

# Amanda Borth

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## Education

Doctor of Philosophy, Communication (Science Communication), George Mason University,  
*expected* August 2023

Advisor: Dr. Christopher Clarke

Bachelor of Arts, magna cum laude, International Studies (Environmental Sustainability and  
Global Health), American University, Washington, D.C., 2018

Honors Thesis: [A Changing Democratic Climate: The current rise of right-wing populism  
and its implications on environmental democracy in the U.S. and Germany.](#)

Advisor: Dr. Cynthia Miller-Idriss

## Professional Appointments

**Graduate Lecturer, Department of Communication, George Mason University, Fairfax,  
VA, January 2020-Present**

- Instructor of record for COMM 101: Fundamentals of Communication

**Graduate Research Assistant, Center for Climate Change Communication, George Mason  
University, Fairfax, VA, August 2019-Present**

- Survey development and data analysis for a national survey of broadcast meteorologists
- Coding qualitative data on climate change reporting

**Project Coordinator, Forum for Climate Engineering Assessment, American University,  
Washington, DC, October 2018-August 2019**

- Managed and conducted administration in a university setting for five privately funded research grants totaling \$800,000
- Built and used databases for financial and programmatic development
- Engaged multiple stakeholder audiences through event coordination in the US and abroad

**Project Coordinator, Institute for Carbon Removal Law and Policy, American University, Washington, DC, October 2018-August 2019**

- Assisted with tasks in conjunction with sister institution, the Forum for Climate Engineering Assessment

**Program Coordinator, Forum for Climate Engineering Assessment, American University, Washington, DC, May 2018-October 2018**

- Assisted in financial administration, research, communication, and event coordination

**Lead Explainer (Museum Educator), Smithsonian National Air and Space Museum, Washington, DC, June 2016-October 2018**

- Innovated practices and programs in collaboration with staff, Lead Team, and Senior Educators
- Designed 3-hour trainings for up to 12 staff members
- Tracked payroll for 80+ staff, conducted interviews, and developed daily schedules
- Trained and evaluated staff on science communication techniques and educational content

**Explainer (Museum Educator), Smithsonian National Air and Space Museum, Washington, DC, October 2014-June 2016**

- Communicated science content to diverse audiences with varied education levels
- Presented interactive demonstrations to up to 300 visitors in a day
- Facilitated interactive video conferences for elementary school classrooms of 25 students

**Research Fellow, Climate Institute, Washington, DC, August 2017-April 2018**

- Organized and planned event that informed 100+ stakeholders about flagship initiative
- Co-edited an 80+ page policy report and a strategic planning document
- Developed outreach strategies and materials in collaboration with staff and partners
- Acquired new partners from Capitol Hill, industry, and non-profit sectors

**Intern, United States House Committee on Science, Space, and Technology, Washington DC, September 2016-December 2016**

- Revised and edited staffs' writing
- Synthesized information on sea levels for Subcommittee on Environment

**Intern, Congresswoman Barbara Comstock (R-VA), Washington D.C., March 2016-May 2016**

- Drafted letters on behalf of Rep. Comstock's office
- Addressed public concerns via phone

**Publications (\*Peer-reviewed)**

**Borth, A.** (2019). Sixth International Geoengineering Governance Summer School: A Student's Reflection featured by the Institute for Carbon Removal Law and Policy [Blog Post]. <https://research.american.edu/carbonremoval/2019/10/03/sixth-international-geoengineering-governance-summer-school-a-students-reflection/>

Kotcher, J. E., Adebayo, A., Nelson, **A.**, **Borth**, A., Maibach, E., Rosenthal, S., Leiserowitz, A. (2019). Do Americans understand how air pollution from fossil fuels harms health? Yale University and George Mason University. New Haven, CT: Yale Program on Climate Change Communication.  
<https://climatecommunication.yale.edu/publications/do-americans-understand-how-air-pollution-from-fossil-fuels-harms-health/>

\***Borth, A.** (2018). A Changing Democratic Climate: The current rise of right-wing populism and its implications on environmental democracy in the U.S. and Germany. *Proceedings of the National Conference on Undergraduate Research 2018*, 220-229.  
<http://www.ncurproceedings.org/ojs/index.php/NCUR2018/article/view/2488/1333?fbclid=IwAR3nXVvGhPN9vwhFC2b1jeDEdDl6pyQdB1grHYgUxLnZyoBAI6Gxnjd5eHw>.

