-103. doi: 10.1111/j.1365-2427.2011.02698.x [IF = 3.5]
27. **McCluney, K. E.** and J. L. Sabo. 2010. Tracing water sources of terrestrial animal populations with stable isotopes: laboratory tests with crickets and spiders. *PLoS ONE* 5(12): e15696. doi: 10.1371/journal.pone.0015696 [IF = 3.7]
28. **McCluney, K. E.** and J. L. Sabo. 2009. Water availability directly determines per capita consumption at two trophic levels. *Ecology (Report)* 90(6): 1463-1469. doi: 10.1890/08-1626.1 [IF = 6.4; *Science Editor's Choice*]
29. Sabo, J. L., **K. E. McCluney**, Y. Y. Marusenko*, A. C. Keller, and C. U. Soykan**. 2008. Greenfall links groundwater to aboveground food webs in desert river floodplains. *Ecological Monographs* 78 (4): 615-631. doi:10.1890/07-1382.1 [IF = 9.8]
30. **McCluney, K.E.** and R.C. Date†. 2008. The Effects of Hydration on Growth of the House Cricket, *Acheta domesticus*. *Journal of Insect Science* 8: 1-9. [IF = 2.1]
31. Gonzalez-Suarez, M.** , **K. McCluney**, D. Aurioles, and L. R. Gerber. 2006. Incorporating uncertainty in spatial structure for viability predictions: a case study of California sea lions. *Animal Conservation* 9: 219-227. doi: 10.1111/j.1469-1795.2006.00022.x [IF = 4.4]

Other Publications

1. Lake Erie and Aquatic Research Network (LEARN): Wetlands and Water Quality Group (H2Ohio Wetland Monitoring Program). (2024). H2Ohio Wetland Monitoring Program 2023 Annual Report, Full Report (v1.0). Zenodo. <https://doi.org/10.5281/zenodo.11238028>
2. Kinsman-Costello, L., K. Fussell, C. Winslow, J. Kerns, S. Newell, T. Bridgeman, R. Becker, J. Chaffin, K. Doro, L. Johnson, G. Liu, **K. McCluney**, H. Michaels, R. Midden, S. Qian, R. Mendonca, N. Wright. 2021. H2Ohio Wetland Monitoring Program Monitoring

- Plan. Lake Erie and Aquatic Research Network (LEARN) for the Ohio Department of Natural Resources (ODNR). Columbus, OH, USA. 114 pp
3. **McCluney, K. E.** 2014. The Web of a Spider. *Cactus Wrendition* (Maricopa Audobon Society Newsletter).
<http://www.maricopaaudubon.org/Wrendition%20Spring%202014.pdf> [pg. 11]
 4. **McCluney, K. E.** 2013. Water wings. *Cactus Wrendition* (Maricopa Audobon Society Newsletter).
<http://www.maricopaaudubon.org/Wrendition%20Winter%202013.pdf> [pgs. 12-13]
 5. **McCluney, K. E.** 2011. Finding good information on the internet. *Scientific American: Guest Blog*. <http://blogs.scientificamerican.com/guest-blog/2011/07/16/finding-good-information-on-the-internet/> [Most popular on the Scientific American website on July 16th, 2011 and received over 600 “likes” on facebook]
 6. **McCluney, K. E.** 2010. Impacts of altered water resources on terrestrial animal communities using stable water isotopes and a water web approach. Arizona State University, Tempe. [Dissertation]
 7. James, F. C., P. M. Richards, C. A. Hess, **K. E. McCluney**, E. L. Walters, and M. S. Schrader. 2003. Sustainable forestry for the red-cockaded woodpecker’s ecosystem. In R. Costa and S. J. Daniels, editors. *Red-cockaded woodpecker: road to recovery*. Hancock House Publishers, Blaine, Washington.

GRANTS, FELLOWSHIPS, HONORS, AND AWARDS

Summary of funding (approximate)

	Total Award	Institution	McCluney	# Awards
Active	\$ 11,491,169	\$ 3,089,309	\$ 931,298	8
At BGSU	\$ 18,430,248	\$ 4,321,340	\$ 1,953,883	18
Career	\$ 19,476,048	\$ 5,367,140	\$ 2,075,683	32

Larger Awards (>\$5k)

1. Vazquez-Ortega, **McCluney**, Ward, Michaels. *Recommended For Funding*. 2024-2026. **Ohio Division of Natural Resources, Office of Coastal Management:** Beneficial use of dredged sediment for wetland creation. **\$142k**
2. **McCluney**, Michaels, Brown. 2024-2025. **ODNR/OWDA/LEARN:** H2Ohio Wetland Monitoring Program. **~\$2.5M** total awarded (~\$212k to BGSU/McCluney) [Notes: our team focuses on vegetation]
3. Michaels, Brown, McCluney, Hovick. 2024-2026. **Ohio Department of Higher Education, Harmful Algal Bloom Research Initiative:** Assessing Ohio Wetland Plants for Nutrient Capture to Guide Construction and Management. **\$384k**
4. Furgal, J., P. Anzenbacher, **K. McCluney**, A. Ostrowski, A. Vazquez-Ortega, J. Metcalf, C. Ward. 2023-2027. **USDA NIFA:** High Resolution Mass Spectrometry for Humeomic, Toxin, and Pollutant Determinations in Agricultural Lands and their Watershed Environments. Equipment Grant. **\$482k**

