

County Council of Howard County, Maryland

2019 Legislative Session


Legislative day # 3

RESOLUTION NO. 10 - 2019

Introduced by: Chairperson at the request of the County Executive

A RESOLUTION confirming the appointment of Amber Dawn Butler to the Environmental Sustainability Board.

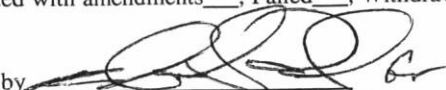
Introduced and read first time on February 4, 2019.

By order   
Jessica Feldmark, Administrator to the County Council

Read for a second time and a public hearing held on February 19, 2019.

By order   
Jessica Feldmark, Administrator to the County Council

This Resolution was read the third time and was Adopted , Adopted with amendments , Failed , Withdrawn  by the County Council on March 4, 2019.

Certified by   
Jessica Feldmark, Administrator to the County Council

NOTE: [[text in brackets]] indicates deletions from existing language; TEXT IN SMALL CAPITALS indicates additions to existing language. ~~Strike out~~ indicates material deleted by amendment; Underlining indicates material added by amendment.



# 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.

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## EDUCATION

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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**

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## WORK EXPERIENCE

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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 6<sup>th</sup> through 8<sup>th</sup>

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

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## 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

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CE 10 - 2019

Dear esteemed County Council members,

I would like to thank our County Executive, Calvin Ball, for submitting my name to serve on the Howard County Environmental Sustainability Board. Environmental Sustainability means so much to me that I studied it for 7 years in college, got two degrees, and I have spent the last 15 years volunteering in the field. I love "Mother Nature", but we all know that she is suffering. Lending a hand, with the knowledge that I have attained, is the least that I can do to help our beautiful county, and even our state.

About myself: I am the current Miss Maryland Earth, and a middle school science teacher. I started the flagship recycling program at our school, and I take part in teaching the Stem club and the Environmental Club. While living in Florida, I taught mangrove restoration for the Biscayne Bay Aquatic Preserves during my time as Miss Florida Everglades, with Miss America. I am a mom to 5 fish tanks, and I drive a FlexFuel vehicle, to and from school, to practice what I preach. I worked, and fundraised, for the Alliance for the Chesapeake Bay for two years, where I even received a Best "Urban BMP in the Bay" Award for one of my rain garden designs, at a Howard County apartment complex. I volunteered at the National Aquarium for 4 years teaching people, from around the globe, about our beautiful bay. While volunteering, I attended a Top 50 private university, the University of Miami. Sorry Terps fans, I'm a Hurricane. My undergraduate studies were in Marine Affairs and Policy with a minor in Ecosystem Science and Policy, and my Master's studies were in Marine ecosystems and Society. I won the Graduate Studies Service Award for my volunteer work on, and off of, campus. I was chosen as a Clinton Global Initiative "commitment maker" for my undergraduate project in raingarden phytoremediation, and was chosen as one of 20 Women in Global Policy for the Public Leadership Education Network in DC. In 2015 I was named Who's Who Among Students in American Universities and Colleges. My dream job has always been to work on a panel as a policy maker, working to protect our fish and marine mammal stocks, and I would be honored to have this job here in Howard County, working with you, and for you. I believe that my background in service and education would serve me well to continue developing our county Green initiatives and Sustainability policies. I would like to thank Calvin Ball for always believing in me, and supporting the dreams, and goals, of young Howard County citizens. When you open doors for the next generation, you open doors for OUR future. Thank you for doing just that.

Amber Dawn Butler  
4056 Saint John's Lane  
Ellicott City, MD 21042  
301-310-3082

