

Education

- 2019 – Present **Certificate Program in Science, Technology and Public Policy**, University of Michigan, Ford School of Public Policy
- 2017 – Present **Ph.D. Student**, University of Michigan, Department of Ecology and Evolutionary Biology
- 2016 – Present **Hot Metal Bridge Post Baccalaureate Student**, University of Pittsburgh, Department of Biological Sciences.
- 2015 **Study Abroad Student**, Victoria University of Wellington, New Zealand, School of Biological Sciences
- 2012 - 2016 **B.S. (Magna Cum Laude) Biology (Minor: Chemistry)**, Howard University, Department of Biology.

Research Experience

- 2018- Present **Sustainability Without Borders Researcher, Kampala, Uganda**
Using data management and grant writing expertise to perform a social-life cycle assessment of the NGO, SPOUTS of Uganda, focused on social benefits, environmental health and safety and indigenous rights
- 2017-Present **Ph.D. Student, University of Michigan-Ann Arbor**
Co-advisors: John Vandermeer and Catherine Badgley
The Effect of Hurricane Damage on Ant-Anole Interactions in Puerto Rico (On going)
- 2016-2017 **Hot Metal Bridge Post Baccalaureate Student, University of Pittsburgh**
Principal Investigator: Dr. Walter Carson
Characterizing and quantifying the vertical dimension of plant diversity in tropical and temperate forests
Principal Investigator: Dr. Corinne Richards-Zawacki
Panamanian Golden Frog Population Response to *Batrachochytrium dendrobatidis* Post-Crash
- 2016 **Organization of Tropical Studies Graduate Field Ecology Course: Skills for Science and Beyond, Costa Rica**
Instructors: Dr. Carissa Ganong and Dr. Andrew Mehring
- 2013-2016 **Research Assistant, Howard University & Museum of Natural History's Southwestern Research Station**
Principal Investigators: Dr. Mary McKenna & Dr. George Middendorf
Modeling Influence of Canyon Structure & Sunlight Availability on Habitat Preference of Yarrow's Spiny Lizard (*Sceloporus jarrovi*)

Presentations

- Talk:** Global Food Systems and Agriculture at the COP. University of Michigan, Climate Blue COP24 2019 Symposium. Ann Arbor, MI.
- Talk:** Panamanian Golden Frog Population Response to *Batrachochytrium dendrobatidis* Post-Crash. 2017 University of Pittsburgh Rotation Talk. Pittsburgh, PA.
- Talk:** The distribution of vascular plant diversity in mature forest profiles: a Neotropical versus temperate forest comparison. 2016 University of Pittsburgh Rotation Talk. Pittsburgh, PA.

Talk: The Influence of Sunlight Availability on the Habitat Selection by *Sceloporus jarrovii* (Yarrow's Spiny Lizard). 2016 Howard University Research Symposium. Washington D.C.

Talk: The Influence of Sunlight Availability on the Habitat Selection by *Sceloporus jarrovii* (Yarrow's Spiny Lizard). 2016 ESA Mid-Atlantic Conference. Kutztown, PA.

Talk: Breaking the Silence: A Discussion about the Divestment at HBCUs. 2016 HBCU Climate Change Conference. New Orleans, LA.

Funding & Scholarships

2019	Rackham Conference Travel Grant, University of Michigan (\$800)
2018	Climate Blue Conference of Parties Travel Grant, University of Michigan (\$752.17)
2018	Rackham Professional Development Grant, University of Michigan (\$400)
2018	Rackham Graduate Student Research Grant, University of Michigan (\$1500)
2018	Dr. Nancy Williams Walls Award for Field Research, University of Michigan (\$1353)
2016	Rackham Science Award, University of Michigan (\$283,052)
2016	OTS Field Ecology Course Grant, University of Pittsburgh (\$2,800)
2016	Hot Metal Bridge Program, University of Pittsburgh (\$22,692)
2016	HBSciU Science Writing Fellowship, HBSciU Editors (\$2,600)
2014	Environmental Biology Scholars Research Fellowship, Howard University (\$30,000)
2013	College of Arts & Sciences General Scholarship, Howard University (\$5,089)

