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Research and Work Experience **Scientist I** High Altitude Observatory
2003 to present National Center for Atmospheric Research
Research Assistant Professor Department of Physics and Astronomy
1999 to 2003 Dartmouth College
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Relevant Publications Wiltberger, M., W. Wang, A. Burns, S. Solomon, J. G. Lyon, and C. C. Goodrich, "Initial results from the Coupled Magnetosphere Ionosphere Thermosphere Model: Magnetospheric and Ionospheric Responses", *J. Atmos. Solar Terr. Phys.*, 66, 1411, doi:10.1016/j.jastp.2004.04.026, 2004.
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Lopez, R. E, M. Wiltberger, J. G. Lyon, C. C. Goodrich, and K. Papadopoulos, "MHD Simulations of the Response of High-latitude Potential Patterns and Polar cap Boundaries to Sudden Southward Turnings of the Interplanetary Magnetic Field," *Geophys. Res. Lett.*, 967-970, 26, 1999.

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