

ALEXANDER J. REISINGER

CURRICULUM VITAE

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RESEARCH INTERESTS

Biogeochemistry of aquatic ecosystems, human-dominated landscapes, watershed-scale approaches to ecosystem ecology, emerging contaminants in urban environments

EDUCATION

Ph.D.	University of Notre Dame, Notre Dame, IN	Biology	2015
M.S.	Kansas State University, Manhattan, KS	Biology	2010
B.S.	University of Notre Dame, Notre Dame, IN	Env. Science	2008

APPOINTMENTS

2017 - Present Assistant Professor, Department of Soil, Water, and Ecosystem Sciences, University of Florida (UF) Institute of Food and Agricultural Sciences (IFAS)
Affiliate Faculty: UF Center for Land Use Efficiency, UF Program for Resource Efficient Communities, UF Water Institute, UF School of Natural Resources and Environment

2016- 2017 Post-doctoral Researcher, Department of Biological Sciences, Central Michigan University, Advisor: Don Uzarski

2015- 2017 Post-doctoral Researcher, Cary Institute of Ecosystem Studies, Advisors: Emma J. Rosi and Peter M. Groffman

2016 Visiting Professor of Biology, Division of Science, Mathematics and Computing, Bard College

2010- 2015 Graduate Research and Teaching Assistant, Department of Biological Sciences, University of Notre Dame, Advisor: Jennifer L. Tank

2008- 2010 Graduate Teaching Assistant, Division of Biology, Kansas State University, Advisor: Walter K. Dodds

SELECTED GRANTS AWARDED

(Totals since 2017: 15 External (\$3.3M) and 14 Internal (\$0.4M); Cumulative Funding: \$3.7M)

Reisinger, A.J., H. Khachatryan, H.D. Laughinghouse, P. Monaghan, O. Savchenko, M. Atkinson, E. Bean, B.V. Iannone, and S. Smidt. DISES: Valuing and managing anthropized ecosystems: Primary and secondary services provided by stormwater ponds in urban landscapes. NSF-DEB 2206234 (DISES Program). \$1,599,994. 05/23 – 10/27. Reisinger is PI.

Iannone, B., P.F. Monaghan, M.K. Atkinson, **A.J. Reisinger**, M. Lusk, and E.Z. Bean. Integrating educational and research activities to promote stormwater pond plantings as a BMP. Florida Department of Environmental Protection. \$196,761. 09/22 – 12/24. Reisinger is Co-PI.

Reisinger, A.J., A. Goeckner^G, H.D. Laughinghouse, A. Smyth, M. Atkinson. Effects of stormwater ponds on microbial communities and subsequent ecosystem functioning in downstream receiving waters. Florida Department of Environmental Protection. \$19,701. 01/22 – 06/22. Reisinger is PI.

Reisinger, A.J., and W.D. Graham. Evaluating the effects of anthropogenic changes on surface water quality in the Hillsborough and Alafia River watersheds. Tampa Bay Water. \$98,113. 04/22 – 03/24. Reisinger is PI.

Lin, Y., A.R. Bacon, M. Gitzendanner, G. Klarenberg, G. Maltais-Landry, **A.J. Reisinger**, and S. Strauss. Data science training for future leaders in soil health research and extension. USDA-NIFA National Needs Fellowship Program. \$243,500. 07/21 – 06/26. Reisinger is co-PI.

Smyth, A.R., C. Angelini, **A.J. Reisinger**, S. Baker, P. Ifju, N. Dix, and K. Dietz. Using collaborative sciences to assess the current and potential role of shellfish in improving water quality. National

Oceanic and Atmospheric Administration (NOAA): National Estuarine Research Reserves Science Collaborative Program. \$588,209. 04/21 - 03/24. Reisinger is co-PI.

Reisinger, A.J., E.Z. Bean, M. Clark, and P.C. Wilson. Quantifying nitrogen leaching from residential soils in Alachua County, FL Phase 2: Effects of different landscape management practices on nutrient and organic contaminant leaching. \$97,475. 03/21 - 04/22. Alachua County Environmental Protection Department. Reisinger is PI.

Crandell, R., L. Reisinger, S. Baker, and **A.J. Reisinger**. Prescribed fire effects on wetland ecosystems in southeastern pine savannas. \$49,956. 08/20-08/21. UF/IFAS Ordway-Swisher Biological Station Research Fund. Reisinger is Co-PI.

Reisinger, A.J. Resistance and resilience of urban stream ecosystem functioning in response to extreme precipitation events. \$49,680. 01/19 - 12/20, University of Florida Agricultural Experiment Station. Reisinger is PI.

Reisinger, A.J., E.Z. Bean, and M. Clark. Quantifying nitrogen leaching from residential soils in Alachua County, FL. \$28,985. 01/19 - 03/20, Alachua County Environmental Protection Department. Reisinger is PI.

Rosi, E.J. **and others**. LTER: Baltimore Ecosystem Study: Synthesis of long-term studies of how multiple human and biophysical factors interact to drive ecological change of an urban ecosystem. Reisinger award: \$10,000. 12/18 - 11/21, NSF-DEB: 1855277. Reisinger is senior personnel.

Reisinger, L.S., **A.J. Reisinger**, and L. Pintor. RoL: FELLS EAGER: Environmental heterogeneity drives intraspecific variation in animal personality and subsequent consequences for ecosystem functions. \$299,865 (UF portion = \$152,941). 08/18 - 08/20, NSF-DEB: 1838336. Reisinger is Co-PI.

Iannone, B., C. Adams, E. Bean, and **A.J. Reisinger**. Are stormwater ponds invasion vectors? Assessing the effects of an abundant engineered ecosystem on plant invasions across multiple spatial scales. \$87,100. 1/18 - 6/19, University of Florida Institute of Food and Agricultural Sciences Interdisciplinary Research on Invasive Species opportunity. Reisinger is Co-PI.

Reisinger, A.J., and J.L. Tank. DISSERTATION RESEARCH: Quantifying the role of denitrification as a mechanism for inorganic nitrogen removal in Midwestern rivers. \$19,710. 07/13 - 06/15, NSF-DDIG. Reisinger is Co-PI due to NSF-DDIG application regulations.

GRANTS PENDING (Total UF Budget Requests Pending: \$2.53M)

Clarke, M., Klein, R.W., and **A.J. Reisinger**. Unlocking the potential of urban forestry to enhance coastal resilience in Jamaica's major cities: Kingston and Montego Bay. Caribbean Biodiversity Fund. \$1,262,000 requested. Submitted 01/2023. Reisinger is Co-PI.

Reisinger, A.J. CAREER: Nitrogen and metabolic dynamics of natural and engineered urban headwaters. NSF-DEB CAREER program. \$1,271,749. Submitted 07/2023. Reisinger is PI.

AWARDS, FELLOWSHIPS, AND HONORS

University of Florida Excellence Award for Assistant Professors, University of Florida, 2022*

**10 assistant professors (of ~1,000 total) receive this award annually across UF.*

Large Grant Leadership Award, University of Florida Institute of Food and Agricultural Sciences Office Of Research, 2022.

Art Hornsby Distinguished Extension Professional and Enhancement Award, University of Florida Institute of Food and Agricultural Sciences. 2022.

University of Florida Water Institute Early Career Faculty Fellow, 2020-2023.

Center for Environmental Science and Technology (CEST) Bayer Predoctoral Fellowship, University of Notre Dame. Advisor: J. L. Tank. 2014 (received twice, separately for spring and fall 2014).

General Endowment Fund Award, Society for Freshwater Science. Advisor: J. L. Tank. 2013.

Center for Aquatic Conservation Graduate Fellowship, Environmental Change Initiative, University of Notre Dame. Advisor: J. L. Tank. 2012 (for spring 2013).

Downes Memorial Professional Development Grant, University of Notre Dame. Advisor: J. L. Tank. 2010.

GLOBES-IGERT Fellowship, University of Notre Dame. Advisor: J. L. Tank. 2010 – 2015.
Arthur J. Schmitt Presidential Fellowship, University of Notre Dame. Advisor: J. L. Tank. 2010 – 2015.
Biology Graduate Student Association Travel Grant, Kansas State University. Advisor: W. K. Dodds.
2010.
Office of Research Presidential Circle Undergraduate Research Grant, University of Notre Dame.
Advisors: D. T. Chaloner and G. A. Lamberti. 2008.
McDonald Summer Undergraduate Research Fellowship, University of Notre Dame. Advisors: D. T.
Chaloner and G. A. Lamberti. 2007.

PUBLICATIONS (H-Index = 19)

Google Scholar: <https://scholar.google.com/citations?user=9VZhOWwAAAAJ&hl=en>

Key: **B** = self

^U = undergraduate student mentored by Reisinger

^G = graduate student mentored by Reisinger

40. Levine, A.J., E.Z. Bean, F.O. Hinz, P.C. Wilson, and **A.J. Reisinger**. Assessing organic contaminant leaching from soils amended with composted biosolids. 2023. *Journal of Environmental Management* 343:118185. doi: 10.1016/j.jenvman.2023.118185. *Note: Levine was a post baccalaureate technician supervised by Reisinger.*
39. Kinsman-Costello, L., E. Bean, A. Goeckner^G, J.W. Matthews, M. O’Driscoll, M.M. Palta, A.L. Peralta, **A.J. Reisinger**, G.J. Reyes, A.R. Smyth, and M. Stofan. 2023. Mud in the City: Effects of Freshwater Salinization on Inland Urban Wetland Nitrogen and Phosphorus Availability and Export. *Limnology and Oceanography: Letters* 8:112-130. doi: 10.1002/lol2.10273.
38. Smidt, S.J., D. Aviles, E.F. Belshe, and **A.J. Reisinger**. 2022. Impacts of Residential Fertilizer Ordinances on Florida Lacustrine Water Quality. *Limnology and Oceanography: Letters* 7:475-482. doi: 10.1002/lol2.10279.
37. Hess, K.M., J.S. Sinclair, **A.J. Reisinger**, E.Z. Bean, and B.V. Iannone III. 2022. Are stormwater detention ponds protecting urban aquatic ecosystems? A case study using depressional wetlands. *Urban Ecosystems* 25:1155-1168. doi: 10.1007/s11252-022-01208-9.
36. Goeckner, A.H.^G, M.G. Lusk, **A.J. Reisinger**, J.D. Hosen, and J.M. Smoak. 2022. Florida’s urban stormwater ponds are net sources of carbon to the atmosphere despite increased burial over time. *Communications Earth & Environment* 3:1-8. doi: 10.1038/s43247-022-00384-y.
35. Holgerson, M.A., R.A. Hovel, P.T. Kelly, L.E. Bortolotti, J.A. Brentrup, A.R. Bellamy, S.K. Oliver, and **A.J. Reisinger**. 2022. Integrating ecosystem metabolism and consumer allochthony reveals nonlinear drivers in lake organic matter processing. *Limnology and Oceanography* 67:S71-S85. doi: 10.1002/lno.11907.
34. Fahr, D.J., F.O. Hinz, **A.J. Reisinger**, G. M. Huddleston III, J.H. Bisesi, and P.C. Wilson. 2021. Influence of Water Resource Recovery Facility Effluents on the Presence of Selected Trace Organic Contaminants (TOrcs) in the Reedy River, South Carolina. *Bulletin of Environmental Contamination and Toxicology* 107:868-875. doi: 10.1007/s00128-021-03365-7.
33. Fork, M.L., J.B. Fick, **A.J. Reisinger**, and E.J. Rosi. 2021. Dosing the Coast: Leaking Sewage Infrastructure Delivers Large Annual Doses and Dynamic Mixtures of Pharmaceuticals to Urban Rivers. *Environmental Science and Technology* 55:11637-11645. doi: 10.1021/acs.est.1c00379
32. Hohman, S.^G, A.R. Smyth, E.Z. Bean, and **A.J. Reisinger**. 2021. Internal nitrogen dynamics in stormwater pond sediments are influenced by pond age and inorganic nitrogen availability. *Biogeochemistry* 156:255-278. doi: 10.1007/s10533-021-00843-2.
31. Lin, L., **A.J. Reisinger**, E.J. Rosi, P.M. Groffman, and L.E. Band. 2021. Evaluating Instream Restoration Effectiveness in Reducing Nitrogen Export from an Urban Catchment with a Data-Model Approach. *Journal of the American Water Resources Association* 57:449.473. doi: 10.1111/1752-1688.12922.
30. **Reisinger, A.J.**, J.L. Tank, R.O. Hall, E.J. Rosi, M.A. Baker, and L. Genzoli. 2021. Water column contributions to the metabolism and nutrient dynamics of mid-sized rivers. *Biogeochemistry* 153:67-84. doi: 10.1007/s10533-021-00768-w.

