

Carol Adrienne Smith



Education:

- Masters of Chemical Life Science University of Maryland, College Park
- Bachelor of Arts University of California at Berkeley

I am a native of Long Island, New York. Her Bachelor of Arts in Integrative Biology was awarded from the University of California Berkeley, and her Master's in Chemical Life Sciences (2017) was awarded from the University College Park, Maryland. In September 2020, she became an Environmental Ph.D. student with the Morgan State University graduate division.

I became an Environmental Ph.D. student at Morgan State University Pearl laboratory, specializing in *Chrysora Chesapeakei*, Moon Jellies, Lion's mane, and the *mnemiopsis leidyi*.

I have international publications regarding her studies of microplastics and contaminants in the *Chrysora Chesapeakei*. In 2022, I spoke on WNPR radio about her microplastic research with Jellyfish. See here [Morgan State looks to solve a diversity' pipeline problem' in environmental sciences | WYPR](#). I have several newspaper articles about my research at Pearl MSU. See here [Carol Smith, microplastics researcher | | bayjournal.com](#) In 2023, my first peer-reviewed manuscript was accepted for publication in 2023. I was first place in a science graduate researcher presentation at Morgan State

University. I was also a selected scientific researcher presenter at the Mid-Atlantic Regional Council on Ocean (MARCO) summit in December 2023 on her jellyfish research and contaminants [2023 Mid-Atlantic Marine Debris Summit - Mid-Atlantic Regional Council on the Ocean \(MARCO\) \(midatlanticocean.org\)](#)

My hobbies include classical music, martial arts, cycling, and aerobic exercise. She is a robust and relentless advocate for civil rights. Upon graduation, I plan to establish techniques to reduce marine and environmental pollution significantly.

Publications and public presentations (copyright protected):

Carol A Smith (Selected presenter) for Mid Atlantic Regional Council on the ocean (MARCO) at the Marine Debris Summit on December 6, 2023, The high content of degraded microplastics and volatile organic contaminants (VOCs) found in the *Chrysaora chesapeakei* of the Chesapeake Bay, MD, and its relationship to the aquatic food web. Authors: Carol Adrienne Sauls-Smith, Natalie Drichko, Chunlei Fan, Samuel Mandal, Saroj Pramanik\*

Carol A Smith, Frank Denaro, Chunlei Fan, and Sarjo Pramanik “The effective use of the inexpensive LED microscope with Rhodamine Blue staining to identify microplastics.” January 2023 *Microscopy Today*

Carol Smith (presenter) April 1, 2022, The occurrence of microplastics in *Chrysaora chesapeakei* in the Patuxent River, Maryland, authors: \*Carol Adrienne Sauls-Smith, Saroj Pramanik, Natalie Drichko, Chunlei Fan. Science Symposium Morgan State University, Baltimore MD, 21251