

Jeffrey Daniel Auger

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Education

Ph.D.	School of Earth and Climate Sciences, U. Maine	Atmospheric Sciences	2016 – Present
M.S.	Climate Change Institute, University of Maine	Quaternary Sciences	2013 – 2016
B.S.	Metropolitan State University of Denver	Meteorology	2008 – 2013
B.S.	Metropolitan State University of Denver	Mathematics	2008 – 2013

Experience

Ice core processing of Kyrgyzstan ice core at Alfred Wagner Institute, Bremerhaven, Germany	November 2016
Mandela Washington Fellowship, Program Director	Summer 2016
Snow and ice core sampling on South Georgia Island	October 2015
Snow and ice core sampling on Mårmaglaciären, Sweden	April 2015
Storm track analysis and alert for Denver Metropolitan area, Urban Drainage and Flood Detection Center	2011 – 2013
Frozen precipitation rate observations to test deicing fluids, HSS Visibility, and Present Weather Sensor for Federal Aviation Association, University Corporation for Atmospheric Research	2011 – 2013

Publications and Presentations

- Auger, J. D., Birkel S. D., Maasch K. A., Mayewski P. A., & Schuenemann, K. C. 2017. Examination of precipitation variability in southern Greenland. *J. Geophys. Res. Atm.*, 122. DOI: 10.1002/2016JD026377.
- Auger, J. D., Birkel S. D., Maasch K. A., & Mayewski P. A. Storm Track Influence on West Greenland Snow Accumulation. Poster presented at: 47th American Geophysical Union Annual Meeting; December 2014.
- Auger, J. D., Maasch KA. Extratropical Cyclone Tracks and the Icelandic Low. Abstract presented at 22nd Harold W. Borns, Jr. Symposium Annual Meeting; 2014 Apr 17-18; Orono, ME, USA.
- Beers, T. M., P. A. Mayewski, A. V. Kurbatov, D. Dixon, N. Bertler, S. Birkel, T. Fudge, K. A. Maasch, J. Auger, M. J. Handley, J. E. Lee, E. J. Brook, and T. Blunier. 1150 year long ice core record of the Ross Sea Polynya, Antarctica. *Nature Communications*, submitted., 2015.
- Saros, J.E., Osburn, C.L., Northington, R.M., Birkel, S.D., Auger, J.D., Stedmon, C.A. & Anderson N.J. 2015. Recent decrease in DOC concentrations in arctic lakes of southwest Greenland. *Geophys. Res. Lett.*, 42: 6703-6709.
- Schwanck, F., Simoes, J.C., Handley, M.J., Mayewski, P.A., Auger, J.D., Bernardo, R.T., Aquino, F.E. 2017. A 125-year record of climate and chemistry variability at the Pine Island Glacier ice divide, Antarctica. *Cryosphere*, 11, 1537-1552.

Affiliations/Memberships

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American Meteorological Society	2008 – Present
American Geophysical Union	2014 – Present
Student Chapter of American Meteorological Society - President (2012 – 2013)	2008 – 2013