

ALEXANDER J. REISINGER

CURRICULUM VITAE

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Soil and Water Sciences Department
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RESEARCH INTERESTS

Biogeochemistry of aquatic ecosystems, agricultural and urban stream biogeochemistry, watershed-scale approaches to ecosystem ecology, emerging contaminants in aquatic ecosystems

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 Research Professor, Soil and Water Sciences Department, University of Florida/IFAS

2016- 2017 Post-doctoral Researcher, Dept. 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, Dept. of Biological Sciences, Univ. of Notre Dame, Advisor: Jennifer L. Tank

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

GRANTSMANSHIP

Reisinger, A.J., E.J. Rosi Marshall, and P.M. Groffman. Water chemistry fingerprints as a holistic approach to investigate long-term dynamics in solute chemistry. \$109,260. Declined (Submitted as a Long-term Ecological Research Network Communications Office Working Group Proposal). Reisinger is 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. Awarded (07/13 - 06/15, NSF-DDIG). Reisinger is Co-PI due to NSF-DDIG application regulations.

Reisinger, A.J. and J.L. Tank. Nutrient Limitation and uptake rates in streams and rivers of the Greater Yellowstone Area. \$4,710. Awarded (06/13 - 05/14, University of Wyoming - National Parks Service). Reisinger is Co-PI due to application regulations.

Reisinger, A.J., C. Vizza, S.G. Winikoff, M.M. Dee, and J.L. Tank. I. The roles of pH and cation concentration in apparent phosphate inhibition of stream biofilms and II. A new approach for assessing the effects of climate change on biofilm nutrient limitation. \$756. Awarded (04/2013 - 04/2014, ND-ECI). Reisinger is PI.

PUBLICATIONS

Key: underlined = student mentored by Reisinger

10. 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. *In press*. Ecological Dissertations in Aquatic Science (Eco-DAS): An excellent networking opportunity for early career aquatic scientists. In press at *Limnology and Oceanography Bulletin*.
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.
 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.
 5. **Reisinger, A.J.**, J.L. Tank, and **M.M. Dee**. 2016. Spatial and temporal variation in nutrient limitation of riverine benthic biofilms. *Freshwater Science* 35:474-489.
 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.
 3. **Reisinger, A.J.**, D.T. Chaloner, J. Ruuegg, S.D. Tiegs, and G.A. Lamberti. 2013. Factors influencing the stable isotope composition of epilithon and juvenile coho salmon (*Oncorhynchus kisutch*) in Southeast Alaska streams receiving salmon spawners. *Freshwater Biology* 58:938-950.
 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.
 1. **Reisinger, A.J.**, **D.L. Presuma**, 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.

TECHNICAL REPORTS

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.

MANUSCRIPTS IN REVIEW AND PREPARATION

- Rosi, E.J., H.A. Bechtold, D. Snow, M. Rojas, **A.J. Reisinger**, and J.J. Kelly. Urban stream microbial communities show resistance to pharmaceutical exposure. In review at *Ecosphere*.
- Tank, J.L., E. Martí, T. Riis, W.K. Dodds, M.R. Whiles, D. von Schiller, **A.J. Reisinger**, L.R. Ashkenas, W.B. Bowden, B.M. Norman, S.M. Collins, C.L. Crenshaw, T.A. Cowl, 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. Accepted at *Ecological Monographs*.

- Ye, S., **A.J. Reisinger**, J.L. Tank, M.A. Baker, R.O. Hall, E.J. Rosi-Marshall, and M. Sivapalan. Scaling dissolved nutrient removal in river networks: A comparative modeling investigation. In review at *Water Resources Research*.
- Tank, J.L., R.O. Hall, E.J. Rosi-Marshall, M.A. Baker, M. Sivapalan, S. Ye and **A.J. Reisinger**. Rivers are hotspots of nutrient removal along fluvial networks. In preparation for *Limnology and Oceanography: Letters*, with expected submission by fall 2017.
- Reisinger, A.J.**, J.L. Tank, R.O. Hall, E.J. Rosi-Marshall, M.A. Baker, L.A. Genzoli, and C. Ruiz. Turbidity and nutrients control water column metabolism and nutrient uptake in rivers. In preparation for *Ecology* with submission pending upon Tank et al. manuscript above. *Draft available upon request*.

AWARDS, FELLOWSHIPS, AND HONORS

- 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.

