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

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.