5. **McCluney, K. E.** (MS student M. Rumbach unofficial Co-PI). 2023-2024. **Ohio Sea Grant** Small Grant: Evaluating top-down effects of aquatic macroinvertebrates on wetland nutrient cycling via macrophytes and algae. **~\$9.9k**
6. Vázquez-Ortega, A., C. Soto Lopez, **K. McCluney**, S. Khanal, B. Sohngen, E. Hawkins. 2022-2024. **Ohio Department of Higher Education, Harmful Algal Bloom Research Initiative:** Assessing Dissolved Reactive Phosphorus Sequestration onto Farm Soils Amended with Lake Erie Dredged Sediments: Implications on Hydrological Budgets and HAB Occurrences. **~\$685k** (~\$480k to BGSU; ~\$50k to McCluney)
7. Martin, J, L. Johnson, J. Hood, M. Kalcic, L. Kinsman-Costello, G. LaBarge, **K. McCluney**, B. Roe. A. Vazquez-Ortega, M. Weintraub, R. Wilson. 2023-2028. **NRCS-RCPP-AFA, USDA:** Pilot Watershed Project in the Western Lake Erie Basin (OH). **\$6.8M** awarded; \$19.4M total project cost (~\$686k to BGSU; ~\$201k to McCluney)
8. **McCluney, K. E.** and H. Michaels. 2020-2024. **H2Ohio Wetland Monitoring Program/ODNR/LEARN:** H2Ohio Wetland Monitoring Program – Kevin McCluney. **~\$5M** total awarded (~\$677k to BGSU/McCluney) [Notes: our team focuses on vegetation]
9. Neves, K., **K.E. McCluney**, C. Ward, H. Michaels, J. Kershaw, J. Meyer, F. Weisstein. 2020-2024. **NRCS, USDA:** Aquaponics on the Edge: Coupling aquaponics to tile drainage systems for nutrient recapture and revenue generation. **~\$144.5k** total project cost/BGSU (~\$3k to McCluney)
10. **McCluney K. E.**, E. Youngsteadt, and C. Penick. 2020-2024. **National Institute of Food and Agriculture, USDA:** Where is pollination in peril? Evaluating climate risks to wild and managed bees and pollination services across the US. **~\$430k** total project cost (~\$197k to BGSU/McCluney).
11. **McCluney, K. E.**, L. Stevenson, T. Worst, ~~T. Davis~~, C. Ward. 2020-2023. **Ohio Sea Grant:** Variation in contaminant concentrations in wastewater and in biota of streams of NW Ohio. **\$120k** total project cost/BGSU (~\$43k to McCluney).
12. Vazquez-Ortega, A., S. Pelini, Z. Xu, V. Phuntumart, **K. E. McCluney**. 2020-2023. **Ohio Sea Grant:** Dredged material blended with organic rich sources to amend farm soils. **\$120k** total project cost/BGSU (~\$10k to McCluney).
13. Thorp, J., C. Patrick, J. D. Hogan, **K. E. McCluney**. 2020-2023. **Macrosystems Biology, National Science Foundation:** Teleconnections among Great Plains NEON sites by wind and wing. ~\$81k subaward to McCluney/BGSU from **~\$780k** grant total, + \$20k REU supplement to McCluney/BGSU.
14. **McCluney K. E.** 2019-2020. **Planning Grant, Great Lakes Protection Fund:** \$6k. Sub-award from Diesch, B., Confesor, R., A. Vazquez-Ortega, **K. E. McCluney**, L. Stevenson, T. Guo. **Great Lakes Protection Fund:** Smart2Genius: Catalyzing Farmer Adoption of Strategic Best Practices. \$6k subaward from **\$200k** grant total.
15. **McCluney K. E.** 2018-2019. **Building Strength, BGSU:** Disentangling pollinator food web responses to shifts in temperature and moisture associated with climate change. **~\$10k.**
16. **McCluney K. E.** 2018-2019. **Lake Erie Protection Fund/Ohio Sea Grant:** Evaluating nutrient retention and removal associated with ditch management and restoration and exploring the role of biota. **~\$15k.**
17. **McCluney K. E.** 2016-2018. **Ohio Department of Higher Education, Harmful Algal Blooms Program:** \$62.8k. Sub-award from Johnson L., **K. E. McCluney**, W. R. Midden,

- P. Mouser, J. Martin, R. Confesor. **Ohio Department of Higher Education, Harmful Algal Blooms Program:** Determining sources of phosphorus to western Lake Erie from field to lake. **\$199k.**
18. **McCluney K. E.** 2015-2017. **Ohio Board Of Regents and Ohio State University, Harmful Algal Blooms Program:** Tracing phosphorous sources used by Lake Erie algal blooms using stable isotopes. \$80k. Sub-award from Johnson L., R. Confesor, K. McCluney, W. R. Midden, P. Mouser, J. Martin. **Ohio Board Of Regents, Harmful Algal Blooms Program:** Identifying the best strategy to reduce phosphorus loads to Lake Erie from agricultural watersheds. **\$451.5k.**
 19. Frank S., R. Dunn. 2013. **DEB, National Science Foundation:** RAPID: Consequences of extreme weather events for urban arthropod communities: Effects of Hurricane Sandy on ecosystem processes and the spread of exotic species in New York City. [I helped write this grant, along with two other post-docs, A. Savage and E. Youngsteadt, but we were unable to officially be listed as Co-PIs due to university regulations.]
 20. Sabo, J.L. Fall '09 – Summer '12. **DEB, National Science Foundation:** Evaluating the effects of groundwater and hydrology on trophic structure in desert riparian ecosystems. Funding: **\$894k.** [I helped write this grant, which built on my research, but was unable to officially be listed as a Co-PI due to university regulations.]
 21. **McCluney, K.E.** and J.L. Sabo. May '08 – May '10. **Doctoral Dissertation Improvement Grant, National Science Foundation:** Developing methods of using stable water isotopes to trace water sources used by animals. Funding: **\$10k.**
 22. Butterfield, B., C. Bang, B. Cutts, E.M. Hagen, M. Kruse, **K.E. McCluney**, H. Schaafsma, Z. Stahlschmidt. Fall '08 - Spring '09. **Foundations in Life Sciences Grant, School of Life Sciences, ASU:** Organizing the conference *Dynamic Deserts: Resource Uncertainty in Arid Environments*. Funding: **\$30k.**
 23. **McCluney, K.E.** Fall '05 - Summer '08. **STAR Fellowship (Science to Achieve Results), US Environmental Protection Agency:** Effects of Surface Water Decline on Streamside Animal Community Structure Using Stable Water Isotopes and a *Water Web* Approach. Funding: **\$111k.**

