

Naomi Goldenson

408 Atmospheric Sciences–Geophysics (ATG) Building
Box 351640, Seattle, Washington 98195-1640
206-355-0479 | ngoldens@uw.edu

EDUCATION

Ph.D., Atmospheric Sciences, University of Washington, Seattle, WA Expected Fall, 2017
Dissertation: Quantifying the Influence of Large-scale Dynamics on Climate
Variability of Western North America
Advisors: Cecilia Bitz (UW) and Ruby Leung (Pacific Northwest National Lab)

M.S., Atmospheric Sciences, University of Washington, Seattle, WA 2012

M.S., Geological Sciences, Arizona State University, Tempe, AZ 2007

B.A., Physics with Honors, Certificate in International Relations, Wesleyan University, Middletown, CT 2005

PUBLICATIONS

Refereed Journal Articles

Goldenson, N., Doherty, S.J., Bitz, C.M., Holland, M.M., Light, B., Conley, A.J. (2012) *Arctic Climate Response to Forcing from Light-Absorbing Particles in Snow and Sea Ice in CESM*, Atmospheric Chemistry and Physics, 12, 7903-7920.

Manuscripts in Preparation

Goldenson, N., and A. Rhines. (2017) *Clustering of Sea Surface Temperature Variability Across the Community Earth System Model Large Ensemble*.

Goldenson, N., Mauger, G., Bitz, C.M., and Leung, L.R. (2017) *Small Ensembles of Climate Models Characterize Regional Variance as Well as a Large Ensemble of One Model*.

Goldenson, N., Leung, L.R., Bitz, C.M., and Blanchard, E. (2017) *Climatological Influence of Atmospheric River Events on Mountain Snow of Western North America*.

PROFESSIONAL EXPERIENCE

Graduate Researcher - Atmospheric Sciences, University of Washington. Climate Variability and Uncertainty Quantification. Western Regional Climate. 2015-present

Climate Scientist and Developer – Giant Army. Incorporated climate concepts into the educational simulator *Universe Sandbox*. Consulting on realistic graphics and scripting climate simulation. 2013-2014

Graduate Researcher - Atmospheric Sciences, University of Washington. Arctic Climate Modeling. 2009-2012

Community College Instructor - Physical Science, Mesa Community College, Mesa, Arizona. 2008-2009

Fulbright Fellow - Instituto de Astrofísica de Andalucía, Granada, Spain. 2007-2008

Graduate Researcher - School of Earth and Space Exploration, Arizona State University 2005-2007

ADDITIONAL EXPERIENCE

Martin Luther King County Labor Council Climate Caucus

Science Communication Fellow, volunteer at Pacific Science Center

College of the Environment Diversity Committee at University of Washington