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## Education

- Present **Ph.D. Student**, *Columbia University*, New York, NY.  
Earth and Environmental Engineering Department
- 2015 **M.S.**, *Columbia University*, New York, NY.  
Earth and Environmental Engineering Department
- 2012 **B.S., Civil Engineering**, *SUNY-Buffalo*, Buffalo, NY.  
Summa Cum Laude
- 2012 **B.A., Mathematics**, *SUNY-Buffalo*, Buffalo, NY.  
Summa Cum Laude

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## Publications and Presentations

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- [1] David J. Farnham and Joseph F. Atkinson. "Flow visualization study: Understanding water circulation in Lake Ontario through physical modeling". In: *The 22nd Annual Great Lakes Research Consortium Student-Faculty Conference*. Oswego, NY, 2012.
- [2] David J. Farnham and Upmanu Lall. "Predictive statistical models linking antecedent meteorological conditions and waterway bacterial contamination in urban waterways". In: *Water Research* 76 (2015), pp. 143–159. DOI: 10.1016/j.watres.2015.02.040.
- [3] David J Farnham, Upmanu Lall, Hyun-Han Kwon, and James Doss-Gollin. "Moisture Transport and Extreme Precipitation in Mid-latitudes". In: *AGU Fall Meeting*. San Francisco, CA, 2015.
- [4] Emad. Habib, Madeleine Bodin, David Taboton, Madeline Merck, and David J. Farnham. "Stimulating Active Learning in Hydrology Using Research-Driven, Web-based Learning Modules". In: *ASEE Annual Conference & Exposition*. Seattle, WA, 2015.
- [5] Diana Hsueh, David J Farnham, Rebecca Gibson, Wade Randall McGillis, Patricia Jane Culligan, Caren Cooper, Lincoln Larson, Brian Justin Mailloux, Robert Buchanan, Nancy Borus, Nina Zain, Diana Eddowes, Lizzette Butkiewicz, and Steven A. Loiselle<sup>12</sup>. "Advancing the Potential of Citizen Science for Urban Water Quality Monitoring: Exploring Research Design and Methodology in New York City". In: *AGU Fall Meeting*. San Francisco, CA, 2015.
- [6] D. Y. Hsueh, D. J. Farnham, R. A. Gibson, W. R. McGillis, Y. Zheng, R. Buchanan, D. Eddowes, N. Zain, S. Loiselle, and L. Butkiewicz. "NYC URBAN WATER QUALITY: MONITORING THE FLOW OF CSOS WITH CITIZEN SCIENTISTS". In: *Aquatic Sciences Meeting*. Granada, Spain, 2015.
- [7] E. Habib, D. Tarboton, M. Deshotel, and D. J. Farnham. "Development of Student-centered Modules to Support Active Learning in Hydrology". In: *ASEE Annual Conference & Exposition*. New Orleans, LA, 2016.
- [8] Lincoln R. Larson, Caren B. Cooper, Katie Krafte, Rebecca Gibson, David Farnham, Diana Hsueh, Patricia Culligan, and Wade McGillis. "Characterizing citizen scientists based on project engagement: Data generators, data users, and "onlooker effects."" In: *Southeastern Recreation Research Conference*. Asheville, NC, 2016.

## Conference Papers

- [1] David J. Farnham and Joseph F. Atkinson. "Flow visualization study: Understanding water circulation in Lake Ontario through physical modeling". In: *The 22nd Annual Great Lakes Research Consortium Student-Faculty Conference*. Oswego, NY, 2012.
- [3] David J Farnham, Upmanu Lall, Hyun-Han Kwon, and James Doss-Gollin. "Moisture Transport and Extreme Precipitation in Mid-latitudes". In: *AGU Fall Meeting*. San Francisco, CA, 2015.
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