Smaller Awards (≤\$5k)

1. **McCluney, K.E.** 2024. **Olscamp Research Award, BGSU.** This is the university's highest award for research productivity in the last three years.
2. **McCluney, K.E.** 2022. **Nominated for Olscamp Research Award, BGSU.**
3. **McCluney, K.E.** Spring '21. **Faculty Recognition Award, Center for Faculty Excellence, BGSU.** Identified by a graduating senior as someone who made a difference.
4. **McCluney, K.E.** Spring '19. **Faculty Recognition Award, Center for Faculty Excellence, BGSU.** Identified by a graduating senior as someone who made a difference.
5. **McCluney, K.E.** 2019. **Nominated for Outstanding Early Career Award, BGSU.**
6. **McCluney, K.E.** Fall '12. **Research Grant, Maricopa Audubon Society.** Avian diet analysis using stable isotopes to examine covariation in diet and water use. Funding: \$0.8k.
7. **McCluney, K.E.** April '10. **Service Award, Graduate and Professional Student Association, ASU.** Funding: \$0.25k.

8. **McCluney, K.E.** Summer '06 - Summer '09. **Travel Grants, School of Life Sciences and Graduate and Professional Student Association, ASU:** Funding: \$2k.
9. **McCluney, K.E.** Spring '08. **Citizen Scholar Award, School of Life Sciences, ASU** Funding: \$4.5k
10. **McCluney, K.E.** Spring '06. **Best Student Presentation Award, AZ/NM Wildlife Society and Fisheries Society Joint Meeting** Funding: \$0.1k
11. **McCluney, K.E.** Summer '05. **Dissertation Research Grant, Brian Daniel Corrigan Foundation, through ASU Foundation.** Funding: \$5k.
12. **McCluney, K.E.** Summer '04. **Travel Award, Earl A. and Lenore H. Tripke:** Stable isotope ecology course at University of Utah. Funding: \$0.8k.

Awards to Students Under my Supervision

1. Shaya, T. Spring '23. 2nd place **Shanklin Poster Award**, BGSU.
2. Rumbach, M. Fall '22. **M.S. Sinkula Award**, BGSU. \$1k
3. Tolles, A. Fall '22. **M.S. Sinkula Award**, BGSU. \$0.5k
4. Harter, B. Fall '22. **Protecting Pollinators in Urban Landscapes Conference Travel Grant.**
5. Buchanan, J. Spring '22. **Grant Writing Class Award**, BGSU. \$0.5k
6. Buchanan, J. Spring '21. **Barbara Long Master's Award**, BGSU. \$1.5k
7. Paull, R. Spring '19. **Barbara Long Master's Award**, BGSU. \$1k
8. Seidel, M. Spring '18. **Sigma Xi Grant.** Funding: \$0.9k
9. Burdine, J. Spring '18. **Oman Scholarship**, BGSU. \$1k
10. Marshall, M. Spring '18. **Oman Scholarship**, BGSU. \$1k
11. Burdine, J. Summer '16. **Annie's Scholarship.** \$6k
12. Mirochnitchenko, N. Spring '15. **Glass Award**, BGSU.

TEACHING

- Bowling Green State University, **Instructor of Record** (2014-Present)
 - **Actively taught courses**
 - **Concepts in Biology I** (~90-150 students)
 - 1-2 sections per year since 2015.
 - Spring 2015 - Substantially revised to include modern evidence-based practices and undergraduate learning assistants.
 - **Invertebrate Diversity** (~10-15 students)
 - 1 section every other year since 2015
 - Fall 2015 – Redesigned course to become project-based and incorporate other evidence-based teaching practices. Later revised course description.
 - Fall 2023 - Reorganized invertebrate collection and general cabinets in the invertebrate/entomology teaching room, including improving the look of the display cabinets.
 - **Principles of Biometry** (~20-30 students)
 - 1 section every other year since 2022

