

Curriculum Vitae

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EDUCATION

1986-1987 University of Washington Advanced study
Department of Atmospheric Science AK-40
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1977-1980 University of Wyoming M.S. 1980
Department of Atmospheric Science
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1973-1977 The Pennsylvania State University B.S. 1977
Department of Meteorology
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EMPLOYMENT HISTORY

June 1980-present Research Meteorologist
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Jan. 1980 - May 1980 Meteorologist
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CANADA

COMMITTEE MEMBERSHIPS, AWARDS

AMS Committee on Atmospheric Electricity. 1992 - 1995
NASA Public Service Award 1982

PUBLICATIONS

Stechman, D. M, G. Mcfarquar, R. Rauber, B. Jewett, and **R. A. Black**, 2020: Composite In Situ Microphysical Analysis of All Spiral Vertical Profiles Executed within BAMEX and PECAN Mesoscale Convective Systems. *J. Atmos. Sci.*, 77, 2541-2565

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Gedzelman, S., E. Hindman, X. Zhang, J. Lawrence, J.F. Gamache, M.L. Black, **R.A. Black**, J.P. Dunion, and H.E. Willoughby. Probing hurricanes with stable isotopes of rain and water vapor. *Mon. Wea. Rev.*, **131**(6):1112-1127 (2003).

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