

Elliot Vaughan

University of Wisconsin Department of Geography
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EDUCATION

- Ph.D University of Wisconsin-Madison, Anticipated 2019. Geography. Advisor: Erika Marín-Spiotta.
- M.S. University of Wisconsin-Madison, 2016. Geography. Advisor: Erika Marín-Spiotta. Title: *Factors controlling soil carbon and nitrogen storage in Puerto Rico and the US Virgin Islands*
- B.A. Carleton College, Northfield, MN, 2011. Biology with minor in Spanish, *magna cum laude*. Senior thesis: *Post-fire carbon dynamics in boreal forest soils*

CONFERENCE TALKS

Vaughan, E., Marín-Spiotta, E., Matos, M., Ríos, S., and Santiago, C. Factors controlling soil carbon storage in Puerto Rico and the US Virgin Islands. *AGU Fall Meeting*. 2016

POSTER PRESENTATIONS

Vaughan, E., Cusack, D., McDowell, W., and Marín-Spiotta, E. Effects of nitrogen enrichment on soil organic matter in tropical forests with different ambient nutrient status. *AGU Fall Meeting 2017*

Vaughan, E. and Marín-Spiotta, E. Effects of land use and soil order on soil carbon storage in Puerto Rico. *AGU Virtual Poster Session*. 2015.

Ulrich, E., **Vaughan, E.**, and Chandra, S. Benthic macroinvertebrates in the NE Siberian arctic and their role in processing particulate carbon. *AGU Fall Meeting*. 2010.

TEACHING EXPERIENCE

Teaching Assistant:

2015, 2017 Geography 127: Physical Systems of the Environment, UW-Madison

2016 Geography 120: Introduction to the Earth System, UW-Madison

- 2014 Ecology Study Abroad: New Zealand and Australia, Carleton College
- 2011 Introductory Biology: Energy Flows and Systems, Carleton College
- 2011 Global Change Biology, Carleton College
- 2010 Introductory Biology: Genes, Evolution, and Development, Carleton College
- 2009-2011 Beginner and Intermediate Ice Hockey, Carleton College

Guest Lecturer:

- 2015, 2017 Physical Systems of the Environment, UW-Madison.
- 2016 Introduction to the Earth System

MENTORING

Undergraduate Research Scholars:

- 2015 Sanober Mirza
- 2017 Diana Tapía

Biology 152 Independent Project:

- 2017 Olivia Lopez

AWARDS AND HONORS

- 2017 Trewartha Graduate Research Award
- 2015 First Place, Graduate Student Virtual Poster Session, AGU Fall Meeting
- 2015 Trewartha Graduate Research Award
- 2014-2015 University of Wisconsin University Fellowship
- 2007-2011 National Merit Scholar
- 2010 Dean's List

RESEARCH EXPERIENCE

- 2012 Field Intern, Chronosequence Project, University of Puerto Rico,
Zimmerman Lab
- 2011 Field Intern, B4Warmed Project, University of Minnesota, Reich Lab
- 2010 Undergraduate Researcher, Polaris Project, Woods Hole Research Center,
advised by Dr. Sudeep Chandra and Dr. R. Max Holmes

SERVICE

- 2015-2017 Geography Grad Student Treasurer
- 2014-2017 Organizer/Co-Founder of Interdisciplinary Geography Grad Student Group

OUTREACH

- 2017 Guest speaker on careers in geography to 7th grade class at Pardeeville Middle
School, Pardeeville, WI
- 2017 Interviewer for *Edge Effects* podcast. Interviewed Dr. Megan Raby on her
book *American Tropics*

OTHER JOB EXPERIENCE

- 2008-2014 Trail Guide, YMCA Camp Widjiwagan, Ely, MN
- 2013 Outdoor Educator, YMCA Camp Widjiwagan, Ely, MN