

## Education

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

## Research Experience & Projects

Watershed Rules of Life (WROL) Project, <i>Yale University &amp; Rocky Mountain Biological Lab</i>	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, <i>Yale School of Forestry and Environmental Studies</i>	Aug 2017 to present
Supervisor: Dr. Peter Raymond	
▪ Investigate dissolved organic matter (DOM) and iron dynamics in the Connecticut River	
Visiting Student, <i>ETH Zürich, Lab of Tim Eglinton</i>	May 2019
Supervisor: Dr. Peter Raymond	
▪ Prepare DOC samples for <sup>14</sup> C analysis using wet chemical oxidation	
Master's Student, <i>CUNY City College</i>	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, <i>Smithsonian Environmental Research Center (SERC)</i>	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, <i>Smithsonian Environmental Research Center (SERC)</i>	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, <i>CUNY City College</i>	Jan 2014 to May 2015
Supervisor: Dr. Pengfei Zhang	
▪ Analyze the effects of commonly-used antibiotics on nitrogen cycling in soils	
Undergraduate Research Assistant, <i>CUNY City College</i>	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, <i>University of New Hampshire &amp; Abisko Naturvetenskapliga Station</i>	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, <i>Watershed Cycles and Processes, Yale University</i>	Fall 2019
Teaching Fellow, <i>Multivariate Statistics for the Environmental Sciences, Yale University</i>	Spring 2019
Research mentor/supervisor, <i>New Haven Promise Internship, Yale University</i>	Jun to Aug 2018
Featured in: " <a href="#">New Haven Promise Inspires New 'Champions' for the Environment</a> " By Joshua Anusewicz	
Research mentor, <i>Smithsonian Environmental Research Center Internship Program</i>	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.
- 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