

CORY A. WOLFF

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Skills

- Experience in collecting and analyzing meteorological data and presenting results in technical papers and at conferences or symposia.
- Aptitude in various operating systems, including Linux, Macintosh, and Windows, and programming languages/tools, including C/C++, Python, NCL, and shell scripting.

Experience

ASSOCIATE SCIENTIST III July 2002 – Present
National Center for Atmospheric Research, Boulder, CO
Research Applications Lab, In-Flight Icing Group

- Develop, upgrade, and support algorithms for diagnosing and forecasting aircraft icing.
- Research new techniques and ideas dealing with the physics of icing, and aid in field programs designed to better understand aircraft icing.
- Present icing research findings and information about the algorithms to scientific audiences and users.
- Assist in collection and processing of dual Doppler radar data from a research aircraft.

FORECASTER February 2008 – Present (P/T)
Leading Edge Atmospheric, Longmont, CO

- Provide forecasts and nowcasts to aircraft manufacturers in support of icing certification field tests.
- Consult with pilots and flight engineers to plan flights into required icing conditions.

FORECASTER January 1999 – May 2000
Meridian Environmental Technology, Inc., Grand Forks, ND

- Analyze weather and road conditions and provide forecasts of both to maintenance workers and the public over a four-state region (Minnesota, Montana, North Dakota, and South Dakota).

TEACHING ASSISTANT January 1999 – May 2000
University of North Dakota, Grand Forks, ND
Atmospheric Science Department

- Prepare a weekly lecture, laboratory session, and quiz for 15 – 20 students per semester as part of the laboratory section of an introductory meteorology class.

RESEARCH ASSISTANT May 1998 – December 1998
Regional Weather Information Center, Grand Forks, ND

- Identify winter storm tracks for an internal forecast algorithm.
- Develop and administer an online forecasting contest and scoring system for use in atmospheric science classes.

SOFTWARE ENGINEER Summer Internship, 1997
Video Lottery Technologies, Bozeman, MT

- Develop and test communication software for a video game polling system.

SUPPORT TECHNICIAN January 1997 – May 1997
Extended Systems, Inc., Bozeman, MT

- Troubleshoot printer communication problems over the phone for customers from around the world.

Education

COLORADO STATE UNIVERSITY 2000 – 2002
Masters of Science Degree in Atmospheric Science

UNIVERSITY OF NORTH DAKOTA 1997 – 2000

Bachelors of Science Degree in Atmospheric Science
Minors: Computer Science and Mathematics
Summa Cum Laude, Dean's List

Honors

NASA Group Achievement Award – 2005
American Meteorological Society Graduate Fellowship – 2000
UND Atmospheric Science Department Outstanding Student Award – 2000
American Meteorological Society Undergraduate Scholarship – 1999

**Volunteer
Experience**

Church Council (3 years), First Lutheran SAFE Committee (3 years), Community Food Share (4 years),
Community Weather Talks, Science Fair Judge

**Travel
Experience****Conference Attendance and Participation**

- Dallas, TX, Long Beach, CA, Seattle, WA, Albuquerque, NM, New Orleans, LA, Atlanta, GA, Hyannis, MA, Madison, WI, Fairbanks, AK, Portland, OR, Seville, Spain, and Toulouse, France

Field Program Participation

- NASA Icing Research Project, Cleveland, OH, Alliance Icing Research Study II, Ottawa, ON, and Thorpex Pacific Area Regional Campaign, Guam, USA

Training Visits

- Comair Airlines, Cincinnati, OH, United Airlines, Chicago, IL and Skywest Airlines, St. George, UT

Collaborative Visits

- Naval Research Lab, Monterey, CA, Continental Airlines, Houston, TX, and Alaska Aviation Weather Unit, Anchorage, AK