

Laura Logozzo
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Education

PhD	Yale University School of the Environment Committee: Peter Raymond (Advisor), Jim Saiers, Tim Eglinton, Ben Twining <i>"Dissolved Organic Matter Dynamics in a Large Temperate River"</i>	2017 –
MS	CUNY City College Earth and Atmospheric Sciences (EAS) Advisor: Maria Tzortziou <i>"Microbial Degradation of Marsh-Exported Carbon"</i>	2015 – 2017
BS	Macaulay Honors College at CUNY City College EAS	2011 – 2015

Research Experience and Collaborations

Watershed Rules of Life Project Collaborator PI: Peter Raymond Co-PIs: Byron Crump, Colin Gleason	2019 –
ETH Zürich Visiting Researcher Supervisors: Tim Eglinton, Peter Raymond <i>14C-DOC sample processing using wet chemical oxidation</i>	2019
Smithsonian Environmental Research Center Research Fellow Supervisors: Patrick Neale, Patrick Megonigal, and Maria Tzortziou <i>"Microbial Degradation of Marsh-Exported Carbon"</i>	Summer 2016
Smithsonian Environmental Research Center Research Intern Supervisor: Patrick Neale <i>Dissolved organic matter fluxes and fate from a brackish tidal marsh</i>	Summer 2015
University of New Hampshire & Abisko Naturvetenskapliga Station REU Supervisors: Ruth Varner and Joel Johnson <i>"Linking Sediment Characteristics to Methane Emission Potential in Subarctic Lakes"</i>	Summer 2014

Publications

In review/In prep

Aho, K.S., Hosen J.D., **Logozzo L.**, McGillis, W.R., Raymond, P.A. In review. *Highest rates of gross primary productivity maintained despite CO₂ depletion in a temperate river network*. Limnology & Oceanography Letters.

Logozzo, L., Martin, J., Raymond, P. In prep. *Contributions of ferric iron and dissolved organic matter to light absorption in natural waters*. Limnology & Oceanography (anticipated).

In Press/Published

Logozzo, L., Tzortziou, M., Neale, P. Clark, B. In press. *Photochemical and microbial degradation of chromophoric dissolved organic matter exported from tidal marshes*. Journal of Geophysical Research: Biogeosciences. <https://doi.org/10.1029/2020JG005744>

DeVries, S., Loving, M., **Logozzo, L.,** Zhang, P., Block, K. 2020. *The Effects of Trace Narasin on the Biogeochemical N-Cycle in a Cultivated Sandy Loam*. Science of the Total Environment. <https://doi.org/10.1016/j.scitotenv.2020.137031>

Invited Talks

Logozzo, L. 2021. *Dissolved organic carbon cycling in rivers and estuaries*. Invited Talk. CUNY City College, Earth and Environmental Sciences Seminar. Zoom.

Presentations

Logozzo, L., Raymond, P. 2020. *Seasonal variability in dissolved iron and dissolved organic matter in the Connecticut River*. Talk. YSE Research Conference. Zoom.

Logozzo, L., Raymond, P. 2019. *The Coupled Cycling of Dissolved Iron and Dissolved Organic Matter in the Connecticut River*. Poster. YSE Research Conference. New Haven, CT. **Best poster award winner.**

Logozzo, L., Raymond, P. 2019. *The Coupled Cycling of Dissolved Iron and Dissolved Organic Matter in the Connecticut River*. Talk. ASLO Aquatic Sciences Meeting. San Juan, Puerto Rico.

Logozzo, L., Tzortziou, M., Neale, P. 2017. *Dissolved Organic Matter Fate in Estuaries: Spatial Variations in Bioavailability and Photoreactivity*. Poster. ASLO Aquatic Sciences Meeting. Honolulu, HI.

Logozzo, L., Neale, P., Tzortziou, M., Nelson, N., Megonigal, P. 2016. *Tidal Marshes as Pulsing Systems: New Estimates of Marsh-Carbon Export and Fate*. Talk. AGU Ocean Sciences Meeting. New Orleans, LA.

Logozzo, L., Kidder, S. 2015. *A model for mapping titanium concentrations in quartz using blue-wavelength cathodoluminescence and c-axis plunge*. Poster. Jeffrey Steiner Memorial Symposium. New York, NY.

Logozzo, L., DeVries, S., Zhang, P. 2015. *The effects of antibiotics on the nitrifying bacteria *Alcaligenes faecalis**. Poster. Jeffrey Steiner Memorial Symposium. New York, NY. **Best poster award winner.**

Logozzo, L., Perry A., Wik, M., Thornton, B., Crill, P., Johnson, J., Varner, R. 2014. *Linking Sediment Characteristics to Methane Emission Potential in Subarctic Lakes*. Poster. AGU Fall Meeting. San Francisco, CA

Fellowships & Grants

NASA Connecticut Space Grant Graduate Research Fellowship | \$8000
"Illuminating riverine dissolved organic carbon dynamics and export using carbon age"

2019

Yale University Conference Travel Fund \$500	2019
Yale Institute of Biospheric Studies RFP Grant \$3950	2018
ASLO Aquatic Sciences Meeting, Student Travel Fund \$500	2017
Smithsonian Graduate Student Fellowship \$8000 <i>“Microbial degradation of marsh-exported carbon”</i>	2016
NOAA-CREST Graduate Student Fellowship \$36,000	2015 – 2017

Teaching and Mentoring

The Physical Science of Climate Change Teaching Fellow <i>Yale University</i>	Spring 2021
Watershed Cycles and Processes Teaching Fellow <i>Yale University</i>	Fall 2019/20
Multivariate Statistics for the Environmental Sciences Teaching Fellow <i>Yale University</i>	Spring 2019
New Haven Promise Internship Research mentor/supervisor <i>Yale University</i> Featured in: <i>“New Haven Promise Inspires New ‘Champions’ for the Environment”</i>	Summer 2018
Internship Program Research mentor <i>Smithsonian Environmental Research Center</i>	Summer 2016

Professional Service

Reviewer for <i>Journal of Geophysical Research: Global Biogeochemical Cycles</i>	2020 –
YSE PhD Anti-Racism Network (YARN)	2020 –
Yale Graduate Student Assembly (GSA) Representative	2019 –
Yale Graduate Student Health Advisory Committee	2019 –
YSE Student Affairs Committee Member, Student Life Division	2018 – 2019
YSE PhD Student Interest Group (SIG), Co-chair	2018 – 2019

Professional Affiliations

Association for the Sciences of Limnology and Oceanography