29. **Reisinger, A.J.**, L.S. Reisinger, E.K. Richmond, and E.J. Rosi. 2021. Exposure to a common antidepressant alters crayfish behavior and has potential subsequent ecosystem impacts. *Ecosphere* 12:e03527. doi: 10.1002/ecs2.3527.
28. Warner, L.A., J.M. Diaz, C. Silvert, W. Hobbs, and **A.J. Reisinger**. 2021. Predicting Intentions to Engage in a Suite of Yard Fertilizer Behaviors: Integrated Insights from the Diffusion of Innovations, Theory of Planned Behavior, and Contextual Factors. *Society & Natural Resources* 34:373-392. doi: 10.1080/08941920.2020.1831118.
27. Sinclair, J.S., L.S. Reisinger, C.R. Adams, E. Bean, **A.J. Reisinger**, and B.V. Iannone. 2021. Vegetation management and benthic macroinvertebrate communities in urban stormwater ponds: implications for regional biodiversity. *Urban Ecosystems* 24:725-735. doi: 10.1007/s11252-020-01072-5.
26. Almeida, R.M., S.K. Hamilton, E.J. Rosi, N. Barros, C.R.C. Doria, A.S. Flecker, A.S. Fleischmann, **A.J. Reisinger**, and F. Roland. 2020. Hydropeaking operations of two run-of-river mega-dams alter downstream hydrology of the largest Amazon tributary. *Frontiers in Environmental Science* 8:120. doi: 10.3389/fenvs.2020.00120.
25. Harrison, A.M., **A.J. Reisinger**, M.J. Cooper, V.J. Brady, J.J.H. Ciborowski, K.E. O'Reilly, C.R. Ruetz III, D.A. Wilcox, and D.G. Uzarski. 2020. A basin-wide survey of coastal wetlands of the Laurentian Great Lakes: Development and comparison of water quality indices. *Wetlands* 40:465-477. doi: 10.1007/s13157-019-01198-z.
24. Sinclair, J.S., C.R. Adams, **A.J. Reisinger**, E. Bean, L.S. Reisinger, A.L. Holmes, and B.V. Iannone. 2020. High similarity and management-driven differences in the traits of a diverse pool of invasive stormwater pond plants. *Landscape and Urban Planning* 201:103839. doi: 10.1016/j.landurbplan.2020.103839.
23. Sinclair, J.S., **A.J. Reisinger**, E. Bean, C.R. Adams, L.S. Reisinger, and B.V. Iannone. 2020. Stormwater ponds: an overlooked but plentiful designer ecosystem provides invasive plant habitat in a subtropical region (Florida, USA). *Science of the Total Environment* 711:135133. doi: 10.1016/j.scitotenv.2019.135133.
22. Gallagher, M.T.^U, and **A.J. Reisinger**. 2020. Effects of ciprofloxacin on metabolic activity and algal biomass of urban stream biofilms. *Science of the Total Environment* 706:135728. doi: 10.1016/j.scitotenv.2019.135728.
21. Riis, T., J.L. Tank, **A.J. Reisinger**, A. Aubeneau, K. Roche, P.S. Levi, A. Baattrup-Pedersen, A.B. Alnoe, and D. Bolster. 2020. Riverine macrophytes control seasonal nutrient uptake via both physical and biological pathways. *Freshwater Biology* 65:178-192. doi: 10.1111/fwb.13412.
20. Almeida, R.M., S.K. Hamilton, E.J. Rosi, J. Durval Arantes, N. Barros, G. Boemer, A. Gripp, V.L.M. Huszar, P.C. Junger, M. Lima, F. Pacheco, D. Carvalho, **A.J. Reisinger**, L.H.S. Silva, and F. Roland. 2019. Limnological effects of a large Amazonian run-of-river dam on the main river and drowned tributary valleys. *Scientific Reports* 9:16846. doi: 10.1038/s41598-019-53060-1
19. Richmond, E.K., E.J. Rosi, **A.J. Reisinger**, B.R. Hanrahan, R.M. Thompson, and M.R. Grace. 2019. Influences of the antidepressant fluoxetine on stream ecosystem function and aquatic insect emergence at environmentally realistic concentrations. *Journal of Freshwater Ecology* 34:513-531. doi: 10.1080/02705060.2019.1629546
18. **Reisinger, A.J.**, T.R. Doody, P.M. Groffman, S.S. Kaushal, and E.J. Rosi. 2019. Seeing the light: Urban stream restoration affects stream metabolism and nitrate uptake via changes in canopy cover. *Ecological Applications* 29:e01941. doi: 10.1002/eap.1941
17. Schock, N.T., **A.J. Reisinger**, L.S. Reisinger, M.J. Cooper, J.J.H. Cibrowski, T.M. Gehring, A. Moerke, and D.G. Uzarski. 2019. Relationships between the distribution of the invasive faucet snail (*Bithynia tentaculata*) and environmental factors in Laurentian Great Lakes coastal wetlands. *Biological Invasions* 21:2613-2628. doi: 10.1007/s10530-019-02000-1
16. **Reisinger, A.J.**, E. Woytowicz, E. Majcher, E.J. Rosi, K.T. Belt, J.M. Duncan, S.S. Kaushal, and P.M. Groffman. 2019. Changes in long-term water quality of Baltimore streams are associated with both gray and green infrastructure. *Limnology and Oceanography* 64:S60-S76. doi: 10.1002/lno.10947.

15. Almeida, R.M., B.A. Han, **A.J. Reisinger**, C. Kagemann, and E.J. Rosi. 2018. High mortality in aquatic predators of mosquito larvae caused by exposure to insect repellent. *Biology Letters* 14:20180526. doi: 10.1098/rsbl.2018.0526
14. Tank, J.L., E. Martí, T. Riis, D. von Schiller, **A.J. Reisinger**, W.K. Dodds, M.R. Whiles, L.R. Ashkenas, W.B. Bowden, B.M. Norman, S.M. Collins, C.L. Crenshaw, T.A. Crowl, N.A. Griffiths, N.B. Grimm, S.K. Hamilton, S.L. Johnson, W.H. McDowell, E.J. Rosi-Marshall, K.S. Simon, S.A. Thomas, and J.R. Webster. Partitioning assimilatory nitrogen uptake in streams: an analysis of stable isotope tracer additions across continents. 2018. *Ecological Monographs* 88:120-138. doi: 10.1002/ecm.1280
13. Rosi, E.J., H.A. Bechtold, D. Snow, M. Rojas, **A.J. Reisinger**, and J.J. Kelly. 2018. Urban stream microbial communities show resistance to pharmaceutical exposure. *Ecosphere* 9: e02041. Doi: 10.1002/ecs2.2041.
12. Langer, T.A., M.J. Cooper, L.S. Reisinger, **A.J. Reisinger**, and D.G. Uzarski. 2018. Water depth and lake-wide water level fluctuation influence on α - and β -diversity of coastal wetland fish communities. *Journal of Great Lakes Research* 44:70-76. doi: 10.1016/j.jglr.2017.11.001
11. Ye, S., **A.J. Reisinger**, J.L. Tank, M.A. Baker, R.O. Hall, E.J. Rosi-Marshall, and M. Sivapalan. 2017. Scaling dissolved nutrient removal in river networks: A comparative modeling investigation. *Water Resources Research* 53:9623-9641. doi: 10.1002/2017WR020858
10. Richmond, E.K., M.R. Grace, J.J. Kelly, **A.J. Reisinger**, E.J. Rosi, and D.M. Walters. Pharmaceuticals and personal care products (PPCPs) are ecological disrupting compounds (EcoDC). 2017. *Elementa Science of the Anthropocene* 5:66. doi: 10.1525/elementa.252
9. **Reisinger, A.J.**, E.J. Rosi, H.A. Bechtold, T.R. Doody, S.S. Kaushal, and P.M. Groffman. 2017. Recovery and resilience of urban stream metabolism following Superstorm Sandy and other floods. *Ecosphere* 8:e01776. doi: 10.1002/ecs2.1776.
8. Guy-Haim, T., H. Alexander, T.W. Bell, R.L. Bier, L. Bortolotti, C. Briseño-Avena, X. Dong, A.M. Flanagan, J. Grosse, L. Grossmann, S. Hasnain, R. Hovel, C.A. Johnston, D.R. Miller, M. Muscarella, A. Noto, **A.J. Reisinger**, H.J. Smith, and K. Stamieszkin. 2017. What are the type, direction, and strength of species, community, and ecosystem responses to warming in aquatic mesocosm studies and their dependency on experimental characteristics? A systematic review protocol. *Environmental Evidence* 6:6. doi: 10.1186/s13750-017-0084-0.
7. **Reisinger, A.J.**, P.M. Groffman, and E.J. Rosi-Marshall. 2016. Nitrogen cycling process rates across key urban ecosystems. *FEMS Microbiology Ecology*. 92:fiw198. doi: 10.1093/femsec/fiw198.
6. **Reisinger, A.J.**, J.L. Tank, T.J. Hoellein, and R.O. Hall. 2016. Sediment, water column, and open-channel denitrification in rivers measured using membrane-inlet mass spectrometry. *Journal of Geophysical Research: Biogeosciences* 121:1258-1274. doi: 10.1002/2015JG003261
5. **Reisinger, A.J.**, J.L. Tank, and M.M. Dee^U. 2016. Regional and seasonal variation in nutrient limitation of riverine benthic biofilms. *Freshwater Science* 35:474-489. doi: 10.1086/685829.
4. **Reisinger, A.J.**, J.L. Tank, E.J. Rosi-Marshall, R.O. Hall, Jr., and M.A. Baker. 2015. The varying role of water column nutrient uptake along river continua in contrasting landscapes. *Biogeochemistry* 125:115-131. doi: 10.1007/s10533-015-0118-z.
3. **Reisinger, A.J.**, D.T. Chaloner, J. Ruuegg, S.D. Tiegs, and G.A. Lamberti. 2013. Effects of spawning Pacific salmon on the isotopic composition of biota differ among southeast Alaska streams. *Freshwater Biology* 58:938-950. doi: 10.1111/fwb.12098
2. **Reisinger, A.J.**, J.M. Blair, C.W. Rice, and W.K. Dodds. 2013. Woody vegetation removal stimulates riparian and benthic denitrification in tallgrass prairie. *Ecosystems* 16:547-560. doi: 10.1007/s10021-012-9630-3.
1. **Reisinger, A.J.**, D.L. Presuma^U, K.B. Gido, and W.K. Dodds. 2011. Direct and indirect effects of central stoneroller (*Camptostoma anomalum*) on mesocosm recovery following a flood: Can macroconsumers affect denitrification? *Journal of the North American Benthological Society* 30:840-852. doi: 10.1899/10-169.1

EXTENSION PUBLICATIONS

Extension publications are available through the Florida Electronic Data Information Service (EDIS) at <http://edis.ifas.ufl.edu>. Electronic Data Information Source (EDIS) is a UF/IFAS peer-reviewed publication system used to share extension scholarship. Documents published prior to 2017 reflect the fact that I have become the UF author of record during the revisions process.

