

Carol M. Ciliberti

1244 East 600 South
Salt Lake City, Utah 84102
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United States Citizen, 397-54-6149

Work Experience:

Research Associate

University of Utah, Department of Meteorology
135 South 1460 East, Rm. 819
Salt Lake City, Utah 84112
Supervisor: John Horel (801)581-7091
04/96 - Present

- *developed improved methods of data assimilation at very high spatial and temporal resolution*
- *perform research with an objective analysis system, examining local flows over complex topography*
- *write computer code to interface local data sets with the analysis system*
- *write and maintain computer scripts to produce operational analysis products*
- *construct and maintain a web-based display of graphics and information pertaining to the analysis system*
- *provided weather forecast support for scientific field research experiments*
- *co-author of scientific research papers*
- *present research materials at local and international conferences*

Avalanche Forecaster

Forest Service Utah Avalanche Center
2241 W. North Temple
Salt Lake City, Utah 84116
Supervisor: Bruce Tremper (801)521-5005
11/95 - Present (Seasonal), GS-08

- *prepare and disseminate mountain weather forecasts and back country avalanche advisories*
- *process data sets pertaining to snow stability and avalanche hazard.*
- *prepare recordings of avalanche information*
- *create web-based avalanche and mountain weather forecast products*
- *developed data exchange with the ski resorts and local government agencies*
- *communicate with local and national media, pre-recorded and live*
- *present mountain weather lectures*
- *present avalanche safety seminars to the public and other avalanche safety personnel*

Meteorological Technician

National Weather Service Western Region Headquarters, Scientific Services Division
125 South State, Room 1210
Salt Lake City, Utah 84138-1102
Supervisor: Andy Edman (801)524-5131
06/00-09/00: Seasonal, GS-09

- *participated in implementation of an objective analysis scheme at the National Weather Service Western Region Headquarters*
- *provided technical support for continued development of the analysis system*
- *provided support for the development of NWS objective analysis training seminars*

Graduate Research Assistant

University of Utah, Department of Meteorology
135 South 1460 East, Rm. 819
Salt Lake City, Utah 84112

Supervisor: Jan Paegle (801)581-7180

06/92 - 11/95

- *conducted sensitivity studies using a mesoscale numerical weather prediction model*
- *developed an upper boundary condition to remove gravity waves from the model solution*
- *analyzed 3-dimensional gridded numerical model data*
- *substitute-taught a graduate level numerical weather prediction course*

Student Trainee

National Weather Service Western Region Headquarters, Scientific Services Division

125 South State, Room 1210

Salt Lake City, Utah 84138-1102

Supervisor: Ken Mielke (801)524-5304

06/90-09/91: Seasonal, GS-03,04

- *participated in a forecast verification study*
- *interpreted forecast verification study results using a graphical interface*
- *created a new display of precipitation forecasts*

Trail Crew/Fire Crew Member

Evanston Ranger District, Wasatch-Cache National Forest

1565 Highway 150, Suite A

Evanston, Wyoming 82931

Supervisor: Timothy Diers (307)789-3194

05/88 - 09/88 (Seasonal), GS-03

- *worked on a district pumper truck crew, fire-ready at all times*
- *fought forest fires as a member of the Wasatch Regular Fire Crew*
- *built trail drainage systems*
- *built and maintained campground structures*

Seasonal Worker

Kamas Ranger District, Wasatch-Cache National Forest

Kamas, Utah 84036

Supervisor: Dan Symmes, Frank Erickson (801)783-4338

06/85 - 09/87 (Seasonal), GS-03

- *contacted public in wilderness areas, teaching the 'Leave No Trace' ethic*
- *supervised a Youth Conservation Corps crew doing basic maintenance projects*
- *directed and designated the work of a trails contractor*

Education

Ph.D. in progress, 30 semester hours completed

University of Utah, Salt Lake City, UT

Master of Science in Meteorology, 1996

University of Utah, Salt Lake City, UT

Bachelor of Science in Meteorology (Summa Cum Laude), 1992

University of Utah, Salt Lake City, UT

43 Quarter hours, undergraduate course work, 1981-1982

University of Montana, Missoula, MT

High school Degree 1981

Hellgate High School, Missoula, MT

References: Included in the Appendix