Teaching Experience

2019	Graduate Student Instructor, Introduction to Ecology and Evolutionary Biology BIO171, University of Michigan
2017	Graduate Student Instructor, Intro Biology Lab BIO 173, University of Michigan
2015	Debate Instructor/Mentor, Carbon Pricing, University of Chicago (Victory Briefs)
2014-2013	Teaching Assistant, Tech Writing Pre-Professional ENGL 009, Howard University

Professional Development

2018	EvoBites Editor Revising, consolidating and maintaining entries to a reader's digest for research on Evolutionary Biology
2016	Freelance Science Writer – HBSciU Editors Investigated and reported on issues concerning environmental justice and climate change in the U.S.
2016	D.C. District Leadership Program – Office of the Mayor (Office of Labor Relations and Collective Bargaining) Intern Statistically assessed D.C. housing market for NEAH Program to bring D.C. employees back into the tax base. Statistically assessed all D.C. labor relations cases for the fiscal year
2016	Operation HOPE – Government Relations and Collective Bargaining Intern Attended and spoke at White House Big Table Roundtables as a representative of Operation HOPE, Inc. Increased the amount of programs available for disenfranchised populations to access financial literacy education as it relates to food deserts with the Chief of Government Relations for PROJECT 5117

Popular Press

White, A. "They Don't Accept the Fact That It Is Climate Change" *HBSciU*. HBSciU Editors, 23 Sept. 2016. Web.

White, A. "HBCUs Opt for Sustainability" *HBSciU*. HBSciU Editors, 15 Aug. 2016. Web.

White, A. "A Climate for Divestment" *HBSciU*. HBSciU Editors, 15 Aug. 2016. Web.

Affiliations/Memberships

2018 – Present **American Association for the Advancement of Science** – member of the Program for Excellence in Science

2016 – Present **National Association of Science Writers** – Submit monthly articles on science-related current issues to hbsciu.com

2014 – 2016 **Ecological Society of America SEEDS, Howard University President** - Led Anacostia River Clean Up, organized science fair with H.U. Middle School of Mathematics and Science

Outreach & Community

2018 – Present **Climate Blue Director, University of Michigan**
Helped to develop and manage a suite of community outreach events educating local communities about the politics behind international climate finance and procedure

2017 – Present **Ecology Day (EcoDia) Committee, University of Michigan and Finca Irlanda, Mexico**
Helped to design an interactive program for local school children (K-8) near Finca Irlanda with a goal of introducing the elements of field ecology and experimental design

2017 – Present **BioBlitz Fundraising Committee, EEB, University of Michigan**
Organizing the funding for educational outreach event introducing underrepresented students to ecology, conservation, evolutionary biology and an array of career paths associated within these disciplines

2015 – Present **HBCU Climate Change Initiative, Deep South Center for Environmental Justice – Chapter Delegate**
Orchestrated fundraising for Howard University participation in Peoples Climate March and COP 21. Invited to and participated in various panel discussions and interviews at Conference of the Parties 21 in Paris. Presented research on HBCU divestment from fossil fuel companies HBCU 4th Annual Climate Conference

2015 **Victoria University of Wellington, New Zealand, Disability Assistance Department – Scribe**
Attended courses on behalf of disabled individuals as a scribe

Conferences

2019 New Horizons in Conservation Conference, Chicago, IL

2018 United Nations Climate Change Conference/Conference of Parties 24, Katowice, Poland

2016 University of Pittsburgh Forest Symposium, Powdermill Nature Reserve, PA

2016 Science Writers Conference 2016, San Antonio, TX

2015 HBCU Climate Change Conference, New Orleans, LA

2015 United Nations Climate Change Conference/Conference of the Parties 21, Paris, France

2015

ESA Mid-Atlantic Meeting, Kutztown, PA

Specializations

Languages: English (Native) | Spanish (Limited Working Proficiency) | Swahili (Limited Working Proficiency)

Statistical Packages: R