23. Shober, A.L., and **A.J. Reisinger**. 2022. Nitrogen in the home landscape. <https://edis.ifas.ufl.edu/publication/SS479>.
22. Iannone, B.V., T. McIntyre, **A.J. Reisinger**, E.Z. Bean, A. Tyrna, and B.L. Moffis. 2022. Protecting natural areas during development: Four considerations to maximize their benefits. <https://ifas.ufl.edu/publication/FR451>.
21. **Reisinger, A.J.**, and T. McIntyre. 2021. Quantifying Impacts of Fertilizer Workshops on Nitrogen Leaching and Subsequent Economic Impacts: A Case Study. <https://edis.ifas.ufl.edu/publication/SS705>.
20. Radovanovic, J., E.Z. Bean, and **A.J. Reisinger**. 2021. Design, Construction, and Installation of a Drainage Lysimeter for Use on Sandy, Well-Drained Soils Under Turfgrass. <https://edis.ifas.ufl.edu/publications/AE554>.
19. Howley, S.T.^U, S.P. Hohman^G, and **A.J. Reisinger**. 2021. Stormwater Pond Management: What You Need to Know about Aeration. <https://edis.ifas.ufl.edu/ss695>.
18. **Reisinger, A.J.**, M.G. Lusk, and A.R. Smyth. 2020. Sources and Transformations of Nitrogen in Urban Landscapes. <https://edis.ifas.ufl.edu/ss681>
17. **Reisinger, A.J.** 2020. How to Properly Dispose of Unwanted Medications. <https://edis.ifas.ufl.edu>
16. Warner, L.A., E. Momol, C. Lewis, T. Wichman, W. Wilber, and **A.J. Reisinger**. 2020. Floridians' Engagement in Landscape Best Practices to Protect Water Resources: Information from a 2018 Survey. <http://edis.ifas.ufl.edu/wc345>
15. Shober, A.L., **A.J. Reisinger**, M.G. Lusk, and S. A. Scalera. 2019. Soils and Fertilizers for Master Gardeners: Soil Physical Characteristics. <http://edis.ifas.ufl.edu/mg458>
14. Shober, A.L., C. Wiese, G.S. Toor, and **A.J. Reisinger**. (Initial publication date: 2010; Most recent revision: 2019). Preplant Soil Assessment for New Residential Landscapes in Florida. <http://edis.ifas.ufl.edu/ss534>
13. Scalera, S., **A.J. Reisinger**, and M. Lusk. 2019. The importance of soil health for residential landscapes. <http://edis.ifas.ufl.edu/ss664>
12. McGuire, M., Y-Y. Yang, I.A. Rodriguez-Jorquera, G.S. Toor, and **A.J. Reisinger**. (Initial publication date: 2015; Most recent revision: 2019). Contaminants in the Urban Environment: Microplastics. <http://edis.ifas.ufl.edu/ss649>
11. Rodriguez-Jorquera, I.A., G.S. Toor, and **A.J. Reisinger**. (Initial publication date: 2014; Most recent revision: 2018). Contaminants in the Urban Environment: Perfluoroalkyl Substances. <http://edis.ifas.ufl.edu/ss631>
Spanish Translation: Rodriguez-Jorquera, I.A., G.S. Toor, and **A.J. Reisinger**. (Initial publication date: 2014; Most recent revision: 2018). Contaminantes en el Medio Ambiente Urbano: Los Perfluoroalquilos. <http://edis.ifas.ufl.edu/ss644>
10. Yang, Y-Y., G.S. Toor, and **A.J. Reisinger**. (Initial publication date: 2015; Most recent revision: 2018). Contaminants in the Urban Environment: Pharmaceuticals and Personal Care Products (PPCPs) -- Part 1. <http://edis.ifas.ufl.edu/ss632>
9. Yang, Y-Y., G.S. Toor, and **A.J. Reisinger**. (Initial publication date: 2015; Most recent revision: 2018). Contaminants in the Urban Environment: Pharmaceuticals and Personal Care Products (PPCPs) -- Part 2. <http://edis.ifas.ufl.edu/ss633>
8. Shober, A.L. and **A.J. Reisinger**. (Initial publication date: 2012; Most recent revision: 2018). Drinking Water Source Protection in the Tampa Bay Region: A Guide for Government Officials. <http://edis.ifas.ufl.edu/ss524>
7. Shober, A.L. and **A.J. Reisinger**. (Initial publication date: 2012; Most recent revision: 2018). Drinking Water Source Protection in the Tampa Bay Region: A Guide for Homeowners. <http://edis.ifas.ufl.edu/ss493>

6. Shober, A.L., G.C. Denny, **A.J. Reisinger**, and E.Z. Bean. (Initial publication date: 2010; Most recent revision: 2018). Soil Compaction in the Urban Landscape. <http://edis.ifas.ufl.edu/ss529>
5. Loper, S., A.L. Shober, and **A.J. Reisinger**. (Initial publication date: 2008; Most recent revision: 2018). Soils and Fertilizers for Master Gardeners: Glossary of Soil and Fertilizer Terms. <http://edis.ifas.ufl.edu/mg457>
4. Toor, G.S., A.L. Shober, and **A.J. Reisinger**. (Initial publication date: 2008; Most recent revision: 2018). Soils and Fertilizers for Master Gardeners: Soil Organic Matter and Organic Amendments. <http://edis.ifas.ufl.edu/mg454>
3. Shober, A.L., and **A.J. Reisinger**. (Initial publication date: 2008; Most recent revision: 2018). Soils and Fertilizers for Master Gardeners: Tackling Soil Salinity Problems in the Home Landscape. <http://edis.ifas.ufl.edu/mg447>
2. Shober, A.L., and **A.J. Reisinger**. (Initial publication date: 2008; Most recent revision: 2018). Soils and Fertilizers for Master Gardeners: The Florida Gardener's Guide to Landscape Fertilizers. <http://edis.ifas.ufl.edu/mg448>
1. Toor, G.S., A.L. Shober, and **A.J. Reisinger**. (Initial publication date: 2008; Most recent revision: 2018). Soils and Fertilizers for Master Gardeners: Urban Soils and Their Management Issues. <http://edis.ifas.ufl.edu/mg456>

NON-PEER REVIEWED ARTICLES

5. **Reisinger, A.J.**, S.P. Hohman^g, A.R. Smyth, and E.Z. Bean. 2019. Healthy ponds for healthy environments. *Vegetable and Specialty Crop News* Newsletter. <http://vsnews.com/healthy-ponds-for-healthy-environments/>
4. Hohman, S.^g, A.R. Smyth, and **A.J. Reisinger**. 2019. Improving our Understanding of Miami-Dade's Stormwater Ponds. Miami-Dade Extension Connection Summer 2019. http://sfyl.ifas.ufl.edu/media/sfylifasufledu/miami-dade/newsletters/ExtensionConnection_Summer_2019.pdf
3. Majcher, E.H., E.L. Woytowicz, **A.J. Reisinger**, and P.M. Groffman. 2018. Factors affecting long-term trends in surface water quality in the Gwynns Falls watershed, Baltimore City and County, Maryland, 1998-2016: U.S. Geological Survey Open-File Report 2018-1038, 27 p., <https://doi.org/10.3133/ofr20181038>.
2. Kelly, P., T. Bell, **A.J. Reisinger**, T. Spanbauer, L. Bortolotti, J. Bentrup, C. Briseño-Avena, X. Dong, A. Flanagan, E. Follette, J. Grosse, T. Guy-Haim, M. Holgerson, R. Hovel, J. Luo, N. Millette, A. Mine, M. Muscarella, S. Oliver, and H. Smith. 2017. Ecological Dissertations in Aquatic Sciences: An excellent networking opportunity for early career aquatic scientists. *Limnology and Oceanography Bulletin* 26:25-30.
1. **Reisinger, A.J.**, and J.L. Tank. 2013. Assessing biofilm nutrient limitation as an indicator of water quality in the Teton River. Report for the Idaho Department of Environmental Quality.

BOOK CHAPTERS

1. Tank, J.L., **A.J. Reisinger**, and E.J. Rosi-Marshall. 2017. Nutrient Limitation and Uptake. Chapter 31, pages 147-171 In: Methods in Stream Ecology Volume 2: Ecosystem Function (3rd edn), eds F.R. Hauer and G.A. Lamberti. Academic Press

STUDENT AWARDS, FELLOWSHIPS, AND HONORS

- A. Schreiber^U, Roy Likins Scholarship, Florida Section of the American Water Works Association, \$5,000, 2023.
- J. Reimer^G, Graduate Student Travel Award, UF Water Institute, \$1,000, 2023.
- J. Reimer^G, Doris and Earl Lowe and Verna Lowe Scholarship, University of Florida College of Agriculture and Life Sciences, \$2,000, 2023
- A. Schreiber^U, Atkins Foundation Minorities and Women in STEM Scholarship, Atkins Foundation, \$4,000, 2023.
- A. Schreiber^U, Branam Scholarship, UF College of Agriculture and Life Sciences, \$1,000, 2023.
- A. Goeckner^G, Graduate Student Travel Award, UF Water Institute, \$1,000, 2023.

