

C. David Whiteman

Research Professor Emeritus (retired 2018)
University of Utah, Atmospheric Sciences Department



Areas of Interest

Mountain meteorology, boundary layer meteorology, micrometeorology, measurements and instrumentation, undergraduate and graduate education

Education

B.S.	Physical Science, Colorado State University, <i>with high distinction</i>	1968
M.S.	Meteorology, University of Michigan	1970
Ph.D.	Atmospheric Science, Colorado State University	1980

Professional Affiliations

Professor Emeritus, University of Utah, Atmospheric Sciences Department	2018-present
Research Professor, University of Utah, Atmospheric Sciences Department	2005-2018
Staff Scientist, Battelle, Northwest Laboratories	1986-2005
Senior Research Scientist, Battelle, Northwest Laboratories	1980-1986
Adjunct Assoc. Prof., Environmental Sciences, Washington State University	1991-2005
Graduate Research Assistant, Atmos. Sci., Colorado State University	1974-1980
Staff Meteorologist, Western Scientific Services, Inc.,	1973-1974
Presidential Intern, NOAA Environmental Research Laboratories	1972-1972
Weather Officer, US Air Force	1969-1972
Meteorological Technician, Western Scientific Services, Inc.	1966-1969

Selected Committee Appointments, Professional Activities and Honors

AMS Mountain Meteorology Award recipient	2012
Head, Mountain Meteorology Group, University of Utah	2006-2018
Fellow, American Meteorological Society	2009
Head, American Meteorological Society Mountain Meteorology Committee	2006-2009
Advisor, Scientific Steering Committee, Terrain-Induced Rotors Experiment	2004-2006
Chester L. Cooper Mentor of the Year Award, PNNL	2003
Instructor, Innsbruck Summer School of Alpine Research on Surface- Atmosphere Exchange over Mountainous Terrain, Innsbruck, Austria	Aug. 2015
Instructor, AMS Short Course on Technical Writing in Scientific Publications and Proposals, Long Beach, CA	Feb. 2003
Instructor, Summer School on Mountain Meteorology, Trento, Italy	Aug. 2003
Fitzner-Eberhard Lab Director's Award for Outstanding Contributions to Science and Engineering Education	2001
Editor, <i>Journal of Applied Meteorology</i>	1998-2000

U.S. Rep., Mesoscale Alpine Programme scientific planning committee	1994-1995
Member, AMS Committee on Mountain Meteorology	1988-1994
Certified Consulting Meteorologist #187, American Meteorological Society	1978-2018

Teaching and visiting scientist appointments

University of Utah	2005-present
Visiting Prof., University of Innsbruck, Austria, Inst. Atmos. Cryospher. Sci.	Fall 2016
Visiting Prof., University of Trento, Italy, Civil & Environ. Eng.	Spring 2008
Visiting Prof., University of Vienna, Austria, Meteorological Institute	Spring 2007
Visiting Prof., University of Freiburg, Meteorology Institute	Spring 2002
Visiting Prof., University of Canterbury, NZ, Geography Department	Fall 2001
Visiting Prof., University of Berne, Geography Institute	Spring 1995
Washington State University (CE/ES/RP 417/571, Intro Meteorology)	1991-present
Visiting Scientist, University of Munich, Meteorological Institute	1984
Visiting Prof., University of Innsbruck, Meteorology and Geophysics Institute	Fall 1983

Graduate committee service: Washington State University, University of Utah, University of British Columbia and the Swiss Federal Institute of Technology.

Publications and presentations

Dr. Whiteman has published over 100 peer-reviewed journal publications, prepared 36 technical reports and given over 250 conference presentations. He has, additionally, given many public and seminar presentations.