- Fall 2022 - Substantially revised course to include increased focus on data management and visualization in addition to basic statistical approaches.
 - **Previously taught courses**
 - **Isotope Biology** (~12 students; New Grad/Undergrad Course)
 - Fall 2014 & Fall 2018 - Created course using evidence-based practices
 - **Ecology for Teaching Professionals** (Online Graduate Course)
 - Summer 2017 - Created course from scratch, using evidence-based practices
 - **Urban Ecology** graduate seminar (5 students)
 - Read and discussed a new urban ecology text book
 - **Professional Development** graduate seminar (~20 students)
 - Facilitated readings, discussions, application material feedback, and mock interviews for a variety of different career pathways
 - **“Ecobreak”** (~10-20 students)
 - Organized this weekly seminar for graduate students and faculty to gather and provide research feedback. Taught presentation design skills.
- Arizona State University, **Teaching Assistant** (2003-2009)
 - **Introductory Biology for Non-majors Lab** (~25 students)
 - **Introductory Biology for Majors Lab** (~25 students)
 - **Ecology Lab** (~20 students)
 - Designed course from scratch with help of instructor of record
 - **Biometry Lab** (~20 students)
- Guest Lectures
 - **Environmental Communication**, BGSU, 2019
 - **Dietetics Intern Students**, BGSU, 2019
 - **Introduction to Environmental Studies**, ENVS1010, BGSU (2x), 2015
 - Freshwater conservation challenges. **Ecosystem Restoration and Management** (80 students), ASU, Tempe, AZ. Spring 2013.
 - Multi-factor fixed and mixed effects models. **Biometry**, ASU, Tempe, AZ. Fall 2012.
 - Population Ecology. **Sustainable Ecosystems** (120 students), ASU, Tempe, AZ. Spring 2010.
 - Ecological entomology. **Ecology Lab**, ASU, Tempe, AZ. Spring 2010.
 - Water as ecological infrastructure. **Water Sustainability**, ASU, Tempe, AZ. September 2009.
 - Multiple Comparisons in ANOVA (parametric and non-parametric). **Biometry**, ASU, Tempe, AZ. Fall 2008.
 - Community Embeddedness. **ASU 101**, ASU, Tempe, AZ. Fall 2007.
 - General Linear Models. **Biometry**, ASU, Tempe, AZ. Fall 2004.

MENTORING/SUPERVISION

(* = primary mentorship, ^H = honors thesis)

- **Post-graduates**

- Post-doctoral Associate/Research Coordinator (Full-time Administrative Staff)
 - Dr. Lauren Brown (2021-)
- Research Coordinator (Full-time Administrative Staff)
 - Ewan Isherwood (2021-)
- Research Technicians (Full-time Classified Staff)
 - Ethan Glassman (2023-)

- **Graduate students**

- **Primary Research Advisor**

- **Current (6):** Lakshan Beligala (MS; 2023-), Salim Mohammed (MS; 2023-), Everett Turner-McCool (MS; 2024-), Trevor DeGroot (MS; 2024-), Reese Jackson (MS; 2024-), Josh Hivner (MS; 2024-)
- **Graduated:**
 - *PhD (3):* Jacob Buchanan (PhD; 2019-2023; currently TTF position at Bluffton University in OH), Melanie Marshall (2019; currently TTF at Wright State Lake Campus in OH); Justin Burdine (2019; currently TTF faculty at Cornerstone in MI)
 - *MS (9):* Jonathan Brokaw (MS; 2020-2024), Mica Rumbach (MS; 2021-2023), Toby Shaya (MS; 2021-2023), Alessia Saul (2022), Rachel Paull (2020), Margaret Duffy (2020; currently at USDA ARS in MT), John Woloschuk (2019), Melissa Seidel (2019); Gabrielle Metzner (2018); Jamie Becker (2017; currently with US EPA)

- **Committee Member**

- **Current (1):** Will Bell (MS), Matt Tobey (MS), Emily Hill (MS), Chloe Cash (MS; University of Toledo), Garret Evans (DMA; grad college appointed member)
- **Completed (31):** Ashley Luttrell (MS), Dylan Mahalko (MS), Brian Okwiri (MS; note: partial), Emily Dwyer (MS; Forensic Chemistry), Kelly Walentik (MS; Forensic Chemistry), Nate Stott (PhD), Kelly Russo-Petrick (PhD), Katie Ware (MS), Ian Clifton (PhD, Univ. of Toledo), Eric Line (MS), Tyler Sloan (MS), Meigan Day (MS), Audrey Maran (PhD), Amanda Martin (PhD), Erica Forstater (MS), Josie Lindsey-Robbins (MS), Eric Hibbets (MS), Haley Meek (MS), David Gesicki (PhD), Tyler Turner (MS), Greg Gustafson (MS), Audrey Maran (MS), Rob Baroudi (MS), Christian Nordal (MS), Paige Arnold (MS), Jennifer Hollen (MS), Amanda Winters (MS), Tim Ludington (MS, note: partial), David Edwards (PhD, note: partial), Ana Jurcak (PhD, note: partial), Alex Neal (MS, note: partial)

- **Undergraduates**

- **BGSU:**

- **Current (2):** Chloe Craft*, Billi Shimkus*, Rebekah Klynn, Sam Smith (second committee member for honors thesis)
- **Former (29):** Amalie Metzger*, Madison Carney*, Gabriella Muller*, Ashlia Toles, Hannah Mehno, Nicole Hildebrand, Cami Kadel, Alaina Evinger, Connor McHugh, Emily Fargo*, Kaitlyn Niek*, Ally Morris, Jenna

Ward*, Rafael Castillo, Daniel Clark*^H, Jordan Davidson, Jordan Gessner, Savanna Brown, Jamie Hawkins*, Neal Kolonay* (currently MS student at LSU), Lana Neff* (currently intern at the GA aquarium), Kaleigh Obrock (currently working at Nature's Nursery), Erin Plummer, Ashley Everett*^H (currently enrolled in dental program at OSU), Andrea Fisher (currently in graduate program at USF), Nadya Mirochnitchenko*^H (currently working for UNL after completing MS there), Haley Ingram*^H (currently in law school at OSU), Matt Zach*^H (Currently Quality Control Technician at VWR), Edward Lagucki (currently working for FIU after completing MS at CSU), Lily Murnen* (Currently MA student at U of Maryland)

