

Nicole T. Comfort

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Education

- 2016 – **Columbia University Mailman School of Public Health** (New York, NY)
Ph.D. Program in Environmental Health Sciences, anticipated Oct. 2021
Cumulative GPA: **3.842/4.0**
- 2016 – 2017 **Columbia University Mailman School of Public Health** (New York, NY)
M.A., Columbia University Graduate School of Arts & Sciences, Oct. 2017
- 2016 **Boston University School of Public Health (SPH)** (Boston, MA)
Non-degree coursework
Introduction to Toxicology, Foundations of Environmental Health
Cumulative GPA: **4.0/4.0**
- 2011 – 2015 **Northeastern University** (Boston, MA)
B.S., Behavioral Neuroscience, May 2015
Cumulative GPA: **3.985/4.0, summa cum laude, University Honors Distinction**

Work Experience

- 2018- **Graduate Research Assistant, Columbia University**
Department of Environmental Health Sciences
Primary advisor: **Dr. Andrea Baccarelli**
- 2016-2017 **Graduate Student Researcher, Columbia University**
Research rotations
Department of Genetics & Development
Advisors: **Dr. Timothy Bestor, Dr. Matthieu Boulard, Dr. Olya Yarychivska**
Project: Regulation of DNA Methyltransferase 1 (*DNMT1*)
Techniques: PCR, Bisulfite sequencing, Western blot, cell culture
- Department of Environmental Health Sciences**
Advisor: **Dr. Diane Re**
Project: Organophosphate toxicity in stem cell-derived motor neurons; examine potential common mechanisms for organophosphate-induced delayed neuropathy and amyotrophic lateral sclerosis (ALS)
Techniques: Primary cell culture, extracellular vesicle isolation from human brain tissue and mouse astrocytes, tissue sectioning, antibody staining of spinal cord tissue and neuromuscular junctions, slide mounting, motor neuron counting, imaging using flash cytometer and analysis using MetaMorph® to assess neuronal outgrowth