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PROFESSIONAL PREPARATION

University of California, Davis	Applied Physics	B.S.	1990
University of Washington, Seattle	Atmospheric Sciences	M.S.	1994
University of Nevada, Reno	Atmospheric Sciences	Ph.D.	1996

APPOINTMENTS

2021-2022	*Member, FAA Beyond Visual Line of Sight Aviation Rulemaking Committee*
Dec. 2020-2024	*Member, FAA Drone Advisory Committee/Advanced Aviation Advisory Committee*
Nov. 2015-pres.	*Director, Alaska Center for Unmanned Aircraft Systems Integration*
Nov. 2015-pres.	*CEO and Chairman of the Board, FAA's University of Alaska UAS Test Site*
2014-Jul. 2015	*Congressional Fellow, U.S. Senate Committee on Energy and Natural Resources*
2013-pres.	*Professor of Atmospheric Chemistry, Geophysical Institute and Department of Chemistry & Biochemistry, University of Alaska Fairbanks*
2004-2013	*Associate Professor of Atmospheric Chemistry, Geophysical Institute, Department of Chemistry & Biochemistry, University of Alaska Fairbanks*
2000-2001	*Program Coordinator for the Atmospheric Science Program, University of Alaska Fairbanks*
1998-2004	*Assistant Professor of Atmospheric Chemistry, Geophysical Institute, Department of Chemistry & Biochemistry, University of Alaska Fairbanks*
1997-1998	*Visiting Assistant Research Professor, Desert Research Institute*
1996-1997	*Fulbright Graduate Student Fellowship*

MOST SIGNIFICANT PRODUCTS RELATED TO THE HEARING

Cahill, C.F. (2017). Rapid Response Volcanic Ash Detector. U.S. Patent Number 9,557,308. Issued January 31, 2017.

Hatfield M, C. Cahill, P. Webley, J. Garron, and R. Beltran (2020). Integration of Unmanned Aircraft Systems into the National Airspace System-Efforts by the University of Alaska to Support the FAA/NASA UAS Traffic Management Program. *Remote Sensing.* 12(19):3112. https://doi.org/10.3390/rs12193112

Cahill, C.F. (2016) Operating UAS in the Alaskan Arctic: Lessons from the Field. Invited Lecture. *Remote Controlled and Autonomous Measurement Platforms (ReCAMP) Flagship Workshop*. April 5-6, 2016, Tromso, Norway.

Craft, T., C.F. Cahill, and G.W. Walker (2014) Using an unmanned aircraft to observe black carbon aerosols during a prescribed fire at the RxCADRE campaign. In *2014 International Conference on Unmanned Aircraft Systems*, May 27-30, 2014, Wyndham Grand Orlando Resort, Orlando, FL.

Atkinson, D.E., K. Sassen, M. Hayashi, C.F. Cahill, G. Shaw, D. Harrigan, and H. Fuelberg (2013) Aerosol properties over Interior Alaska from lidar, DRUM Impactor sampler, and OPC-sonde measurements and their meteorological context during ARCTAS-A, April 2008. *Atmos. Chem. Phys.*, 13, 1293-1310, doi:10.5194/acp-13-1293-2013.

Cahill, C.F., P.G. Rinkleff, J. Dehn, P.W. Webley, T.A. Cahill, and D.E. Barnes (2010) Aerosol Measurements from a Recent Alaskan Volcanic Eruption: Implications for Volcanic Ash Transport Predictions. *J. Volcan. Geotherm. Res.,* doi:10.1016/j.jvolgeores.2010.08.012.