○ **Pre-Faculty (As grad student or post-doc):**

- **Independent Research Projects (7):** Lowell Thompson, Molly Heil*, Derek Somo*^H, Martin Vega*, LaMarcus Ford*, Joanna Sblendorio*, Thomas George*^H
- **Other (28):** Yevgeniy Marusenko, Rachel Byers*, Stephanie Prevost*, James Davis*, Amy Cotlow*, Lisa Huynh*, Natalie Muilenberg*, Charles Rolsky*, Marcin Trzaska*, Denise Johnson, Dustin Wolkis, Martin Vega*, Ginger Sommerville, Emmerson Kanawi, Trevor Birt, Stephen Elser, Taylor Hanson, Ruben Marchosky*, Tyna Yost*, Zachary Lancaster*, LaMarcus Ford*, Joanna Sblendorio*, Michael McCartin*, Shelby Roland, Mitchell Strong, Ryanna Henderson, Thomas George*, Danielle Schmidt
- **Advanced high school students* (10)**
- **Underprivileged middle school students* (10)**
- **Elementary students* (2)**

Note: Some of these students are co-authors on manuscripts and posters, have entered graduate programs in Ecology, are employed with environmental consulting companies, or have successfully obtained tenure track faculty positions. Eight K-12 students won awards at regional and international science fairs, one mentee won 3rd place at the international science fair.

JUSTICE, EQUITY, DIVERSITY, AND INCLUSION (JEDI)

- Supported graduate students in my lab in their outreach activities, including **STEM in the Park, Girl Power, STempals**, and other programs (Fall '14-Present)
- **Encouraged JEDI** best practices on a **hiring committee** (April '21 - June '21) and within my own **hiring** (April '21-Present)
- **Attended a presentation/workshop** by the **Outcast Theater Collective** at the Central Arizona Phoenix Long Term Ecological Research annual meeting on JEDI (May '21)
- **Developed a JEDI statement** with our lab group (Fall '20-Spring '21)
 - <https://blogs.bgsu.edu/mccluneylab/jedi/>
- Helped **improve departmental workload policy** as chair of the Personnel Committee and later on separate committee (Fall '20-Spring '21 & Fall 2023 - Spring 2024)
- **Attended "Diversity Conversations" session** at the NSF Macrosystems PI Annual Meeting (January '21)
- **Attended Inclusive Pedagogy session** at BGSU teaching summit (August '20)

- **Taught AIMS summer short-course**, a week-long introduction to biology for recipients of a scholarship for **first-time and under-represented** college students (Summer '18 & Summer '19)
- **Participated in the BGSU ALLIES program**, a semester-long learning community on JEDI aimed at providing tools to understand bias, help targets of bias, and work towards institutional change. Funded by an NSF ADVANCE grant. ('18-'19)
- **Mentored** a member of the Ecological Society of America's **SEEDS program** at an annual meeting (Summer '13)
- **Mentor** for the Southwest Center for Education and the Natural Environment's **Research Experience for High School Students**, with some students coming from minority groups ('05-'09)
- **Mentor** for the Graduate Partners in Science Education program, working with **middle school students from marginalized communities** in Phoenix to **conduct research** ('05-'08)

OUTREACH

- **Co-creator; current organizer and host, BGSU Science Café**, a monthly seminar series aimed at the general public (Fall 2020-Present)
 - <https://www.bgsu.edu/research-economic-development/bgsu-science-cafe.html>
- **Presentations for the public:**
 - **Maumee Valley Beekeeping Association**. Sweating the Bees: Sensitivity to Urban Warming (Nov 2023)
 - **Wild Ones, Oak Openings**. Sweating the Bees: Sensitivity to Urban Warming (Feb 2024)
 - **Presentation and activity** about insect evolution for **Kenwood Elementary STEAM Club**, Bowling Green, OH (Feb 2023)
 - **Presentation** about bees and urban bee physiology to **Rover Vine Kindergarten Class**, Tempe, AZ, the site of a garden participating in our research (Feb 2022)
 - **Presentation** for the **BGSU Science Café** on research on pharmaceuticals and stream food webs (Spring 2021)
 - **Presentation to BG Exchange Club** on bees and bee research (Spring 2021)
 - **"Bug" demonstration/talk for 3 Kindergarten classes** (Spring '18)
- **Panelist, Erie Hack**, discussing issues of water quality in Lake Erie to a group of people trying to come up with innovative solutions (Fall 2021)
- **Supported graduate students** in my lab in their outreach activities, including STEM in the Park, Girl Power, STempals, and other programs (Fall 2014-Present)
- Worked with the Collab Lab to plan and run a **booth for BGSU at the "A City in Transit" event** in Toledo, hosted by the Midstory organization (Summer '19)
- **AIMS summer short-course**; week-long introduction to biology for recipients of a scholarship for first-time and under-represented college students (Summer '18 & Summer '19)
- **Taught a "magical creatures" course at Hogwarts summer camp for K-12**, teaching students about whip spiders, giant isopods, the sea mouse, and evolution (Summer '19)
- Organized and ran a **BGSU Biology booth at Kenwood Elementary School "Nature Day"** (Spring '19)