\***Borth, A.** (2018). Understanding Global Sustainable Development Discourse within Eco-labeled Companies. *Clocks and Clouds – American University’s Undergraduate Research Journal*, 8, 17-51.

Climate Institute, (2017). North American Supergrid – Transforming Electricity Transitions. B. Fowler, R. Baum, **A. Borth**, R. Levine, & J. McBee (Eds.).  
<http://cleanandsecuregrid.org/wp-content/uploads/2017/12/North-American-Supergrid.pdf>.

## **Presented Research**

**Borth, A.** (2018, April 4-8). *A Changing Democratic Climate: The current rise of right-wing populism and its implications on environmental democracy in the U.S. and Germany* [Paper presentation]. National Conference on Undergraduate Research, Edmund, OK, United States.

**Borth, A.** (2018, April 25). *A Changing Democratic Climate: The current rise of right-wing populism and its implications on environmental democracy in the U.S. and Germany* [Paper presentation]. American University’s 21<sup>st</sup> Annual Undergraduate Research Symposium, Washington, United States.

**Borth, A.** (2016, June 8-11). *Understanding Global Sustainable Development Discourse within Eco-labeled Companies* [Poster presentation]. Association for Environmental Studies and Sciences Annual Conference, Washington, DC, United States.

**Borth, A.** (2016, April 22). *Understanding Global Sustainable Development Discourse within Eco-labeled Companies* [Poster presentation]. American University’s 19<sup>th</sup> Annual Undergraduate Research Symposium, Washington, United States.

**Borth, A.** (2016, April 19). *Understanding Global Sustainable Development Discourse within Eco-labeled Companies* [Poster presentation]. American University's Advanced International Studies Research Poster Conference, Washington, DC, United States.

## **Awards**

Phi Beta Kappa, Zeta Chapter

Best Research Paper, American University's 21<sup>st</sup> Annual Undergraduate Research Symposium, 2018

Exemplary Achievement in Original Research Award, American University's School of International Service, 2018

The Karl Popper Prize for National & Global Affairs, *Clocks and Clouds – American University's Undergraduate Research Journal*, 2018

Nominated for American University's Outstanding Scholarship Award, 2018

## **Service**

**Treasurer, Communication Graduate Student Association, George Mason University, Fairfax, VA, June 2020-Present**

- Manages financial affairs
- Participates in decision-making regarding graduate student politics and events by fostering an inclusive environment where students' voices can be heard

**Professional Development Coordinator, Communication Graduate Student Association, George Mason University, Fairfax, VA, September 2019-June 2020**

- Organize events to assist students with career success
- Participate in decision-making regarding graduate student policies and events

**Volunteer, Phoebe Waterman Haas Public Observatory, Smithsonian National Air and Space Museum, Washington, DC, December 2018-Present**

- Engage with museum visitors through inquiry-based learning to discover how we can all be astronomers
- Facilitate learning during off-site community outreach
- Work regularly with telescope equipment and observatory mechanics

**Selection Committee, Olson Scholars Program, American University, Washington, DC, 2019**

- Reviewed applications and determined, in accordance with the selection committee, students to admit to the program

**Co-Chair, 21<sup>st</sup> Annual SIS [School of International Service] Undergraduate Research Symposium, American University, Washington, DC, 2018**

- Organized volunteers and oversaw operations of the symposium
- Assisted in organizing 7 panels with 4 student researchers each

**Planning Volunteer, 19<sup>th</sup> Annual SIS [School of International Service] Undergraduate Research Symposium, American University, Washington, D.C., 2016**

- Evaluated abstracts
- Organized panels

### **Speaking Engagements**

*Special Programs Info Session for SIS Sophomores*, Invited Alumni Speaker, School of International Service, American University, Washington, D.C., June 2020.

*How to Talk About Climate Change: A Toolkit for Museum Educators*, Invited Presentation for Museum Docent Training on Climate Change, Smithsonian National Air and Space Museum, Washington, D.C., March 2020.

### **Supplementary Education**

Sixth International Geoengineering Governance Summer School, Banff, Canada, August 2019

FU-BEST Semester Abroad, Freie Universität Berlin, Berlin, Germany, January 2017-May 2017