Laura Logozzo
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Education

PhD	Yale School of Forestry and Environmental Studies	Started 2017
	Advisor: Dr. Peter Raymond; Focus: riverine dissolved organic carbon and iron dynamics	
MS	CUNY City College, Earth and Atmospheric Sciences	May 2017
	Advisor: Dr. Maria Tzortziou; Focus: bioavailability of wetland dissolved organic carbon	
BS	Macaulay Honors College at CUNY City College, Earth and Atmospheric Sciences	May 2015

Research Experience & Projects

Watershed Rules of Life (WROL) Project, *Yale University & Rocky Mountain Biological Lab* Aug 2019 to *present*
Supervisor: Dr. Peter Raymond and Dr. Byron Crump
- Sample the Connecticut River, East River, Taylor River, and Gunnison River watersheds
- Sample for DNA/RNA, bacterial cell counts, dissolved organic matter, nutrients, respiration, TSS and chlorophyll

PhD Student, *Yale School of Forestry and Environmental Studies* Aug 2017 to *present*
Supervisor: Dr. Peter Raymond
- Investigate dissolved organic matter (DOM) and iron dynamics in the Connecticut River

Visiting Student, *ETH Zürich, Lab of Tim Eglinton* May 2019
Supervisor: Dr. Peter Raymond
- Prepare DOC samples for ^{14}C analysis using wet chemical oxidation

Master's Student, *CUNY City College* Sep 2015 to May 2017
Supervisor: Dr. Maria Tzortziou
- Determine bioavailability of DOM from marshes in Chesapeake Bay
- Participate in MarshCycle, supported by NASA's Carbon Cycle and Ecosystems Program

Research Fellow, *Smithsonian Environmental Research Center (SERC)* Jun 2016 to Aug 2016
Supervisors: Dr. Patrick Neale, Dr. Patrick Megonigal, and Dr. Maria Tzortziou
- Perform bacterial incubations on DOM from various locations within the Rhode River

Research Intern, *Smithsonian Environmental Research Center (SERC)* 2015 to Aug 2015
Supervisor: Dr. Patrick Neale
- Measure and calculate DIC and DOC fluxes at the Kirkpatrick marsh/Rhode River interface
- Participate in MarshCycle, supported by NASA's Carbon Cycle and Ecosystems Program

Undergraduate Research Assistant, *CUNY City College* Jan 2014 to May 2015
Supervisor: Dr. Pengfei Zhang
- Analyze the effects of commonly-used antibiotics on nitrogen cycling in soils

Undergraduate Research Assistant, *CUNY City College* May 2014 to Apr 2015
Supervisor: Dr. Steven Kidder
- Model the concentration of titanium in metachert samples from the Alpine Fault, New Zealand

REU Researcher, *University of New Hampshire & Abisko Naturvetenskapliga Station* Jun 2014 to Aug 2014
Supervisors: Dr. Ruth Varner and Dr. Joel Johnson
- Sample 20 lakes in the Stordalen Mire, Sweden, and analyze lake water for dissolved methane and DIC

Teaching & Mentoring

Teaching Fellow, *Watershed Cycles and Processes, Yale University* Fall 2019
Teaching Fellow, *Multivariate Statistics for the Environmental Sciences, Yale University* Spring 2019
Research mentor/supervisor, *New Haven Promise Internship, Yale University* Jun to Aug 2018
Featured in: *"New Haven Promise Inspires New 'Champions' for the Environment"* By Joshua Anusewicz
Research mentor, *Smithsonian Environmental Research Center Internship Program* Jun to Aug 2016

Fellowships & Grants

NASA CT Space Grant Oct 2019
Yale Institute of Biospheric Studies (YIBS) RFP Grant Jan 2018
Smithsonian Graduate Student Fellowship Jun 2016 (*10 weeks*)
NOAA-CREST Graduate Student Fellowship Sep 2015 to May 2017

Committees & Organizations

Student Health Advisory Committee Oct 2019 to *present*
Graduate Student Assembly (GSA) Representative Sep 2019 to *present*
F&ES Student Affairs Committee, Student Life Division Dec 2018 to Dec 2019

Publications & Presentations

Logozzo, L., Tzortziou, M., Neale, P. *In prep*. Photochemical and microbial degradation of colored dissolved organic matter exported from tidal marshes.

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.

Aho, K., Fair, J., Hosen, J., Kyzivat, E., Logozzo, L., Weber, L., Yoon, B., Raymond, P. *In review. Distinct concentration-discharge dynamics: CO2 and N2O exhibit chemostasis while CH4 exhibits dilution.* Water Resources Research.

Logozzo, L., Raymond, P. 2019. *The Coupled Cycling of Dissolved Iron and Dissolved Organic Matter in the Connecticut River*. Poster. Yale F&ES 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