- A. Siders^G, Best Student Oral Presentation, Department of Soil, Water, and Ecosystem Sciences 2023 Research Forum, \$500, 2023.
- J. Reimer^G, Biogeochemistry Graduate Fellowship, Department of Soil, Water, and Ecosystem Sciences, UF|IFAS, \$1,500, 2022.
- A. Schreiber^U, Fredrick C. Bothe Scholarship for Environmental Studies, Florida Society of Environmental Analysts, \$2,000, 2022.
- K. Schoenberger^U, Roy Likins Scholarship, Florida Section of the American Water Works Association, \$5,000, 2022.
- A. Siders^G, College of Agriculture and Life Sciences Scholarship, University of Florida College of Agriculture and Life Sciences, \$1,000, 2022.
- A. Goeckner^G, Runner-up, Best Student Presentation, Annual Meeting of the Florida Lake Management Society, \$750, 2022.
- E. Taylor^G, Best PhD Student Presentation, UF-CLUE Urban Landscape Summit, \$1,000, 2022.
- A. Siders^G, General Endowment Award, Society for Freshwater Science, \$1,000, 2022.
- A. Goeckner^G, Biogeochemistry Graduate Fellowship, Soil and Water Sciences Department, UF|IFAS, \$1,500, 2021.
- A. Rooks^U, University of Florida University Scholars Program Award, \$2,250, 2021.
- A. Goeckner^G, AGU Tiny Grant awarded for #HaikuYourResearch, Water Quality Technical Committee for the American Geophysical Union, \$75, 2020.
- A. Siders^G, Biogeochemistry Graduate Fellowship, Soil and Water Sciences Department, UF|IFAS, \$1,500, 2020.
- E. Taylor^G, William Robertson Fellowship, Soil and Water Sciences Department, UF|IFAS, \$1,000, 2020.
- A. Goeckner^G, Roy Likins Scholarship, Florida Section of the American Water Works Association, \$3,000, 2020.
- A. Goeckner^G, Stormwater Scholarship, Florida Stormwater Association Educational Foundation, \$2,000, 2020.
- A. Goeckner^G, Graduate School Fellowship Award, University of Florida Graduate School, tuition waiver (~\$10,000/yr), stipend (\$31,000/yr), and benefits (~\$3,000/yr) stipend for four years, 2020 - 2024, total award: \$180,000.
- C. Harris^G, Grinter Fellowship, University of Florida Graduate School, \$2,333, 2020.
- E. Taylor^G, Grinter Fellowship, University of Florida Graduate School, \$2,333, 2020.
- E. Taylor^G, General Endowment Fund Scholarship, Society for Freshwater Sciences, \$1,000, 2020.
- S. Hohman^G, Ben Skulnick Fellowship, Soil and Water Sciences Department, UF|IFAS, \$1,000, 2019.
- A. Siders^G, William Robertson Fellowship, Soil and Water Sciences Department, UF|IFAS, \$1,000, 2019.
- A. Siders^G, College of Agriculture and Life Sciences Scholarship, University of Florida College of Agriculture and Life Sciences, \$2000, 2019.
- E. Taylor^G, Grinter Fellowship, University of Florida Graduate School, \$2,200, 2019.
- E. Taylor^G, Jim Roberts Scholarship from the National Association for Environmental Professionals, \$1,000, 2019.
- E. Taylor^G, UF Graduate Student Council Travel Grant for attending the 2019 Society for Freshwater Science Annual Meeting, \$350, 2019.
- E. Taylor^G, UF|IFAS Graduate Student Travel Grant for attending the 2019 Society for Freshwater Science Annual Meeting, \$250, 2019.
- S. Hohman^G, UF|IFAS Graduate Student Travel Grant for attending the 2019 Society for Freshwater Science Annual Meeting, \$250, 2019.
- E. Taylor^G, Fundamentals of Ecosystem Ecology workshop participant, Cary Institute of Ecosystem Studies, 2019.
- M. Gallagher^U, American Geophysical Union Fall Student Travel Grant, \$500, 2018.
- M. Gallagher^U, Gulf Coast Undergraduate Research Symposium (GCURS) Travel Award, Rice University, \$1,000, 2018.

INVITED SEMINARS

- 2022 North Central Florida ASCE + AWWA Chapter, Gainesville, FL, USA
2022 St. Johns River Water Management District, Palatka, FL, USA
2020 University of Florida Fisheries and Aquatic Sciences Program, Gainesville, FL, USA (Virtual)
2020 University of Florida Tropical Research and Education Center, Homestead, FL, USA (Virtual)
2019 Indian River Lagoon Research Institute, Florida Institute of Technology, Melbourne, FL, USA
2018 University of Florida Soil and Water Sciences Department Annual Research Forum, Gainesville, FL, USA
2017 Annis Water Resources Institute, Grand Valley State University, Muskegon, MI, USA
2016 Stroud Water Research Center, Avondale, PA, USA
2016 Environmental Change Initiative, University of Notre Dame, Notre Dame, IN, USA
2016 University of Nebraska, Lincoln, NE, USA
2016 Towson University, Towson, MD, USA
2016 University of Florida, Gainesville, FL, USA
2016 Central Michigan University Biological Station, Beaver Island, MI, USA
2016 University of Missouri, Columbia, MO, USA
2016 *Schoharie Watershed Month Event: Local Stewardship Lectures*, Elka Park, NY, USA
2015 University of Nebraska, Lincoln, NE, USA

SYNERGISTIC ACTIVITIES AND SERVICE

- Member, UF Water Institute Hydrological Sciences Academic Concentration Faculty Advisory Committee (2019 - Present)
Member, UF/IFAS Diversity and Inclusion Committee (2019 - Present)
Organizer, UF/IFAS County Extension In-service Trainings and outreach workshops.
Member, Editorial Review Board, *Biogeochemistry* (2017 - Present)
Member, Publications Committee, Society for Freshwater Science (2018 - 2020)
Lead Organizer, “Novel stressors and novel ecosystems: Ecological processes across a range of urban freshwater ecosystems” - Special Session at the 2019 Society for Freshwater Sciences (SFS) Annual Meeting in Salt Lake City, UT.
Lead Organizer, “Cities and streams: What are the biogeochemical symptoms of the urban stream syndrome?” - Special Session at the 2016 SFS Annual Meeting in Sacramento, CA
Member, Annual Meeting Committee for the 2019 SFS Annual Meeting in Salt Lake City, UT (2018 - 2019)
Member, Annual Meeting Committee for the 2015 SFS Annual Meeting in Milwaukee, WI, Graduate Student Representative (2013 - 2015)
Member, Board of Directors, SFS, Graduate Student Representative (2013 - 2014)
Chair, Graduate Resources Committee (GRC) for SFS (2012 - 2013)
Chair, Live Auction Committee for the GRC at the Louisville, KY SFS Annual Meeting (2011 - 2012)
Member, Student Mentor Mixer Committee for the GRC at SFS Annual Meeting (2011 - 2012)
Graduate Student Liaison for INSTARS, an SFS undergraduate mentoring group for underrepresented groups (2011 - 2012)
Graduate Student Chair, Ecosystem Ecologist and Watershed Modeler Search Committee, Dept. of Biological Sciences, University of Notre Dame (2011)
Co-organizer, South Bend Science Café - a monthly informal seminar series to bring scientific knowledge to the general public (2010 - 2012)
Journal ad-hoc reviewer: Since 2017, I have completed 74 reviews across 26 different peer-reviewed journals
Proposal reviews:
2015-2023 Since 2015, I have served as an *ad hoc* reviewer and/or panelist for the following National Science Foundation (NSF) programs: DEB-Ecosystems, Dynamics of Integrated Socio-ecological Systems (DISES), Established Program to Stimulate Competitive Research (EPSCoR), the

	Graduate Research Fellowship Program (GRFP), and Hydrologic Sciences
2023	National Science Foundation panelist (two separate panels)
2023	New Jersey Sea Grant Consortium <i>ad hoc</i> reviewer
2021	National Science Foundation panelist
2019-2020	National Science Foundation reviewer
2019	North Carolina Water Resources Research Institute <i>ad hoc</i> reviewer
2018	Illinois Water Resources Center <i>ad hoc</i> reviewer
2018-2019	German Research Foundation (DFG) <i>ad hoc</i> reviewer
2015, 2017, 2020	National Science Foundation <i>ad hoc</i> reviewer

TEACHING EXPERIENCE

Guest Lecturing	(2017 - present) University of Florida Guest lecturer for 7 separate courses within UF IFAS and the UF College of Engineering (graduate and undergraduate, average enrollment = 16)
Co-Instructor	(2019) University of Florida Seminar: Sustainable Human and Ecological Development (graduate enrollment = 5)
Instructor	(2016) Cary Institute of Ecosystem Studies Research Experience for Undergraduates Scientific Writing Workshop (undergraduate summer REU students, enrollment = 8)
Visiting Professor	(2016) Division of Science, Mathematics, and Computing, Bard College, Current Issues in Ecosystem Ecology (undergraduate, enrollment = 10)
Guest Lecturer	(2016) Cary Institute of Ecosystem Studies Fundamentals of Ecosystem Ecology (graduate, enrollment = 15)
Visiting Lecturer	(2013) Department of Plant Biology, Aarhus University, Denmark Nitrogen Dynamics in Streams (graduate, enrollment = 15)
Guest Lecturer	(2012) Department of Biological Sciences, Univ. of Notre Dame Stream Ecology (undergraduate and graduate, enrollment = 12)
Graduate Coordinator	(2011-2014) Department of Biological Sciences, Univ. of Notre Dame Biology Friday Afternoon Seminar Series (graduate, enrollment=30)
Graduate Teaching Assistant	(2012) Department of Biological Sciences, Univ. of Notre Dame Stream Ecology Laboratory (undergraduate and graduate, enrollment=12)
Graduate Teaching Assistant	(2012) Department of Biological Sciences, Univ. of Notre Dame Biostatistics Laboratory (undergraduate, enrollment=25)
Graduate Teaching Assistant	(2008-2010) Division of Biology, Kansas State University Organismic Biology Laboratory (undergraduate, enrollment=50)

CONFERENCE PRESENTATIONS

Key: Unless otherwise noted, presentations were oral presentations and the first author is lead author

Bold = self

^U = undergraduate student mentored by Reisinger

^G = graduate student mentored by Reisinger

136. Grosse, A., N. Perujo, P. Fink, **A.J. Reisinger**, D. Borchardt, and D. Graeber. From benthic to hyporheic: how macronutrient stoichiometric ratios and light shape stream biofilms. Association

