

Anna E. George

(847) 848-1316 • aegeorge2@wisc.edu • 2120 University Ave., Apt. 406, Madison, WI, 53726

EDUCATION

Smith College, Northampton, Massachusetts, USA

Bachelor of Arts, May 2017; GPA: 3.86/4.0;

Major: Biological Sciences; Minor: Geosciences; Concentration: Climate Change

Honors Thesis: Investigating the distribution and diversity of rare endemic forest plant species in the eastern United States

University of Canterbury, Christchurch, New Zealand

Study abroad, Spring 2016

University of Wisconsin-Madison, Madison, Wisconsin, USA

Masters of Science student, Department of Geography, expected May 2020, GPA: 4.0/4.0

RESEARCH EXPERIENCE

University of Wisconsin-Madison, Madison, WI

Department of Geography, August 2018 – present

Developing Ice Age Mapper V2 (IAM), an interactive web map showing plant migration since LGM.

Ran user needs survey for IAM. Creating discussion activity for introductory earth systems

Geography course.

Smith College, Northampton, MA

Department of Biological Sciences

Summer Undergraduate Research Fellow, Summers 2015, 2016, 2017

Contributed to manuscript in preparation for *Ecological Monographs*. Performed database searches, data entry, and data analysis. Retrieved and organized state invasive species lists to compare invasiveness across states. Assisted in fieldwork finding specimens from herbarium records. Created and refined GIS maps of endemic forest plant distribution in eastern United States.

University of Canterbury, Christchurch, NZ

Department of Geography, February – June 2016

“Relationship between road accessibility and the outcomes of NZ Fur Seal road incidents” Reviewed literature on fur seal history & habitat. Mapped and did stats on road accessibility in GIS.

Smith College, Northampton, MA

Department of Biological Sciences

Special Studies Project, September - December 2015

Created GIS maps of endemic plant distribution in eastern United States. Reviewed literature on endemic plants and glacial history of region.

Smith College, Northampton, MA

Departments of Landscape Studies and Biology

Student Research in Departments Fellow, August 2013 – May 2015

Initiated project to document biodiversity at Field Station and methodically recorded organism sightings. Designed species database to share information with public.

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TEACHING EXPERIENCE

University of Wisconsin-Madison

Department of Geography

Teaching Assistant for GEOG/ENV 120: Introduction to Earth Systems, August 2019 – present

Teach four discussion sections with 70 students total. Prepare discussion section materials on atmosphere, extreme weather, and climate change.

PUBLICATIONS

Bellemare, J, et al. including A.E. George. (in preparation), “The distribution and diversity of endemic forest plants in the eastern United States reflects impacts of past climate change and influence of ecological traits.” *Ecological Monographs*.

George, A.E., Widell, S., Williams, J.W., and Roth, R.E., (in preparation), “Using Online Web-Mapping to Create Accessible Quaternary Ecology Visualizations.” *Open Quaternary*

GRANTS AND AWARDS

- WISCIENCE Public Service Fellow with concentration in Public Policy 2019-2020
- Best Student Poster, International Biogeography Society-Quito Meeting 2019
- Minnie Riess Detling Trust Award 2018-19
- University of Wisconsin-Madison Graduate School Fellowship 2018-19
- Amey Randall Brown Prize in Botany 2017
- Fulbright Research Grant Semi-Finalist 2017, France
- Summer Undergraduate Research Fellowship 2015, 2016, 2017
- Dean’s List 2014, 2015, 2017
- STRIDE Academic/Research Fellowship 2013-2017 (Granted to 50 students a year)

PRESENTATIONS

- “Using Online Web-Mapping to Create Accessible Quaternary Ecology Visualizations.” Presented at International Biogeographical Society-Quito Conference, August 2019
- “Investigating the distribution and diversity of rare endemic forest plant species in the eastern United States.” Presented at Smith College Student Research Conference, April 2017
- “Relationship between road accessibility and the outcomes of *Arctocepalus forsteri* road incidents.” Presented at Frontiers Abroad Earth Systems Research Symposium, June 2016
- “174 and counting: species diversity at the Ada and Archibald MacLeish Field Station.” Presented at Smith College Student Research Conference (SCSRC), April 2015
- “Determining shell characteristics that facilitate encrustation by *Homotrema rubrum* on San Salvador Island, Bahamas.” Presented at SCSRC, Apr. 2015
- “Plants and animals and fungi, oh my! Biotic diversity at the MacLeish Field Station.” Presented at SCSRC, April 2014

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COMMUNITY ENGAGEMENT

Smith College, Northampton, MA

Lead Strategist and Co-Chair of Outreach Committee, Divest Smith College, Fall 2013-Spring 2017

Co-directed campaign to divest fossil fuels for two years. Presented to Board of Trustees.

Engaged faculty and alumnae in conversation about fossil fuel divestment to encourage action. Organized climate justice rally and wrote articles for college and local papers.

MacLeish Field Station Intern, Fall 2015-Spring 2017

Led tours of Living Building and grounds, encouraging dialogue about local landscape and sustainable architecture. Planned events to improve student engagement at the Field Station.

Social Media Intern, Massachusetts Divest Now, Fall 2016-Summer 2017

Updated the MA Pension Fund Divestment Campaign Twitter feed, Facebook page, and newsfeed with current climate change, investment, and divestment news

Treasurer, Green Team, Fall 2014-Spring 2015

Applied for student government funding and created contracts for environmental justice speakers. Coordinated off-campus travel to 2010 People's Climate March in New York City