- **Participant, STEMPals;** wrote letters with a local 3rd grade student (Fall '17 – Spring '18)
- **Session Organizer, Science Olympiad** (Spring '15)
- **Presenter, Research Round Robin, BGSU** (April '14)
- **Volunteer, Ask A Biologist, ASU;** award winning outreach website with over 1 million visitors per year (2008-Present)
- **Judge, Central Arizona Regional Science and Engineering Fair** (April '06)

SERVICE

Recent Service

- **Department:**
 - **Graduate Committee, Member** (Summer '24-Present)
 - **Computer/Web Committee, Chair/Coordinator** (Fall '19-Summer '21; Fall '22-Present), **Member** (Fall '16-Fall '19)
 - Helped get upgraded computers for Life Sciences teaching rooms
 - Organized revisions to the department web site
 - Made list of needed changes
 - Helped M&C redesign our home page and other pages
 - Gathered additional images to use
 - Solicited additional information from members of the department
 - Created department canvas page
 - Created department twitter account, 2016
 - Running the department twitter account, 2016-Present
 - **Curriculum Committee, Member** (Fall '22 – Spring '23)
 - **Personnel Committee, Chair** (Fall '20-Spring '21), **Member** (Fall '19-Fall '20)
 - Merit calculations for all members of the department
 - Helped revise merit policy and prepare internal guidance
 - Helped work towards a new workload policy
 - Helped develop and analyze survey for workload
 - Helped write new workload policy
 - Advice about dealing with budget deficits
 - Wrote and/or edited letters for APR and emeritus status
 - **Ad-hoc Merit Committee, Member** (Fall 2023-Spring 2024)
 - **Ad-hoc Workload Committee, Chair** (Fall 2023-Spring 2024)
 - **BGSU Biology Seminar Committee, Member** (Fall '14 – Spring '21)
 - **Hiring Committee, Environmental Toxicologist**, BGSU (April '21 – June '21)
 - **Mentoring Committee**, Chris Ward (Fall '20-Spring '21)
 - Peer teaching evaluation for Julia Halo (Spring '21)
 - **Hiring Committee, Environmental Microbiologist**, BGSU (Jan '19 – July '19)
 - **Chair Succession Committee** (Nov '18 – Apr '19)
 - Substantially revised the BIOL 2040 BGP assessments and re-organized the canvas shell (Oct '18 – May '19)
 - Filled in the state-level TAG requirements for BIOL 2040 (May '18)
 - Peer teaching evaluation for Kamau Mbutia (Fall '17)

- **Hiring Committee, Environmental Toxicologist**, BGSU (Fall '16 – Spring '17)
- **Hiring Committee, Physical Limnologist**, BGSU (Fall '15 - Spring '16)
- **BGSU Biology Executive Committee, Member** (Fall '15 - Spring '16)
- **University:**
 - Helping to **establish the Center for Great Lakes and Watershed Studies** at BGSU (2017-Present)
 - **Faculty Advisor**, BGSU Beekeeping Club
 - **Faculty Advisor**, BGSU Fencing Club
 - **Hiring Committee Chair**, Founding Director of Center for Great Lakes and Watershed Studies
 - **Graduate College appointed committee member:** Natalia Razgoniaeva (graduated 2016), Tonya Sanders (graduated 2018), Garrett Evans (current)
 - **Faculty Mentoring Program**, Abbas Heydarnoori (Fall 2023-)
 - **Distinguished Dissertation Award Committee Member** (2014)
- **Professional**
 - **Co-organizer, Special Session**, Wetlands for Nutrient Management: Building a Framework for Science-Based Restoration, Joint Aquatic Science Meeting, May 2022
 - **Co-organizer, Special Session**, The re-eutrophication of Lake Erie, Society for Freshwater Science Annual Meeting, May 2018
 - **Peer Review Process:**
 - **Ad-hoc Subject Matter Editor**, *Ecological Applications* (Spring 2017)
 - **Reviewer:**
 - 2024: *Functional Ecology, Journal of Insect Physiology*
 - 2023: *Functional Ecology*
 - 2022: *Global Change Biology* 2x
 - 2021: *Oecologia* 2x, *Current Research in Insect Science* 2x
 - 2020: *Ecology and Evolution* 2x, *Frontiers in Ecology and Evolution*
 - 2019: *Ecology*
 - 2018: *Oikos* 2x, *Aquatic Science, Ecology, Freshwater Science*
 - 2017: *Bioscience*
 - 2016: *Trends in Ecology and Evolution, Frontiers in Ecology and the Environment, Ecohydrology*
 - 2015: *Science, Ecology, Freshwater Biology, Diversity and Distributions, PLoS One, Ecohydrology*
 - 2014: *Freshwater Biology, Diversity and Distributions, River Research and Applications*
 - *Past: Conservation Biology, Ecosphere, Rapid Communications in Mass Spectrometry, Ecological Restoration, Ethology, Journal of Zoology, Bioscience, Global Change Biology, Ecological Applications, Ecology, Journal of Insect Science*
 - **Grant and other types of review**
 - 2023: Maryland Sea Grant, Michigan Sea Grant
 - 2023: External tenure application reviewer
- **Other**

- **Research Advisory Committee**, Agricultural Research Foundation (December 2018-2020)
- **Supervisory Committee**, Ohio EPA, Definition of Coldwater Stream Habitat (July '17 – January '19)
- **Founder and Moderator**, Water Sustainability Science, Google+ online community with over 1000 members (Fall '12 – Spring '19)