- for the Sciences of Limnology and Oceanography Aquatic Sciences Meeting. Mallorca, Spain, June 2023.
135. Goeckner, A.^G, A. Smyth, M. Holgerson, H.D. Laughinghouse, F. Lefler, and **A.J. Reisinger**. Evaluating the impact of urban pond discharge to ecosystem functions and microbiomes along a subtropical urban river continuum. Annual Meeting of the Society for Freshwater Science. Brisbane, Australia, June 2023.
 134. Siders, A.C.^G, **A.J. Reisinger**, and M.R. Whiles. Manatee bioturbation overrides effects of excreted nutrients to alter ecosystem function in spring-fed ecosystems. Annual Meeting of the Society for Freshwater Science. Brisbane, Australia, June 2023.
 133. Taylor, E.^G, and **A.J. Reisinger**. Effects of Shifting Alkalinity and Cation Concentrations on Dissolved Organic Matter Reactivity and Subsequent Ecosystem Dynamics. Annual Meeting of the Society for Freshwater Science. Brisbane, Australia, June 2023.
 132. Kabalan, B.A., **A.J. Reisinger**, L. Pintor, M. Scarasso, and L. Reisinger. Integrating Animal Behavior with Ecosystem Ecology: Intraspecific Variation in Crayfish Behavior Can Drive Stream Ecosystem Functions and Structure. Annual Meeting of the Society for Freshwater Science. Brisbane, Australia, June 2023.
 131. Pruitt, A.N., J.L. Tank, S.L. Speir, and **A.J. Reisinger**. Environmental and seasonal controls on denitrification vary between an agricultural river and its tributary stream. Annual Meeting of the Society for Freshwater Sciences. Brisbane, Australia, June 2023.
 130. **Reisinger, A.J.**, A. Goeckner^G, S. Hohman^G, and A. Smyth. Natural Dynamics in Artificial Environments: Biogeochemical Functioning of Urban Stormwater Ponds. *Invited*. Annual Meeting of the Society for Freshwater Science. Brisbane, Australia, June 2023.
 129. Taylor, E.^G, J. Hosen, M. Cohen, and **A.J. Reisinger**. Metabolic regimes of sub-tropical streams. 6th Symposium on Urbanization and Stream Ecology (SUSE6). Brisbane, Australia, May 2023.
 128. Reimer, J.^G, **A.J. Reisinger**, and A. Smyth. Spatiotemporal variability of N-cycling in the Guana Estuary. *Poster*. 2023 School of Natural Resources and Environment Research Symposium. Gainesville, FL, April 2023.
 127. McIntyre, K., L.A. Warner, and **A.J. Reisinger**. Fertilizer workshops impact fertilizer behaviors. *Poster*. 2023 School of Natural Resources and Environment Research Symposium. Gainesville, FL, April 2023.
 126. Reimer, J.^G, A. Smyth, and **A.J. Reisinger**. Spatiotemporal Variability of N-cycling in the Guana Estuary. *Poster*. 2023 North Florida Marine Science Symposium. St. Augustine, FL, March 2023.
 125. **Reisinger, A.J.**, J. Dacey^G, N. Dix, J.E. Reimer^G, A.R. Smyth. Current and future threats to water quality in the Guana Estuary and looking forward for solutions. *Invited*. 2023 State of the Reserve, Guana Tolomato Matanzas National Estuarine Research Reserve. Ponte Vedra, FL, February 2023.
 124. Smyth, A., J. Dacey^G, J. Reimer^G, N. Dix, and **A.J. Reisinger**. Denitrification and the fate of nitrogen in the Guana Estuary. *Invited*. 2023 State of the Reserve, Guana Tolomato Matanzas National Estuarine Research Reserve. Ponte Vedra, FL, February 2023.
 123. Reimer, J.^G, A. Smyth, and **A.J. Reisinger**. Identifying hot spots and hot moments of denitrification in the Guana River Estuary. *Poster*. 2023 State of the Reserve, Guana Tolomato Matanzas National Estuarine Research Reserve. Ponte Vedra, FL, February 2023.
 122. Dacey, J.^G, A. Smyth, and **A.J. Reisinger**. Sediment nitrogen cycling and phytoplankton nutrient limitation in an urbanizing estuary. *Poster*. 2023 Soil, Water, and Ecosystem Sciences Research Forum. Gainesville, FL, February 2023.
 121. Harris, C.^G, **A.J. Reisinger**, and W. Graham. Seasonal and long-term surface water quality trends relevant to drinking water supply in Tampa, FL. *Poster*. 2023 Soil, Water, and Ecosystem Sciences Research Forum. Gainesville, FL, February 2023.
 120. Reimer, J.^G, A. Smyth, and **A.J. Reisinger**. Spatiotemporal Variability of N-cycling in the Guana Estuary. *Poster*. 2023 Soil, Water, and Ecosystem Sciences Research Forum. Gainesville, FL, February 2023.

119. Siders, A.C.^G, **A.J. Reisinger**, and M.R. Whiles. Manatee bioturbation effects supersede nutrient inputs to alter ecosystem function. 2023 Soil, Water, and Ecosystem Sciences Research Forum. Gainesville, FL, February 2023.
118. Taylor, E.^G, J.D. Hosen, M.J. Cohen, and **A.J. Reisinger**. Metabolic Regimes of Sub-Tropical Urban Streams. 2023 Soil, Water, and Ecosystem Sciences Research Forum. Gainesville, FL, February 2023.
117. McIntyre, T., and **A.J. Reisinger**. Nitrogen Reductions Through Behavior Change: A Focus on Fertilizer. International Interdisciplinary Conference on Land Use and Water Quality, Agriculture, and the Environment. Maastricht, The Netherlands, September 2022.
116. Reimer, J.^G, **A.J. Reisinger**, and A. Smyth. Detecting hot spots and hot moments of denitrification in the Guana River Estuary. *Poster*. Florida Lake Management Society 33rd Annual Technical Symposium, Bonita Springs, FL, August 2022.
115. Goeckner, A.^G, **A.J. Reisinger**, and A. Smyth. Assessing biogeochemical & ecosystem functions of stormwater ponds. Florida Lake Management Society 33rd Annual Technical Symposium, Bonita Springs, FL, August 2022. **Runner Up Best Student Oral Presentation*.
114. Harris, C.^G, **A.J. Reisinger**, W. Graham. Seasonal and long-term surface water quality trends relevant to drinking water supply in Tampa, FL. Virtual Poster. Joint Aquatic Sciences Meeting 2022. Grand Rapids, MI, USA, May 2022.
113. Wrege, C., R.M. Crandall, **A.J. Reisinger**, S.M. Baker, and L.S. Reisinger. Prescribed fire effects on wetland macroinvertebrate communities in Southeast Pine Savannas. Joint Aquatic Sciences Meeting 2022. Grand Rapids, MI, USA, May 2022.
112. Fork, M., J.B. Fick, **A.J. Reisinger**, P.M. Groffman, and E.J. Rosi. Environmental conditions explain spatio-temporal variability of nutrients but not pharmaceuticals. Joint Aquatic Sciences Meeting 2022. Grand Rapids, MI, USA, May 2022.
111. Kabalan, B.A., L.S. Reisinger, **A.J. Reisinger**, L. Pintor, and M. Scarasso. Impacts of intraspecific variation in crayfish behavioral traits on stream ecosystem function: Field and mesocosm studies. Joint Aquatic Sciences Meeting 2022. Grand Rapids, MI, USA, May 2022.
110. Siders, A.C.^G, **A.J. Reisinger**, and M.R. Whiles. Assessing the effects of Florida manatees and humans on nutrient uptake rates in Florida springs. Joint Aquatic Sciences Meeting 2022. Grand Rapids, MI, USA, May 2022.
109. Goeckner, A.H.^G, **A.J. Reisinger**, A. Smyth, and M. Holgerson. Net N₂ (Denitrification vs. Fixation) and C gas dynamics of natural and constructed subtropical ponds. Joint Aquatic Sciences Meeting 2022. Grand Rapids, MI, USA, May 2022.
108. Taylor, E.A.^G, **A.J. Reisinger**, J.D. Hosen, and M. Cohen. The metabolic regimes of urbanized subtropical headwater streams. Joint Aquatic Sciences Meeting 2022. Grand Rapids, MI, USA, May 2022.
107. Smyth, A.S., S. Hohman^G, K. Heiden, and **A.J. Reisinger**. Canals and stormwater ponds as biogeochemical regulators in South Florida. *Invited*. Joint Aquatic Sciences Meeting 2022. Grand Rapids, MI, USA, May 2022.
106. Goeckner, A.^G, **A.J. Reisinger**, A.Smyth, M. Holgerson. Water Column Saturation Profiles of N₂, CO₂, and CH₄ in Natural Ponds vs. Stormwater Ponds in Florida. Annual UF-CLUE Urban Landscape Summit. Gainesville, FL, USA, April 2022.
105. Tayler, E.^G, **A.J. Reisinger**, and J. Hosen. Alterations of Dissolved Organic Material Composition and Its Influence on Ecosystem Respiration. *Poster*. Annual UF-CLUE Urban Landscape Summit. Gainesville, FL, USA, April 2022.
**Awarded best student presentation – PhD Division*.
104. Goeckner, A.H.^G, **A.J. Reisinger**, A. Smyth, and M. Holgerson. Water column saturation profiles of N₂, CO₂, and CH₄ in natural and constructed subtropical ponds (FL, USA). *Poster*. University of Florida Water Institute 2022 Symposium. Gainesville, FL, USA, February 2022.
103. Harris, C.^G, **A.J. Reisinger**, and W. Graham. Long-term surface water quality trends relevant to drinking water supply in Tampa, Florida. *Poster*. University of Florida Water Institute 2022 Symposium. Gainesville, FL, USA, February 2022.

