

Nathan Aaron Miller

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“Communication Strategies and Environmental Education”

EDUCATION

Duke University	Master of Environmental Management Coastal Environmental Management Concentration	Durham, NC Graduated December 2017
Columbia University	Post-Baccalaureate Certificate Evolution, Ecology, and Environmental Biology	New York, NY Completed May 2015
New York University	Bachelor of Fine Arts Film and Television Concentration	New York, NY Graduated May 2010

RELEVANT EXPERIENCE (4 Years)

Smithsonian National Museum of Natural History		Washington, D.C. 2018 (Current)
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- Volunteer/
Collection Support
- Duties Include:
- Offering educational and engaging experiences to visitors exploring the arthropods on display at the museum’s Insect Zoo and Butterfly Pavilion.
 - Handling live arthropod specimens for visitors to touch and hold, as well as conducting tarantula feedings - where visitors can learn and observe how a living tarantula eats.
 - Supporting the Mammals Division by maintaining the condition of items already in the collection and digitizing cetacean distributional records.

SEAL APPEAL: A naturalist’s guide to gray seal interpretation		Durham, NC 2017
Author	Authored and edited an educational guide that provides naturalists in New England with the best practices in interpretive communication that enhance engagement opportunities with ecotourists during seal-watching cruises.	

Nicholas School of the Environment, Duke University		Durham, NC 2015 - 2017
Graduate Student	Classes and Coursework Included: <ul style="list-style-type: none">• Conflict Resolution: Reviewed socioeconomic motivations driving stakeholder engagement during environmental negotiations.• Marine Mammals: Studied the behavior, biology, and conservation history of various marine mammal throughout the world’s oceans.• Marine Climate Change: Examined the effects of climate change on marine ecosystems. Presented a climate analysis of CO₂ models for the 21st Century.	

Nicholas School of the Environment, Duke University		Durham, NC 2015 - 2017
Communications Assistant	Generated digital content and managed media projects for the Nicholas School’s communications office. Coordinated shoots for video abstracts and prepared articles highlighting Duke research for online distribution.	

Center for Research on Environmental Decisions (CRED), Columbia University		New York, NY 2014 - 2015
Research Assistant	Oversaw social media strategy by generating text, video, and photos for regularly scheduled Twitter and Facebook posts. Tracked online traffic via Google Analytics to evaluate and grow the online reach of CRED research. Edited citations for CRED’s guide to climate change communication.	

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ADDITIONAL EXPERIENCE (5 Years)

League of Conservation Voters (LCV)

**Washington, D.C.
2016**

Communications Intern Advised the development of new approaches digital content production. Offered logistical support to the communications team by translating LCV positions into clear messages formatted for heightened visibility on various social media platforms.

“Wetland Resilience in North Carolina Symposium”

**Durham, NC
2016**

Co-Planner Handled technical and digital media logistics - from projection maintenance and event photography to social media and press messaging - for a day long conference on wetland conservation.

Columbia University

**New York, NY
2014 - 2015**

Post-Bac. Student Classes and Coursework Included:
• **Coastal and Estuarine Ecology:** Reviewed the physical, biological, and chemical characteristics that define riverine, intertidal, and marine habitats.

Trinity Place Shelter

**New York, NY
2012 - 2013**

Volunteer Coordinator Coordinated volunteer-related activities for an LGBTQ homeless shelter in Manhattan’s Upper West Side. Planned and oversaw volunteer recruitment and trainings, and assigned cooking as well as overnight monitoring duties. Maintained networks of community leaders to grow social/financial support.

Breaking Ground - Street to Home Brooklyn/Queens

**New York, NY
2011 - 2013**

Housing Advocate Prepared and maintained housing applications for homeless persons in New York seeking permanent supportive housing. Provided social services to homeless persons, including assistance with recovering government identification to finding and gaining legitimate income streams. Engaged community leaders throughout Queens to make homeless services more accessible in their neighborhoods.

ADDITIONAL INFORMATION

Publications: Drew, J., López, E. H., Gill, L., McKeon, M., Miller, N., Steinberg, M., ... & McClenachan, L. (2016). “Collateral damage to marine and terrestrial ecosystems from Yankee whaling in the 19th century.” *Ecology and Evolution*, 6(22), pp. 8181-8192.

Conferences: “2nd International Marine Science Communication Conference” - Bruges, Belgium, December 6-7, 2016
“Wetland Resilience in North Carolina Symposium” - Durham, NC, March 4, 2016

Technology: Microsoft Office, Adobe Creative Cloud, HTML Coding, Social Media Software, ArcGIS

Societies: Member of the National Marine Educator’s Association