Older Service

- **Invited panel member, “How to get a post-doc,” graduate student retreat, School of Life Sciences, ASU** (Fall '12)
- **Hiring Committee, Global Change Physiological Ecologist, School of Life Sciences, ASU** (Fall '08 – Spring '10)
- **Founder, Mentoring and Ethics Graduate Committee, School of Life Sciences, ASU** (Fall '08 – Fall '09)
- **Graduate Student Vice-President, School of Life Sciences, ASU** (Fall '07 – Spring '08, re-elected Spring '08 - Spring '09)
- **Organizing Committee for “Dynamic Deserts” Conference, ASU** (Fall '08 – Spring '09)
An international cross-disciplinary conference and workshop. Organized working group on resource mediated interactions producing a synthetic paper being published in *Biological Reviews*.
- **Organizing Committee for Graduates in Earth Life and Social Sciences Symposiums** (Spring '04 – Spring '08)
- **Participant in Faculty Retreat, ASU** (Fall '07) Helped to develop a new graduate degree program, Environmental Life Sciences.
- **Graduate Representative, Graduate Programs Committee, School of Life Sciences, ASU** (Fall '05 – Spring '07)
- **Grant Reviewer, Graduate and Professional Student Association, ASU** (Fall '04 – Fall '05)
- **Ecology and Evolution Graduate Representative and Reading Group Leader, School of Life Sciences, ASU** (Fall '04)

PRESENTATIONS AND POSTERS (*indicates undergraduate co-author, **indicates graduate student co-author, †indicates major mentorship of co-author)

10 Most Recent Invited Research Presentations (26 total)

1. **McCluney, K.E.** Using organismal physiology as a lens to understand the effects of global change on arthropod communities. Entomology, University of Illinois-Urbana. April 2024.
2. **McCluney, K. E.** Thermal and desiccation tolerance of urban bees across 10 US cities. Entomological Society of America Annual Meeting. National Harbor, MD. November 2023.
3. **McCluney, K. E.** Variation in illicit drugs and pharmaceuticals in wastewater and streams of NW Ohio and potential impacts on wildlife. Public Health Seminar, Wood County Health Department. September 2023.

4. **McCluney, K. E.** Thermal and desiccation tolerance of urban bees across 10 US cities. USDA NIFA Pollinator Health Project Directors Annual Meeting. September 2023.
5. **McCluney, K.E.** Medicated Streams: Pharmaceuticals Within and Near Treatment Plants in the Lake Erie's Western Basin. Ohio Sea Grant Freshwater Science Webinar Series. July 2023.
6. **McCluney, K. E.** Using Organismal Physiology as a Lens to Understand the Effects of Global Change on Food Webs. Department of Biology, John Carol University, Cleveland, OH. 2021.
7. **McCluney, K. E.** Using Organismal Physiology as a Lens to Understand the Effects of Global Change on Food Webs. Department of Biology, University of Florida, Gainseville, FL. 2021. Via Zoom.
8. **McCluney, K. E.** Using Organismal Physiology as a Lens to Understand the Effects of Global Change on Food Webs. Biology Department, Kennesaw State University, Atlanta, GA. 2020. [*In person trip cancelled and converted to a virtual presentation via WebEx*]
9. **McCluney, K. E.** Using Organismal Physiology as a Lens to Understand the Effects of Global Change on Food Webs. Zoology Department, University of Illinois, Carbondale, IL. 2019.
10. **McCluney, K. E.,** J. Burdine, and M. Seidel. Physiological Approaches to Understanding the Effects of Urban Warming on Bees and Pollinator Food Webs. Entomological Society of America Annual Meeting. St. Louis, MO. 2019

10 Most Recent Contributed Presentations (72 total)

1. **McCluney, K.E.,** E. Youngsteadt, C. Penick, B. Harter^{†††}, T. Shaya^{†††}, E. Fargo^{††}, G. Muller^{††}, M. Kieghron, M. Naumchik, E. Briggs, F. Mullan, T. Wolff, K. Chon, J. Keys. Thermal and desiccation tolerance of urban bees across 10 US cities. Ecological Society of America Annual Meeting, Portland, OR. August 2023.
2. Buchanan, J. ^{†††}, T. Arens, C. Patrick, J. Thorp, J. Hogan, W. Boeing, C. Frazier, A. Karlin, M. Rumbach, **K. McCluney.** Top-down effects of diving beetles (Dytiscidae) on temporary prairie pothole wetland macroinvertebrate communities interact with experimental warming and propagule source. Ecological Society of America Annual Meeting, Portland, OR. August 2023.
3. Frazier, C., A. Karlin, J. Thorp, J. Hogan, J. Buchanan^{†††}, W. Boeing, **K. McCluney,** C. Patrick, E. Brock. Does the similar hydrology of temporary wetlands lead to convergence in macroinvertebrate composition, diversity, and traits across climatic zones? Ecological Society of America Annual Meeting, Portland, OR. August 2023.
4. Tolles, A. ^{††}, J. Buchanan^{†††}, **K. McCluney.** The effect of rising temperature on the symbiotic relationship between *Carex vulpinoidea* and mycorrhizal fungi. Ecological Society of America Annual Meeting, Portland, OR. August 2023.
5. Karlin, A., C. Frazier, J. Thorp, W. Boeing, J. Hogan, **K. McCluney,** C. Patrick, J. Buchanan^{†††}, M. Rumbach, E. Brock. Environmental conditions trump dispersal limitation in determining large branchiopod community composition. Ecological Society of America Annual Meeting, Portland, OR. August 2023.