102. A.C. Siders^G, **A.J. Reisinger**, and M.R. Whiles. Assessing the effects of Florida manatees and humans on nutrient uptake rates in Kings Bay, FL. Poster. University of Florida Water Institute Symposium. Gainesville, FL, USA, February 2022.
101. Boeri, P.A., J.B. Unruh, K.E. Kenworthy, M. Schiavon, A. Blount, **A.J. Reisinger**, B.V. Iannone, and J.N.D. Campos. Alternative Landscape Conversions vs. Turf-Dominated Lawns: evaluating Ecosystem Services and Public Perceptions. ASA-CSSA-SSSA International Annual Meeting. Salt Lake City, UT, USA, November 2021.
100. Colopietro, D.J., A.R. Bacon, Y. Gonzalez, T.Z. Osborne, **A.J. Reisinger**, T. Schafer, and E. Taylor^G. Characterizing Deep Podzolized Carbon Using EEMS-PARAFAC Analysis. ASA-CSSA-SSSA International Annual Meeting. Salt Lake City, UT, USA, November 2021.
99. Aviles, D., E.F. Belshe, **A.J. Reisinger**, and S.J. Smidt. Impacts of Residential Fertilizer Ordinances on Florida Lacustrine Water Quality. Geological Society of America Annual Meeting. Portland, Oregon, October 2021.
98. Goeckner, A.^G, **A.J. Reisinger**, A. Smyth, and M. Holgerson. Watercolumn saturation profiles of N₂, CO₂, and CH₄ in natural and constructed subtropical ponds (FL, USA). *Invited*. Annual Meeting of Associate for the Sciences of Limnology and Oceanography. Virtual, June 2021.
97. **Reisinger, A.J.**, J. Sinclair, C. Adams, E. Bean, B. Iannone, L. Reisinger, A. Smyth, S. Hohman^G, and A. Goeckner^G. A blessing and a curse? Stormwater ponds provide multiple positive and negative effects in urban watersheds. Annual Meeting of the Society for Freshwater Science. Virtual, June 2021.
96. Siders, A.C.^G, **A.J. Reisinger**, and M. Whiles. The Consequences of an Aquatic Megaherbivore: Assessing the ecosystem effects of Florida manatees on spring-fed ecosystems. *Invited*. Annual Meeting of the Society for Freshwater Science. Virtual, June 2021.
95. Fork, M., **A.J. Reisinger**, J. Fick, P.M. Groffman, and E. Rosi. Pharmaceutical cocktails in Baltimore streams. Annual Meeting of the Society for Freshwater Science. Virtual, June 2021.
94. Taylor, E.^G, **A.J. Reisinger**, and J. Hosen. Alterations of dissolved organic material composition and its influence on ecosystem respiration. Annual Meeting of the Society for Freshwater Science. Virtual, June 2021.
93. Goeckner, A.^G, **A.J. Reisinger**, A. Smyth, and M. Atkinson. Effects of littoral vegetation on phytoplankton nutrient limitation and community structure in south Florida urban stormwater ponds. Poster. Annual Meeting of the Society for Freshwater Science. Virtual, June 2021.
92. Howley, S.^U, L. Reisinger, **A.J. Reisinger**, R. Crandell, and S. Baker. Prescribed fire effects on wetland ecosystems in southeastern pine savannas. Poster. Annual Meeting of the Society for Freshwater Science. Virtual, June 2021.
91. Harris, C.^G, **A.J. Reisinger**, and W. Graham. Long-term water quality trends relevant to drinking water supply in the Hillsborough and Alafia watersheds of Florida, USA. Poster. Annual Meeting of the Society for Freshwater Science. Virtual, June 2021.
90. Morang, C.^U, and **A.J. Reisinger**. Decomposition rates of leaf, palm, and turfgrass differ in a subtropical urban stream. Poster. Annual Meeting of the Society for Freshwater Science. Virtual, 2021.
89. Kabalan, B., M. Scarasso, **A.J. Reisinger**, L.M. Pintor, and L. Reisinger. Impacts of intraspecific variation in crayfish behavioral traits on stream ecosystem function. Annual Meeting of the Society for Freshwater Science. Virtual, June 2021.
88. Iannone, B.V., J.S. Sinclair, K.M. Hess, **A.J. Reisinger**, C.R. Adams, L.S. Reisinger, and E.Z. Bean. Stormwater ponds: spreading environmental problems or benefits in expanding urban landscapes. Annual Meeting of the North American Regional Association of the International Association for Landscape Ecology, April 2021 (Virtual).
87. Barnett, C.P., T.E. Suites, T.D. Sheppard, P.N. Beattie, J.L. Loizzo, L.A. Warner, J.M. Diaz, **A.J. Reisinger**, and A.C. Siders^G. Youth's connectedness to water through a manatee-focused electronic field trip. Poster. Southern Region American Association for Agricultural Education Conference. February 2021 (Virtual).

86. Lin, L, **A.J. Reisinger**, E. Rosi, P.M. Groffman, and L.E. Band. 2020. Evaluating stream restoration metabolism and nitrogen retention at Baltimore, MD. Annual Meeting of the American Geophysical Union, San Francisco, CA, December 2020 (Virtual).
85. **Reisinger, A.J.**, E. Taylor^G, J.R. Blaszczak, M.J. Cohen, and E.J. Rosi. 2020. Stream metabolic regimes across an urbanization gradient. Annual Meeting of the Baltimore Ecosystem Study, Baltimore, MD, October 2020 (Virtual).
84. Fork, M.L., J. Fick, **A.J. Reisinger**, and E.J. Rosi. 2020. Watershed mass balances of pharmaceuticals in Baltimore. Annual Meeting of the Baltimore Ecosystem Study, Baltimore, MD, October 2020 (Virtual).
83. Aviles, D., S.J. Smidt, and **A.J. Reisinger**. 2020. Evaluating water quality impacts of fertilizer ordinances in Florida. (Poster). Annual Meeting of the Geological Society of America. October 2020. (Virtual).
82. **Reisinger, A.J.**, J.R. Blaszczak, M.J. Cohen, M.L. Fork, P.M. Groffman, E.A. Taylor^G, and E.J. Rosi. 2020. Using metabolic flashiness to assess hydrometabolic regimes of urban streams in Baltimore, Maryland, USA. Joint Annual Meeting of the Association for the Sciences of Limnology and Oceanography and the Society for Freshwater Science, Madison, WI, June 2020. **Presentation was canceled due to COVID-19.*
81. Taylor, E.A.^G, J. Hosen, and **A.J. Reisinger**. 2020. Recovery of energy cycling following hydrologic disturbances in sub-tropical urban streams. Joint Annual Meeting of the Association for the Sciences of Limnology and Oceanography and the Society for Freshwater Science, Madison, WI, June 2020. **Presentation was canceled due to COVID-19.*
80. Hohman, S.P.^G, A.R. Smyth, E.Z. Bean, S.T. Howley^U, and **A.J. Reisinger**. 2020. Quantifying mechanisms driving nutrient dynamics in stormwater ponds across an age gradient. Joint Annual Meeting of the Association for the Sciences of Limnology and Oceanography and the Society for Freshwater Science, Madison, WI, June 2020. **Presentation was canceled due to COVID-19.*
79. Siders, A.C.^G, G.W. Hopper, K.B. Gido, **A.J. Reisinger**, and M.R. Whiles. 2020. Abiotic and biotic controls on aquatic insect emergence from prairie stream refugia during drought conditions. Joint Annual Meeting of the Association for the Sciences of Limnology and Oceanography and the Society for Freshwater Science, Madison, WI, June 2020. (Virtual)
78. Scarasso, M.A., B. Kabalan, **A.J. Reisinger**, L. Reisinger, and L.M. Pintor. 2020. The effects of predation pressure and latitude on intraspecific behavioral trait variation in rusty crayfish. Joint Annual Meeting of the Association for the Sciences of Limnology and Oceanography and the Society for Freshwater Science, Madison, WI, June 2020. **Presentation was canceled due to COVID-19.*
77. Kabalan, B., **A.J. Reisinger**, L. Pintor, M. Scarasso, and L. Reisinger. 2020. Impacts of intraspecific variation in crayfish behavior on stream ecosystem functions. Joint Annual Meeting of the Association for the Sciences of Limnology and Oceanography and the Society for Freshwater Science, Madison, WI, June 2020. **Presentation was canceled due to COVID-19.*
76. Fork, M.L., **A.J. Reisinger**, P.M. Groffman, J. Fick, and E.J. Rosi. 2020. Concentrations and loads of pharmaceuticals over one year in streams across an urbanization gradient. Joint Annual Meeting of the Association for the Sciences of Limnology and Oceanography and the Society for Freshwater Science, Madison, WI, June 2020. **Presentation was canceled due to COVID-19.*
75. **Reisinger, A.J.**, E.Z. Bean, M.W. Clark, and E.S. Williams. 2020. Digging holes in people's yards: Quantifying nitrogen leaching from residential soils in Alachua County, FL. University of Florida Water Institute 2020 Symposium. Gainesville, FL, February 2020.
74. Goeckner, A., M. Lusk, **A.J. Reisinger**, J. Hosen, and J. Smoak. 2020. Carbon dynamics of urban stormwater ponds: Burial, Greenhouse Gas Flux, and DOM Quality. (Poster). University of Florida Water Institute 2020 Symposium. Gainesville, FL. February 2020. **Awarded best student poster.*
73. Taylor E.A.^G, J. Hosen, and **A.J. Reisinger**. 2020. Recovery of energy cycling following hydrologic disturbances in sub-tropical urban streams. (Poster). University of Florida Water Institute 2020 Symposium. Gainesville, FL. February 2020.

72. Siders, A.C.^G, G. Hooper, K. Gido, **A.J. Reisinger**, and M.R. Whiles. 2020. Abiotic and biotic controls on aquatic insect emergence from prairies stream refugia during drought conditions in a tallgrass prairie stream. University of Florida Water Institute 2020 Symposium. Gainesville, FL, February 2020.
71. Hohman, S.^G, A.R. Smyth, E. Bean, and **A.J. Reisinger**. 2020. Quantifying mechanisms driving nutrient dynamics in stormwater ponds across an age gradient. University of Florida Water Institute 2020 Symposium. Gainesville, FL, February 2020.
70. K. Hess, **A.J. Reisinger**, and B. Iannone. 2020. Are detention ponds protecting urban depressional wetlands? University of Florida Water Institute 2020 Symposium. Gainesville, FL, February 2020.
69. Atkinson, M., B. Iannone, M. Lusk, P. Monaghan, E. Bean, and **A.J. Reisinger**. 2020. Planting stormwater ponds: Determining the best management practices for ornamental plants in buffer zone areas. University of Florida Water Institute 2020 Symposium. Gainesville, FL, February 2020.
68. Iannone, B., M. Atkinson, E. Bean, M. Lusk, P. Monaghan, and **A.J. Reisinger**. 2020. Stormwater pond plantings as a strategy for improving water quality. University of Florida Water Institute 2020 Symposium. Gainesville, FL, February 2020.
67. Fork, M.L., **A.J. Reisinger**, P.M. Groffman, and E.J. Rosi. 2020. Patterns and changes in multiple solutes over 20 years of weekly measurements in Baltimore streams. (Poster). 5th Symposium on Urban Stream Ecology. Austin, TX, February 2020.
66. Taylor E.A.^G, J. Hosen, and **A.J. Reisinger**. 2020. Recovery of energy cycling following hydrologic disturbances in sub-tropical urban streams. (Poster). 5th Symposium on Urban Stream Ecology. Austin, TX, February 2020.
65. Lin, L., **A.J. Reisinger**, E. Rosi, P. Groffman, and L.E. Band. Evaluating instream restoration effectiveness in reducing nitrogen export from an urban catchment with a coupled data-modeling approach. (Poster). American Geophysical Union Fall Meeting 2019. San Francisco, CA, December 2019.
64. Brophy, T., S. Hohman^G, **A.J. Reisinger**, E. Bean, and S. Smidt. Geospatial analysis of stormwater ponds and water quality across the state of Florida. (Poster) Geological Society of America Annual Meeting, Phoenix, AZ, September 2019.
63. Goeckner, A., M. Lusk, **A.J. Reisinger**, J. Smoak, and T. Bianchi. Carbon dynamics of urban stormwater ponds: Burial, gas flux, and organic matter composition. Florida Lake Management Society Annual Symposium, Duck Key, FL, August 2019.
**Awarded best student presentation.*
62. Iannone, B.V., J.S. Sinclair, **A.J. Reisinger**, E.Z. Bean, C. Adams, L. Reisinger, and A. Holmes. Stormwater ponds: an increasing habitat for invasive plants. Florida Lake Management Society Annual Symposium, Duck Key, FL, August 2019.
61. **A.J. Reisinger**, E.J. Rosi, E. Richmond, S.S. Kaushal, and P.M. Groffman. Challenges of connectivity within urban landscapes: Examples from the Baltimore Ecosystem Study. Annual Meeting of the Ecological Society of America, Louisville, KY, August 2019.
60. Sinclair, J.S., **A.J. Reisinger**, E. Bean, C.R. Adams, L.S. Reisinger, and B.V. Iannone III. Stormwater ponds: Proliferating refuges for invasive species in urban landscapes. Annual Meeting of the Ecological Society of America, Louisville, KY, August 2019.
59. Lin, L., **A.J. Reisinger**, E. Rosi, P. Groffman, and L.E. Band. Evaluating instream restoration effectiveness in reducing nitrogen export from an urban catchment with a data-model simulation approach. (Poster) Catchment Science: Interactions of Hydrology, Biology, and Geochemistry (Gordon Research Seminar). Andover, NH, June 2019.
58. Hess, K.M., E. Bean, **A.J. Reisinger**, and B.V. Iannone. Quantifying the effects of stormwater ponds drainage on urban remnant forested wetlands. (Poster) Annual Meeting of the Society of Wetland Scientists, Baltimore, MD, May 2019.

