

AMBER DAWN BUTLER

Objective: Position on the Howard County Environmental Sustainability Board

Graduate of a top tier university with an understanding of Environmental Planning, Impacts, and Decision Making; Natural Resource Economics, Conservation, and Outreach; Aquaculture Management and Law; International Ocean Law and Policy; as well as Coastal Law, Environmental Policy, and Environmental Statistics.

EDUCATION

ROSENSTIEL SCHOOL OF MARINE AND ATMOSPHERIC SCIENCE at UNIVERSITY OF MIAMI
Coral Gables, FL

August 2017

- **Master of Science in Marine Ecosystems and Society**, with a focus in aquaculture

UNIVERSITY OF MIAMI

Coral Gables, FL

May 2014

- **Bachelor of Arts in Marine Affairs and Policy** **Thesis: Phytoremediation**
Minors: Ecosystems Science and Policy; Theatre Arts; and Studio Art

WORK EXPERIENCE

PRINCE GEORGE'S COUNTY PUBLIC SCHOOLS

LAUREL, MD

Science Teacher

Aug 2018-current

- Earth & Space curriculum, including curriculum for 504 and IEP students
- After school tutoring and enrichment for two dozen students
- Cyber Patriot competition team mentor for 5 teams grade 6th through 8th

MIAMI-DADE COUNTY PUBLIC SCHOOLS

MIAMI, FL

Science Teacher

May 2017-June 2018

- Taught 4 different subjects in 3 grade levels in secondary and high schools
- Professional development training and experience with SPED and ESOL students, and ETO school curriculum
- Actively participate in and promote school STEM events and programs with faculty and staff

ROSENSTIEL SCHOOL OF MARINE AND ATMOSPHERIC SCIENCE

MIAMI, FL

University of Miami Graduate Assistant

August 2014 – May 2017

- Organized data for over 200 students to help them succeed in each step of their 2 or 5 year academic program
- Processed over 1,700 application documents, annually, to produce folders that lead to admission
- Addressed needs and inquiries of prospective and current students to foster a sense of belonging

RED – RESPONSIBLE & EDUCATED DRIVERS

NATIONAL TOUR

Founder and Manager

December 2012 – Present

- Directly partnered with 20 state departments, police departments, driver safety programs to produce engaging safety fairs
- Proposed improvements for intersections with high accident rates with statistical success under state implementation
- Managed volunteers, resources, and designs to distribute over 2,100 educational material packets for national distribution

ALLIANCE FOR THE CHESAPEAKE BAY

ANNAPOLIS, MD

Designer - Restoring the Environment and Developing Youth

May 2014 – August 2014

Engineer - Restoring the Environment and Developing Youth

May 2013 – August 2013

- Oversaw inventory, health, and purchasing processes of all of the biological products that were used in the program
- Scheduled on-site meetings with State utilities and organic material suppliers for safe and cost effective work
- Expediently designed one dozen rain gardens by increasing production speed and facilitating many projects for multiple engineering teams throughout the season
- Re-engineered and maintained dozens of landscapes on private and public properties to maintain functioning designs
- Motivated work as a team member by problem solving to provide expedient solutions to improve the work flow

LEADERSHIP AND TEACHING

- Biscayne Bay Aquatic Preserves School Program 2016
- Women in Marine Science Public School Program 2015, 2017, 2018
- Bridgestone Teens Drive Smart Distracted Driving Guest Instructor 2014 – current
- University of Miami Community Traffic Safety Team Student Chair and Founder 2012 – 2017
- Women in Global Policy PLEN Seminar 2016

SKILLS

- Scientific Research and Writing, Aquaculture Systems, Creative Problem Solving
- On-Camera Experience, Public Speaking, Congressional Lobbying, Team Leadership
- Fundraising, Event Planning, Artistic Design, Volunteer and Team Leadership, Sponsorship Relations
- Microsoft Office; Google systems; Data Entry, Data Management, GIS, Prezi, Website Design, Social Media

CREDENTIALS AND LICENSES

- Earth & Space Science, General Middle Science, Biology Temporary Education Certifications 2017 - current
- Boating Safety Education I.D. 2016
- CPR-AED Certification 2013 - current
- SAG-AFTRA Union 2011 – current
- Current passport, Current Maryland Driver's License, U. S. Citizen

AWARDS AND HONORS

- Miss Earth United States National Top Interview Award Recipient, *Miss Earth USA Organization* 2018
- Miss Florida STEM Scholarship Award Recipient, *Miss America Organization* 2016
- Miss Florida Children's Miracle Network Fundraising Award, *Miss America Organization* 2016
- Miss Florida Quality of Life Service Award Honor, *Miss America Organization* 2016
- Rosenstiel Graduate Studies Office Service Award Recipient, *University of Miami* 2016
- Best Urban BMP in the Bay Award for Rain Garden Design, *Chesapeake Storm Water Network* 2015
- Clinton Global Initiative Summit Commitment Maker, *Clinton Global Initiative* 2015
- Who's Who Among Students in American Universities and Colleges Honor, *University of Miami* 2015
- Miss America Community Service Award and Scholarship, *Miss America Organization* 2014

RESEARCH, STUDIES, and SERVICE

- MISS EARTH and MISS AMERICA ORGANIZATION- *Titleholder* March 2013-January 2019
- Inspired marine conservation community service while performing sponsorship duties and mentoring 5 young girls
- CHILDREN'S MIRACLE NETWORK – *Fundraiser* January 2013- January 2017
- Fundraised over \$7,000 through individual fundraising efforts and assisted hospitals with annual fundraisers
- UNIVERSITY OF MIAMI EXPERIMENTAL HATCHERY – *Researcher* January 2013 – August 2017
- Operated hatchery maintenance, feed, cleaning, quality monitoring, and broodstock management duties while assisting with research projects and the production chain providing fish to Panama for advanced seafood production.
 - THESIS: The Relationship between Egg and Broodstock Size of Cobia as implications for Spawning Techniques in Aquaculture
- NATIONAL AQUARIUM - *Exhibit Guide* March 2008 – August 2011
- Donated over 350 hours to assisting thousands of guests while promoting conservation and outreach causes
- JOHNS HOPKINS APPLIED PHYSICS LAB – *Internship*
- False bottom floor engineering alternatives for Marine Mammal Medical pools Sept 2009- June 2010