6. T. Shaya^{†**}, G. Muller^{†*}, H. Michaels, **K. McCluney**. Effects of Variable Canopy Cover on Floral Visitation in the Oak Openings of Northwest Ohio. GRI Science Summit. November, 2022.
7. R. Fox^{†**}, J. Hood, **K. McCluney**. Nutrients and Macroinvertebrates in Agricultural Ditches with Different Geomorphology. Joint Aquatic Science Meeting, Grand Rapids, MI. May, 2022.
8. J. Buchanan^{†**}, **K. McCluney**, T. Arens, M. Rumbach, J. Thorp, C. Patrick, J. D. Hogan, C. Frazier, W. Boeing. The effect of temperature on crustacean community structure in prairie pothole wetlands. Joint Aquatic Science Meeting, Grand Rapids, MI. May, 2022.
9. L. Brown[†], E. Isherwood[†], W. R. Midden, C. Senevirathne, H. Michaels, and **K. McCluney**. Monitoring Total Above and Belowground Plant Nutrient Content Across Multiple Wetlands. Joint Aquatic Science Meeting, Grand Rapids, MI. May, 2022.
10. L. Kinsman-Costello, J. Kerns, R. Mendonca, R. Becker, T. Bridgeman, J. Chaffin, K. Doro, K. Fussell, S. Jacquemin, L. Johnson, G. Liu, **K. McCluney**, H. Michaels, W.R. Midden, S. Newell, and C. Winslow. Establishing a Flexible but Robust Framework to Assess Nutrient Removal in Diverse Wetland Restorations (Ohio, USA). Joint Aquatic Science Meeting, Grand Rapids, MI. May, 2022.

MEDIA HIGHLIGHTS

- BGSU news article about wastewater pharmaceutical work: <https://www.bgsu.edu/news/2024/07/bgsu-researchers-uncover-public-health-benefits-while-monitoring-contaminant-levels-in-local-waterways.html>
- Ohio Public Radio interview about our work on pharmaceuticals in wastewater and streams: <https://www.statenews.org/news/2024-02-29/fish-frogs-and-pharmaceuticals-how-researchers-are-addressing-ohios-medicated-streams>
- Article about our work on pharmaceuticals in wastewater and streams: <https://www.midstory.org/pharmaceuticals-are-flowing-through-our-streams/>
- Article about USDA climate sensitivity of urban bees project: <https://www.bgsu.edu/news/2020/10/are-pollinators-sensitive-to-climate-change-urbanization.html>
- Articles about H2Ohio Wetlands Monitoring:
 - <https://www.bgsu.edu/news/2020/09/bgsu-researchers-join-dewine-s-h2ohio-water-quality-initiative.html>
 - <https://www.bgsu.edu/news/2023/02/watershed-moment.html>
 - <https://www.bgsu.edu/news/2023/03/the-real-deal-bgsu-undergraduate-students-earn-vital-research-experience-through-h2ohio.html>
- Articles about NSF grant looking at crustaceans in the Great Plains
 - <https://www.bgsu.edu/news/2019/10/dr-kevin-mccluney-part-of-780-000-nsf-grant-study.html>
 - https://www.sent-trib.com/community/bgsu-professor-recognized-for-breakthrough-ecological-research/article_44623a1c-1cf0-11ea-9ab6-ff4fe817831b.html
 - <https://www.toledoblade.com/a-e/culture/2019/10/27/bird-migration-bowling-green-bgsu-research/stories/20191028002>

- Blog about Leinbach et al 2019 paper published in *Ecology* on water and intra-guild predation: <https://fredsingerecology.com/2019/08/20/spiders-eat-spiders-sometimes/>
- BGSU news article about Burdine and McCluney 2019 paper on bees and climate sensitivity published in *Scientific Reports*:
<https://www.bgsu.edu/news/2019/02/bee-research-creates-buzz-about-urban-agriculture-climate-change.html>
- Article written by an editor of the *Journal of Experimental Biology* about Leinbach et al 2019 paper published in *Ecology* on water and intra-guild predation:
<http://jeb.biologists.org/content/222/7/jeb192724>
- Blog post about McCluney et al 2017 urban hydration paper published in the *Journal of Urban Ecology*: <http://ecoipm.org/2017/03/03/new-paper-cities-more-of-the-same-for-people-and-animals/>
- Interviewed on local PBS talk show about research relating to Lake Erie water quality: <http://video.wbgu.org/video/2365840558/>
- Toledo Blade article on research efforts, June 2014:
<http://www.toledoblade.com/Education/2014/06/18/BGSU-research-team-studies-insect-damage-to-tree-leaves.html>
- Distillations podcast on water webs, May 2013:
<http://www.chemheritage.org/discover/media/distillations/174-water-webs.aspx>
- Sierra Vista Herald article on using isotopes to trace water use by birds and other animals on the San Pedro River, July 2012:
<http://www.svherald.com/content/news/2012/07/07/273710>
- Article written about ongoing work relating water and energy demand and supply to species interactions:
http://usatoday30.usatoday.com/news/nation/states/arizona/2010-07-04-421179524_x.htm
- Articles written about McCluney and Sabo 2009 paper published in *Ecology* on water determining interaction strength:
<http://www.sciencemag.org/content/324/5934/twil.full>
<http://www.sciencedaily.com/releases/2009/06/090629165112.htm>
<http://phys.org/news165163648.html>
<http://esciencenews.com/articles/2009/06/29/water.webs.connecting.spiders.residents.southwest>
- Articles written about mentoring activities:
https://asunews.asu.edu/stories/200705/20070521_McCluney.htm
https://sols.asu.edu/sites/default/files/magazines/files/sols_vol3_no2_2007.pdf