57. Taylor, E.^G, and **A.J. Reisinger**. Landscape patterns drive variability in water chemistry across sub-tropical urban streams. (Poster) Annual Meeting of the Society for Freshwater Science, Salt Lake City, UT, May 2019.
56. Hohman, S.P.^G, A.R. Smyth, and **A.J. Reisinger**. Quantifying mechanisms driving nutrient dynamics in stormwater ponds across an age gradient. (Poster) Annual Meeting of the Society for Freshwater Science, Salt Lake City, UT, May 2019.
55. Gallagher, M.^U and **A.J. Reisinger**. A bitter pill to swallow: Effects of ciprofloxacin on urban stream biofilms. Annual Meeting of the Society for Freshwater Science, Salt Lake City, UT, May 2019.
54. Richmond, E.K., S.S. Lee, **A.J. Reisinger**, and E.J. Rosi. Are ecological threats posed by pharmaceutical pollution context dependent? Annual Meeting of the Society for Freshwater Science, Salt Lake City, UT, May 2019.
53. Sinclair, J.S., **A.J. Reisinger**, E. Bean, C. Adams, L. Reisinger, and B. Iannone. Stormwater ponds: Proliferating vectors of invasive species in urban watersheds. Annual Meeting of the Society for Freshwater Science, Salt Lake City, UT, May 2019.
52. Hess, K.M., E. Bean, **A.J. Reisinger**, and B. Iannone. Quantifying the effects of stormwater ponds on depressional urban wetland plant communities. (Poster) School of Forest Resources and Conservation Annual Graduate Symposium, Gainesville, FL, April 2019.
51. Hohman, S.^G, A.R. Smyth, and **A.J. Reisinger**. Nutrient dynamics of stormwater retention ponds across a pond age gradient. (Poster) Annual UF-CLCE Urban Landscape Summit, Gainesville, FL, March 2019.
50. Taylor, E.^G, and **A.J. Reisinger**. Variability in water chemistry across urban streams. (Poster) Annual UF-CLCE Urban Landscape Summit, Gainesville, FL, March 2019.
49. Hess, K.M., E. Bean, **A.J. Reisinger**, and B. Iannone. Quantifying the effects of stormwater ponds on depressional urban wetland plant communities. (Poster) Annual UF-CLCE Urban Landscape Summit, Gainesville, FL, March 2019.
48. **Reisinger, A.J.**, L. Sanderson^E, and L. Singleton. Effects of compost topdressing on soil health in residential landscapes. Annual UF-CLCE Urban Landscape Summit, Gainesville, FL, March 2019.
47. Gallagher, M.^U, and **A.J. Reisinger**. Metabolic responses of stream biofilms to ciprofloxacin exposure differ along an urban stream gradient. (Poster) American Geophysical Union Fall 2018 Meeting, Washington, D.C., December 2018.
46. Band, L.E., L. Lin, **A.J. Reisinger**, E.J. Rosi, S. Kaushal, and P. M. Groffman. Evaluation of stream restoration strategies for urban residential watersheds by coupling riparian and aquatic ecosystem modeling. American Geophysical Union Fall 2018 Meeting, Washington, D.C., December 2018.
45. Gallagher, M.^U, and **A.J. Reisinger**. A dose is a dose is a dose: ambient stream conditions control biofilm responses to ciprofloxacin exposure. Gulf Coast Undergraduate Research Symposium (GCURS). Houston, TX, Oct 2018.
44. **Reisinger, A.J.**, L.S. Reisinger, E.K. Richmond, and E.J. Rosi. Crayfish on drugs: Effects of a common anti-depressant on crayfish behavior and subsequent biogeochemical impacts. Annual Meeting of the Ecological Society of America, New Orleans, LA, August 2018.
43. **Reisinger, A.J.**, L.S. Reisinger, E.K. Richmond, and E.J. Rosi. Crayfish on drugs: Effects of a common anti-depressant on crayfish behavior and subsequent biogeochemical impacts. Annual Meeting of the Society for Freshwater Science, Detroit, MI, May 2018
42. **Reisinger, A.J.**, E.J. Rosi, E. K. Richmond, S.S. Kaushal, and P.M. Groffman. Challenges of connectivity within urban landscapes: Examples from the Baltimore Ecosystem Study. 12th International Symposium on Biogeochemistry of Wetlands. Coral Springs, FL, Apr 2018.
41. **Reisinger, A.J.** Ecosystem ecology of Florida's urban landscapes. University of Florida Center for Landscape Conservation & Ecology 2018 Urban Landscape Summit. Gainesville, FL, Mar 2018.
40. **Reisinger, A.J.**, E. Woytowicz, E. Majcher, E.J. Rosi, and P.M. Groffman. Solute specific patterns and drivers of urban stream chemistry revealed by long-term monitoring in Baltimore, MD. Annual Conference of the American Geophysical Union, New Orleans, LA, Dec 2017.

39. Woytowitz, E., E. Majcher, **A.J. Reisinger**, P.M. Groffman, A. Volpitta, and D. Flores. The influence of gray and green infrastructure on water quality change in the Gwynns Falls watershed, Baltimore, Maryland. Baltimore Ecosystem Study Annual Meeting, Baltimore, MD, Oct 2017.
38. **Reisinger, A.J.**, E.J. Rosi, and P.M. Groffman. Initial results from a long-term stream metabolism monitoring network across Baltimore. Baltimore Ecosystem Study Annual Meeting, Baltimore, MD, Oct 2017.
37. Almeida, R.M., **A.J. Reisinger**, A.R. Gripp, D. Pire, E.J. Rosi, G.L.C. Boemer, J.D. Arantes Jr., K.A.N. Ribeiro, M. Lima, N. Barros, P.C. Junger, R. Azevedo, S.K. Hamilton, and F. Roland. Efeitos de uma usina a fio d'agua nas características da agua do rio Madeira e tributaries remansados. 16th Brazilian Congress of Limnology, Rio de Janeiro, Brazil, July 2017.
36. Rosi, E., J. Blaszcak, R. Almeida, J. Fick, M. Grace, J. Kelly, S. Lee, **A. Reisinger**, E. Richmond, S. Robson, and D. Walters. Pharmaceuticals and personal care products as novel constituents in aquatic ecosystems. Annual Meeting of the Society for Freshwater Science, Raleigh, NC, June 2017.
35. Dee, M.M., J.L. Tank, T. Hoellein, **A. Reisinger**, and A. Marzadri. Partitioning the role of biology and seasonality in diel solute signals from two river networks of contrasting land us. Annual Meeting of the Society for Freshwater Science, Raleigh, NC, June 2017.
34. **Reisinger, A.J.**, R.P. Axler, M.J. Cooper, L.B. Johnson, C.R. Ruetz III, A.D. Steinman, and D.G. Uzarski. Natural and anthropogenic disturbances affect water quality of Great Lakes coastal wetlands. International Association for Great Lakes Research Conference on Great Lakes Research, Detroit, MI, May 2017.
33. **Reisinger, A.J.**, E.J. Rosi, E. Richmond, S.S. Kaushal, and P.M. Groffman. Challenges of connectivity within urban landscapes: Examples from the Baltimore Ecosystem Study. The Association for the Sciences of Limnology and Oceanography 2017 Aquatic Sciences Meeting, Honolulu, Hawaii, Feb-Mar 2017.
32. Rosi, E.J., R. Almeida, J. Blaszcak, M. Grace, J.J. Kelly, S.S. Lee, **A.J. Reisinger**, E. Richmond, S. Robson, and D.M. Walters. Pharmaceuticals and personal care products as novel constituents in aquatic ecosystems. The Association for the Sciences of Limnology and Oceanography 2017 Aquatic Sciences Meeting, Honolulu, Hawaii, Feb-Mar 2017.
31. Boodhan, Y.^U, E. Rosi-Marshall, and **A.J. Reisinger**. Interacting effects of light and pharmaceuticals on stream biofilms. (Poster) Council on Undergraduate Research: Research Experience for Undergraduates Symposium, Arlington, VA, Oct 2016.
30. Robson, S., E. Richmond, **A.J. Reisinger**, E. Rosi-Marshall, and M. Grace. Effects of pharmaceuticals on open and shaded artificial stream ecosystems. Australian Society for Limnology Annual Conference, Victoria, Australia, Sept 2016.
29. **Reisinger, A.J.**, E.J. Rosi-Marshall, P.M. Groffman, S.S. Lee, E.S. Bernhardt, J.R. Blaszcak, N.B. Grimm, S.S. Kaushal, J.J. Kelly, P.S. Levi, and E.H. Stanley. Biogeochemical symptoms of the urban stream syndrome: Homogenization of water chemistry and implications for ecosystem functioning in urban streams. Annual Meeting of the Society for Freshwater Science, Sacramento, CA, May 2016.
28. Doody, T.R., **A.J. Reisinger**, E. Rosi-Marshall, S. Kaushal, and P. Groffman. Biogeochemical evaluation of restored urban streams. Annual Meeting of the Society for Freshwater Science, Sacramento, CA, May 2016.
27. Lee, S., E. Rosi-Marshall, **A.J. Reisinger**, J. Kelly, M. Rojas, and S. Kaushal. Effects of urban chemical stressors on stream biofilms. Annual Meeting of the Society for Freshwater Science, Sacramento, CA, May 2016.
26. Doody, T.R., **A.J. Reisinger**, S.S. Kaushal, E. Rosi-Marshall, and P.M. Groffman. Biogeochemical evaluation of restored urban streams. The Geological Society of America Annual Meeting, Baltimore, MD, November 2015.
25. **Reisinger, A.J.**, T.R. Doody, E.J. Rosi-Marshall, S.S. Kaushal, and P.M. Groffman. Assessing stream rehabilitation effects on metabolism and nitrogen dynamics of urban streams. Baltimore

