

# Adam Sokol

Atmospheric Sciences-Geophysics (ATG) Building  
Box 351640, Seattle, WA 98105-1640

*email:* abs66@uw.edu

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## EDUCATION

### **The University of Washington** | *Seattle, WA*

M.S. in Atmospheric Sciences

2020

Ph.D. in Atmospheric Sciences

Expected 2023

### **Yale University** | *New Haven, CT*

B.S. with distinction in Environmental Engineering and Geology & Natural Resources

May 2017

Certificate in Energy Studies

Magna Cum Laude

## RESEARCH EXPERIENCE

### **University of Washington, Department of Atmospheric Sciences** | *Seattle, WA*

9/2018 – Present

Interactions between tropical clouds, radiation, and circulation.

Advised by Prof. Dennis Hartmann

### **University of Oslo, Department of Geosciences** | *Oslo, Norway*

3/2017 – 6/2017

Spatial scales of thermodynamic phase partitioning in mixed-phase clouds.

Advised by Prof. Trude Storelvmo

### **Yale University, Department of Earth & Planetary Science** | *New Haven, CT*

6/2015 – 5/2017

Model-observations comparison of upper tropospheric humidity and cirrus cloud microphysics.

Advised by Prof. Trude Storelvmo

### **Penn State University, Dept. of Meteorology & Atmos. Science** | *State College, PA*

5/2016 – 8/2016

Eddy covariance measurements of methane emissions from a dairy farm waste lagoon.

REU student advised by Dr. Thomas Lauvaux and Dr. Scott Richardson

## PUBLICATIONS

### **Refereed Publications**

Sokol, A.B. and D.L. Hartmann, 2020. Tropical Anvil Clouds: Radiative Driving Towards a Preferred State.

*Journal of Geophysical Research: Atmospheres*, 125, <https://doi.org/10.1029/2020JD033107>

### **Other Works**

Sokol, A.B. [What makes the wind?](#) *The Conversation*, 17 May 2020.

## FELLOWSHIPS, AWARDS & HONORS

Outstanding Student Presentation Award (OSPA), AGU Fall Meeting	2020
NASA FINESST Fellowship (Future Investigators in NASA Earth & Space Science & Tech.)	2020-2023
Univ. of Washington Joost A. Businger Endowed Fellowship in Atmospheric Sciences	2018
Yale Dept. of Earth & Planetary Science Pat Wilde Prize for excellence in oceanography	2017
Yale Dept. of Earth & Planetary Science Hammer Prize for outstanding senior thesis presentation	2017
Yale Environmental Engineering Prize for outstanding scholarship in the major	2017
Tau Beta Pi, the National Engineering Honors Society	2016
Yale Dept. of Earth & Planetary Science Von Damm Undergraduate Research Fellowship	2015 & 2016
Yale College Summer Environmental Fellowship	2015
Saybrook Summer Research Fellowship	2015

## CONFERENCES & PRESENTATIONS

Talk	Graduate Climate Conference   Remote	2020
Poster	American Geophysical Union   <i>San Francisco CA</i>	2019
Talk	PIRE-Cirrus Workshop   <i>Friday Harbor, WA</i>	2019
Attendee	Program on Climate Change Summer Institute   <i>Friday Harbor, WA</i>	2019
Attendee	Program on Climate Change Summer Institute   <i>Friday Harbor, WA</i>	2018
Poster	American Geophysical Union   <i>San Francisco CA</i>	2016

## SERVICE & ACTIVITIES

Graduate Student Representative for UW Dept. of Atmospheric Sciences	2019 – Present
UW Program on Climate Change Graduate Student Steering Committee	2019 – Present
Engineers Without Borders, Yale Student Chapter	2013-2017
Yale <i>Rumpus</i> Magazine (Editor-in-Chief 2015-2016)	2013-2017
Tour Guide, Yale School of Engineering and Applied Science	2015-2017
Energy Team Member, Yale Office of Sustainability	2014-2015

## OTHER EMPLOYMENT

Hiking Guide, Quetzaltrekkers of Guatemala   <i>Quetzaltenango, Guatemala</i>	2018
Trip Leader for Field Studies Patagonia, Overland   <i>Argentina &amp; Williamstown, MA</i>	2017