INVITED SEMINARS

- 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, Editorial Review Board, *Biogeochemistry* (2017 - Present)
- Scientist of the Week, Cary Institute of Ecosystem Studies Summer Eco-Camp - spoke to 2nd - 4th grade campers about water quality issues and what it's like to be a scientist (2016)
- Guest Speaker, Cary Institute of Ecosystem Studies Summer Education Institute: Ecology in Context- Water Quality of the Hudson - spoke to a group of ~30 high school teachers about water quality and ecosystem function of large rivers (2016)
- Co-Organizer, "Cities and streams: What are the biogeochemical symptoms of the urban stream syndrome?" - Special Session at the 2016 Society for Freshwater Science (SFS) Annual Meeting in Sacramento, CA

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)

Contractor with Idaho Department of Environmental Quality, Assessed nutrient limitation of the Teton River in an effort to inform development of TMDLs in the watershed. 2013.

Participant, Science Sunday Open House at Notre Dame Linked Experimental Ecosystem Facility (ND-LEEF), a community outreach event with ~150 public participants (aged 2 - 85). Events included hands-on demonstrations and lectures describing research in freshwater nutrient cycling.

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: Aquatic Biology, Aquatic Microbial Ecology, Biogeochemistry, Ecological Engineering, Ecosystems, Environmental Science and Pollution Research, Freshwater Science*, Hydrobiologia, Journal of the American Water Resources Association, Journal of Environmental Quality, Journal of Geophysical Research: Biogeosciences, Limnology and Oceanography, Limnology and Oceanography: Methods, PLOS One, Science of the Total Environment, Scientific Reports, Water, Air & Soil Pollution

*recognized for outstanding reviews on multiple occasions

Proposal ad-hoc reviewer: NSF-DEB Ecosystems Panel

TEACHING EXPERIENCE

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) <i>Delivered lecture on the Phosphorus Cycle</i>
Visiting Lecturer	(2013) Department of Plant Biology, Aarhus University, Denmark Nitrogen Dynamics in Streams (graduate, enrollment = 15) <i>Co-organized and taught a week long intensive course.</i>
Guest Lecturer	(2012) Department of Biological Sciences, Univ. of Notre Dame Stream Ecology (undergraduate and graduate, enrollment = 12) <i>Delivered lecture on Floodplains and Riparian Zones</i>
Graduate Coordinator	(2011-2014) Department of Biological Sciences, Univ. of Notre Dame Biology Friday Afternoon Seminar Series (graduate, enrollment=30) <i>I organized a weekly seminar series in which ecology and evolutionary biology graduate students presented presentations on their research. This seminar fulfilled the departmental seminar requirement for graduate students and was well attended during my time as organizer.</i>
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: underlined = student mentored by Reisinger

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. Rüeegg, 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.
2. **Reisinger, A.J.**, D.T. Chaloner, S.D. Tiegs, J. Rüeegg, 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.
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. Rüeegg, J. L. Tank, and S.D. Tiegs. Environmental change alters the ecological role of Pacific salmon in southeast Alaska rivers. Ecological Society of America meeting, Milwaukee, WI. August, 2008.
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. Rüeegg, 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 meeting, Milwaukee, WI. August, 2008.
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
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.
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.
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.
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.
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.
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.
12. Dee, M.M., **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.

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.
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.
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.
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.
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.
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.
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.
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.
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.
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.
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.
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.
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.
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.
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.
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.
29. **Reisinger, A.J.**, E.J. Rosi-Marshall, P.M. Groffman, S.S. Lee, E.S. Bernhardt, J.R. Blaszczak, 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.
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.
 31. Boodhan, Y., 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.
 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.
 32. **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.
 33. **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.
 34. 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 use. Annual Meeting of the Society for Freshwater Science, Raleigh, NC, June 2017.
 35. 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.
 36. 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.

UNDERGRADUATE STUDENTS MENTORED

1. Dumi L. Presuma (May 2009- Aug 2009)
2. Emma Taylor-Salmon (July 2010- Aug 2010)
3. Nicholas Anderson (June 2011- Aug 2011)
4. Martha Dee (February 2012- May 2013)
5. Zoe Volenec (June 2013 - July 2013)
6. Joseph Mueller (Aug 2013 - January 2014)
7. Yashoma Boodhan (May 2016 - August 2016) - *Selected to represent the Cary Institute REU program at the annual Research Experience for Undergraduates Symposium*

PROFESSIONAL WORKSHOPS ATTENDED

1. Ecological - Dissertations in the Aquatic Sciences XII (Eco-DAS XII), University of Hawaii. 10/2016.
2. COMPASS Policy Communication Workshop, University of Notre Dame, Washington D.C.. 03/2012.
3. Fundamentals in Ecosystem Ecology, Cary Institute of Ecosystem Studies, 01/2011.
4. COMPASS Media Communication Workshop, University of Notre Dame. 10/2010.

MEMBERSHIPS IN PROFESSIONAL SOCIETIES

Society for Freshwater Science
 Association for the Sciences of Limnology and Oceanography

Ecological Society of America
International Association for Great Lakes Research