- Ecosystem Study Long Term Ecological Research Station Annual Meeting, Baltimore, MD, October 2015.
24. Lee, S., E.J. Rosi-Marshall, A. Paspelof, D. Snow, **A.J. Reisinger**, J. Kelly, M. Rojas, and S. Kaushal. Effects of urban chemical stressors on stream biofilms. Baltimore Ecosystem Study Long Term Ecological Research Station Annual Meeting, Baltimore, MD, October 2015.
 23. **Reisinger, A.J.**, J.L. Tank, T.J. Hoellein, and R.O. Hall. A comparison of sediment, water column, and open-channel denitrification measured using membrane-inlet mass spectrometry in Midwestern rivers. Annual Meeting of the Ecological Society of America, Baltimore, MD, August 2015.
 22. **Reisinger, A.J.**, J.L. Tank, T. Hoellein, and R.O. Hall. Using MIMS to measure riverine sediment, water column, and open-channel denitrification. Annual Meeting of the Society for Freshwater Science, Milwaukee, WI, May 2015.
 21. Barrons, H., **A.J. Reisinger**, J.L. Tank, and S. Tiegs. The contribution of fish excretion to nutrient cycling in streams across a land-use gradient. Annual Meeting of the Society for Freshwater Science, Milwaukee, WI, May 2015.
 20. **Reisinger, A.J.**, J.L. Tank, E.J. Rosi-Marshall, R.O. Hall, M.A. Baker. Regional and seasonal variation in nutrient limitation of riverine biofilms. Joint Aquatic Sciences Meeting, Portland, OR, May 2014.
 19. Tank, J.L., A. Aubeneau, **A.J. Reisinger**, M.A. Baker, R. O. Hall, P.S. Levi, T. Riis, and E.J. Rosi-Marshall. Linking biogeochemistry and hydrodynamics in rivers. Joint Aquatic Sciences Meeting, Portland, OR, May 2014.
 18. Aubeneau, A.F., J.L. Tank, **A.J. Reisinger**, T. Riis, P. Levi, and D. Bolster. New take on old questions: The intersection of nutrient spiraling and transient storage in fluvial systems. (Poster) Joint Aquatic Sciences Meeting, Portland, OR, May 2014.
 17. Levi, P.S., T. Riis, J.L. Tank, **A.J. Reisinger**, and A. Baattrup-Pedersen. Dynamics of seasonal nutrient uptake are controlled by ecosystem metabolism in macrophyte-dominated streams. Joint Aquatic Sciences Meeting, Portland, OR, May 2014.
 16. Barrons, H.J., **A.J. Reisinger**, J.L. Tank, and S.D. Tiegs. Community-level fish excretion in three streams from contrasting land uses. (Poster) Joint Aquatic Sciences Meeting, Portland, OR, May 2014.
 15. Riis, T., J.L. Tank, P.S. Levi, **A.J. Reisinger**, and A. Aubeneau. Seasonal changes in transient storage and nutrient uptake in a macrophyte-rich river. Joint Aquatic Sciences Meeting, Portland, OR, May 2014.
 14. **Reisinger, A.J.**, J.L. Tank, E.J. Rosi-Marshall, R.O. Hall, and M.A. Baker. Pelagic nutrient uptake in 15 rivers with varying turbidity and nutrient concentrations. Annual Meeting of the Society for Freshwater Science, Jacksonville, FL, May 2013.
 13. Tank, J.L., E.J. Rosi-Marshall, R.O. Hall, M.A. Baker, and **A.J. Reisinger**. Turbidity and nutrients drive nutrient uptake in 5 western rivers. Annual Meeting of the Society for Freshwater Science, Jacksonville, FL, May 2013.
 12. Dee, M.M.^U, **A.J. Reisinger**, and J.L. Tank. Nutrient limitation of riverine biofilms: The role of turbidity and cation-induced inhibition. (Poster) Annual Meeting of the Society for Freshwater Science, Jacksonville, FL, May 2013.
 11. **Reisinger, A.J.**, J.L. Tank, E.J. Rosi-Marshall, R.O. Hall, and M.A. Baker. Pelagic nutrient uptake along the river continuum in watersheds with contrasting land use. Annual Meeting of the Society for Freshwater Science, Louisville, KY, May 2012.
 10. Genzoli, L. A., **A.J. Reisinger**, R.O. Hall, J.L. Tank, E.J. Rosi-Marshall, and M.A. Baker. Pelagic primary production in five Midwestern Rivers. (Poster) Annual Meeting of the Society for Freshwater Science, Louisville, KY, May 2012.
 9. Tank, J.L., R.O. Hall, E.J. Rosi-Marshall, M.A. Baker, and **A.J. Reisinger**. Patterns of nutrient spiraling in 5 Midwestern Rivers reflect a gradient of land use and nutrients. Annual Meeting of the Society for Freshwater Science, Louisville, KY, May 2012.

8. **Reisinger, A.J.**, J.L. Tank, E.J. Rosi-Marshall, E. Taylor-Salmon, R.O. Hall, M.A. Baker, D. Kincaid, and U.H. Mahl. The importance of water column nutrient uptake relative to whole river uptake in 5 western rivers. Annual Meeting of the North American Benthological Society, Providence RI, May 2011.
7. Tank, J.L., E.J. Rosi-Marshall, M.A. Baker, R.O. Hall, and **A.J. Reisinger**. Using empirical approaches to quantify nutrient spiraling in 5 western rivers. Annual Meeting of the North American Benthological Society, Providence RI, May 2011.
6. **Reisinger, A.J.**, and W.K. Dodds. Impact of woody encroachment on riparian and benthic denitrification. (Poster) Annual Meeting of the North American Benthological Society, Sante Fe, NM, June 2010.
5. **Reisinger, A.J.**, and W.K. Dodds. Effects of woody encroachment on riparian and stream denitrification. (Poster) LTER All-Scientists Meeting, Estes Park, CO, September 2009.
4. Tiegs, S. D., M. E. Benbow, E.Y. Campbell, D. T. Chaloner, J. Hudson, P.S. Levi, **A.J. Reisinger**, R. W. Merritt, J.Rüegg, J.L. Tank, and G. A. Lamberti. Comparative effects of spawning salmon and their carcasses in a southeast Alaska stream ecosystem. Ecological Society of America Annual Meeting, Milwaukee, WI. August, 2008.
3. Chaloner, D.T., M.E. Benbow, S.D. Bridgham, E.Y. Campbell, D.V. D'Amore, R.T. Edwards, J.P. Hudson, G.A. Lamberti, P.S. Levi, R.W. Merritt, **A.J. Reisinger**, J. Rüegg, J. L. Tank, and S.D. Tiegs. Environmental change alters the ecological role of Pacific salmon in southeast Alaska rivers. Ecological Society of America Annual Meeting, Milwaukee, WI. August, 2008.
2. **Reisinger, A.J.**, D.T. Chaloner, S.D. Tiegs, J. Rüegg, and G.A. Lamberti. Using the stable isotopic composition of juvenile coho to assess the ecological integrity of Southeast Alaskan streams. (Poster) Annual Meeting of the North American Benthological Society, Salt Lake City, UT, June 2008.
1. Lamberti, G.A., M.E. Benbow, S.D. Bridgham, E.Y. Campbell, D.T. Chaloner, D. V. D'Amore, R.T. Edwards, J.P. Hudson, P.S. Levi, R.W. Merritt, **A.J. Reisinger**, J. Rüegg, J.L. Tank, and S.D. Tiegs. Aquatic-terrestrial coupling in the flux, uptake, and effects of Pacific Salmon nutrients in Southeast Alaska watersheds. Annual Meeting of the North American Benthological Society, Salt Lake City, UT, June 2008.

GRADUATE STUDENT COMMITTEES

All graduate student committees are based at the University of Florida unless otherwise noted.

37. Jenna Reimer (PhD *expected 2025*; co-chair; 50% supervision responsibility)
36. Justina Dacey (PhD *expected 2025*; co-chair; 50%)
35. Audrey Goeckner (PhD *expected 2024*; chair)
34. Casey Harris (PhD *expected 2024*; chair)
33. Emily Taylor (PhD *expected 2023*; chair)
32. Adam Siders (PhD 2023; co-chair; 80%)
31. Kati Morris (Professional MS *expected 2025*; chair)
30. Catherine Young (Professional MS *expected 2025*; chair)
29. Simon Sokoloff-Kemp (Professional MS *expected 2025*; chair)
28. Sierra Richardson (Professional MS 2023; chair)
27. Steven Hohman (MS 2020; chair)
26. Excy Herrera (Professional MS 2018; chair)
25. Francisca Hinz (PhD *expected 2025*; member)
24. Bana Kabalan (PhD *expected 2025*; member)
23. Coleson Wrege (PhD *expected 2025*; member)
22. Anika Große (PhD *expected 2024*; member; UFZ – Helmholtz Centre for Environmental Research)
21. Pablo Agustin Boeri (PhD *expected 2024*; member)
20. Joseph Barrett Carter (PhD *expected 2024*; member)
19. Gabriela Reyes (PhD *expected 2023*; member)
18. Yuseung Shin (PhD *expected 2023*; member)

17. Daniel Colopietro (PhD *expected 2023*; member)
16. Samantha Howley (MS *expected 2023*; member)
15. Alexandra Riemann (Professional M.S. *expected 2023*; member)
14. Lindsey Albright (Professional MS *expected 2023*; member)
13. Chris Cappielo (Professional MS *expected 2023*; member)
12. Addie Aufforth (MS 2023; member)
11. Aubrey Frye (Professional MS 2022; member)
10. Daniela Daniele (MS 2021; member; Florida International University)
9. Christine Miller (Professional MS 2021; member)
8. Bana Kabalan (MS 2021; member)
7. Lily Kirk (PhD 2020; member)
6. Zijing “Austin” Liao (MS 2020; member)
5. Audrey Goeckner (MS 2020; member)
4. Daniel Fahr (Professional MS 2020; member)
3. Joseph Molenda (Professional MS 2020; member)
2. Lauren DeVito (MS 2020; member)
1. Kelsey Krueger (Professional MS 2019; member)

UNDERGRADUATE STUDENTS MENTORED

25. Marley Concha (July 2023 – present)
24. Camila Del Sol Piña (January 2023 – present)
23. Annabel Schreiber^H (May 2021 - present)
22. Gavin Jones (July 2022 – May 2023)
21. Katie Schoenberger^H (May 2021 – May 2023)
20. Amanda Wiman (October 2019 – December 2022)
19. Victor Hernandez (June 2021 – May 2022)
18. Amelia Rooks^H (January 2021 – May 2022)
17. Marian Azeem-Angel (November 2020 – Dec 2021)
16. Haley Huth (January 2020 – Dec 2021)
15. Jules Velasquez (August 2019 – May 2021)
14. Connor Morang^H (August 2019 - May 2021)
13. Sierra Richardson (August 2019 - December 2020)
12. Samantha “Sam” Howley (May 2019 - December 2020)
11. Gabrielle Bryson^H (October 2019 - May 2020)
10. Jordan “Hallie” Ferguson (September 2018 - May 2020)
9. Dominick Padilla (August 2018 - December 2018)
8. Morgan Gallagher (May 2018 - August 2018)
7. Yashoma Boodhan (May 2016 - August 2016)
6. Joseph Mueller (Aug 2013 - January 2014)
5. Zoe Volenec (June 2013 - July 2013)
4. Martha Dee (February 2012- May 2013)
3. Nicholas Anderson (June 2011- Aug 2011)
2. Emma Taylor-Salmon (July 2010- Aug 2010)
1. Dumi L. Presuma (May 2009- Aug 2009)

^HUndergraduate student completing honors thesis under my guidance

MEMBERSHIPS IN PROFESSIONAL SOCIETIES

American Geophysical Union
 Association for the Sciences of Limnology and Oceanography
 Society for Freshwater Science
 Ecological Society of America
 International Association for Great Lakes Research