

# EMILY N. SAMBUCO

Curriculum Vitae  
Autumn 2017

Department of Geography  
The Ohio State University  
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## EDUCATION

**M.A.** Geography, The Ohio State University, Expected Graduation: May 2019  
Dr. Bryan Mark, Advisor

**B.S.** Atmospheric Sciences, The Ohio State University, May 2017  
Environmental Science Minor

## AWARDS AND HONORS

**2017** Taaffe Award Recipient for Outstanding Atmospheric Science Students  
Department of Geography, The Ohio State University, Amount of \$1,000

**2014 – 2017** Dean's List, The Ohio State University

**2014** Second Year Transformational Experience (STEP) Fellowship Recipient  
Office of Student Life, The Ohio State University, Amount of \$2,000  
Dr. Georgianna Sergakis, Advisor

**2013 – 2017** Provost Undergraduate Scholarship Recipient  
The Ohio State University, Amount of \$10,000

## ACADEMIC RESEARCH

### *Field Work Experience*

**Summer 2017** Great Basin Research Expedition, Great Basin National Park, Nevada  
Research Topic: Climate variations over the last decade in Great Basin  
National Park, Dr. Bryan Mark, Advisor

### *Lab Work Experience*

**2015 – 2017** Grottoli Earth Science Laboratory, The Ohio State University  
Research Topic: Variability in Hawaiian coral protein reserves across  
natural temperature, pH, and flow gradients,  
Dr. Andrea Grottoli, Advisor

## GRANTS AND FELLOWSHIPS

- 2017** Rick Toracinta Graduate Fellowship in Atmospheric Science  
Byrd Polar and Climate Research Center, Amount of \$2,000, Applied but did not receive

## INVITED TALKS

- 2017** Guest Speaker, Ribbon Cutting Ceremony of Gary & Connie Innovation Commons  
Department of Geography, The Ohio State University

## CONFERENCE ACTIVITY

- 2018** Poster Presentation, Edward F. Hayes Graduate Research Forum  
Abstract Title: Climate variations over the last decade in Great Basin National Park  
Council of Graduate Students, the Graduate School, and the Office of Research  
The Ohio State University, March 2, 2018
- 2018** Poster Presentation, American Association of Geographers Annual Meeting  
Abstract Title: Climate variations over the last decade in Great Basin National Park  
New Orleans, LA, April 10-14, 2018

## PROFESSIONAL MEMBERSHIPS

- 2017 – Present** American Association of Geographers, Graduate Student Member  
Mountain Geography Specialty Group, East Lakes AAG Community

## ACADEMIC EMPLOYMENT

- 2017 – Present** **Graduate Teaching Associate**, Lab Instructor  
Department of Geography, The Ohio State University
- 2017** **Research Assistant** to Dr. Steven Quiring  
Department of Geography, The Ohio State University
- 2016 – 2017** **Education & Outreach Student Research Assistant**  
Byrd Polar and Climate Research Center, The Ohio State University  
Jason Cervenec, Supervisor
- 2013 – 2016** **Undergraduate Student Analyst**  
Office of Responsible Research Practices within the Office of Research  
The Ohio State University, Anthony Yonkura, Supervisor

## INTERNSHIP EXPERIENCE

- 2016** **Education Department Intern**, The Columbus Zoo and Aquarium

## **COURSES TAUGHT**

**2017 – Present**      Lab Instructor, Geography 1900 (Extreme Weather and Climate)  
Department of Geography, The Ohio State University  
Jim DeGrand, Professor

## **PROFESSIONAL AND PERSONAL DEVELOPMENT**

How to Succeed in Graduate School Seminar, OUAB and the Council of Graduate Studies  
The Ohio State University, August 27, 2017

Mapping in the Humanities Workshop, Research Commons and University Libraries  
The Ohio State University, September 14, 2017

Center for Open Science Workshop: Increasing Openness and Reproducibility in Quantitative  
Research, Research Commons and University Libraries  
The Ohio State University, October 24, 2017

## **SERVICE AND OUTREACH**

**2015 – 2017**      Meteorology Club Executive Board Member, Social Chair and Student Advisor  
The Ohio State University

**2015**              Meteorology Club Service Trip, New Orleans, LA

**2015 – 2016**      Buckeye TV Weather Broadcaster, Department of Theatre  
The Ohio State University

**2016**              The Lantern TV Freelance Journalist, College of Journalism  
The Ohio State University

## **TECHNICAL SKILLS**

Programming Languages: R and R Studio, Excel

Software: ArcGIS, InDesign, Adobe Illustrator, Final Cut, Google Earth

Websites: Drupal creation and editing, WordPress creation and editing

## **REFERENCES**

Dr. Bryan Mark, Faculty Member, Department of Geography, The Ohio State University

Email: [mark.9@osu.edu](mailto:mark.9@osu.edu), Phone: (614) 247-6180

Dr. Steven Quiring, Faculty Member, Department of Geography, The Ohio State University  
Email: [quiring.10@osu.edu](mailto:quiring.10@osu.edu), Phone: (614) 247-8222

Dr. Andrea Grottoli, Faculty Member, College of Earth Sciences, The Ohio State University  
Email: [grottoli.1@osu.edu](mailto:grottoli.1@osu.edu), Phone: (614) 292-5782

Dr. Jay Hobgood, Faculty Member, Department of Geography, The Ohio State University  
Email: [hobgood.1@osu.edu](mailto:hobgood.1@osu.edu), Phone: (614) 292-3999

Dr. Rachel Mauk-Johnson, Research Analytics Specialist, Ohio Colleges of Medicine  
Government Resource Center, Email: [Rachel.Mauk@osumc.edu](mailto:Rachel.Mauk@osumc.edu), Phone: (614) 292-2514

Jason Cervenec, Education & Outreach Director and Principal Investigator  
Byrd Polar and Climate Research Center, The Ohio State University  
Email: [cervenec.1@osu.edu](mailto:cervenec.1@osu.edu), Phone: (614) 688-0080

Jim Degrand, Senior Researcher, Department of Geography, The Ohio State University  
Email: [degrand.1@osu.edu](mailto:degrand.1@osu.edu), Phone: (614) 292-3133