

CAMERON W. MURPHY

161 Wharton Row, Groton, MA 01450
(978) 302-5942 CAMMURPHY161@GMAIL.COM
[linkedin.com/in/cameron-murphy-58554299](https://www.linkedin.com/in/cameron-murphy-58554299)

EDUCATION

- University of New Hampshire**, Durham, NH August 2019
Master of Science in Oceanography, GPA 3.63
Relevant coursework: Chem., Bio., Physical., Geo. Oceanography, Fisheries Biology, Design of Ocean Structures
- Clarkson University**, Potsdam, NY May 2017
Bachelor of Science, Mechanical Engineering. GPA 3.5
Dean's List: Fall 2013, Spring 2014, Spring 2015, Spring 2017
Clubs: Scuba; Archery; Kendo; Laser Tag
Environmental Science Graduate Program, August 2017-December 2017
- Worcester Polytechnic Institution**, Worcester, MA Summer 2015
Summer courses in thermodynamics and fluid mechanics

ENGINEERING & RESEARCH EXPERIENCE

- Massachusetts Ocean Acidification Commission**, Boston, MA November 2019 – Present
- Collect and review various research papers regarding Ocean Acidification and actions taken to date for submittal to the Committee as reference material
 - Attend meetings of the Commission
- Academic Research**, University of New Hampshire January 2018 – August 2019
- Researched and wrote project introduction paper and presented on the Long-Term Effects of Temperature and Salinity on pH in Estuarine Environments
- Academic Projects**, Clarkson University August 2013 – May 2017
- Researched and collaborated with team to build device to send piece of folded paper to a designated target
 - Researched and collaborated with team to build model car that would protect "egg" passengers in a crash
 - Wrote calculus paper proving the Quadrature of a Lune Theorem
 - Wrote calculus paper explaining the derivation of the Holling's Disc Equation
- Bomis Inc.** Groton, MA May 2017 – August 2017, January 2020 – Present
- Assisted in research and development of formulas for organic and all-natural spa products minimizing harmful ingredients while maintaining health benefits
 - Researched and chose container options for storage of all products to meet business expectations
 - Drafted packaging labels for all products to be sold in the retail markets
 - Performed errands and other maintenance duties such as painting, cleaning, and assembly
- National Grid**, Waltham, MA May 2016 – August 2016
- Assisted senior engineers reviewing system operating procedures before approving them to field workers
 - Assisted in companywide audit to determine if payments were capital expenditures or expenses
- Nashua Fish Hatchery**, Nashua, NH August 2012
- Field research included clipping fins for marking and tracking North Atlantic Salmon to help preserve the species from dam endangerment
 - Cleaned adult salmon tanks and performed other maintenance duties
- Science Olympiad Tower Building**, High Mowing High School, Wilton, NH May 2012
- Constructed wooden tower with only balsa wood and glue that was as strong and light as possible while fitting within specific height and width parameters
 - Placed Third and won Bronze award in Science Olympiad Tower Building in New England Finals

ADDITIONAL EXPERIENCE

Beth Lindstrom for U.S. Senate Campaign, Needham, MA May 2018 – September 2018
Researched and wrote papers, conducted voter identification phone calls, performed other tasks as requested by campaign manager, served as superdelegate to the state convention

High Mowing High School, Wilton, NH Summer 2014
General maintenance and repair of school buildings and grounds

Loaves and Fishes, Devens, MA December 2011 – January 2012
Restocked shelves, sorted food, and cleaned floors at food pantry

Pie in the Sky Community Servings, Boston, MA November 2009 – Present
Sell and deliver approximately 30 pies annually during Thanksgiving raising \$500-\$750 to help feed critically ill and homebound people in Massachusetts

Skills & Certifications

MATLAB, Microsoft Word, Excel, PowerPoint

New Hampshire Safe Boating Certificate, PADI Open Water Diver Level 2 – Autonomous Diver Standard License