

CURRICULUM VITAE

Mark P. Baldwin

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EDUCATION, PROFESSIONAL PREPARATION, AND APPOINTMENTS

- ❑ B.S. SUNY Albany, Mathematics/Atmospheric Science double major, 1980.
- ❑ M.S. SUNY Albany, Atmospheric Science, 1981. Advisor: Bernard Vonnegut.
- ❑ M.S., University of Washington, Applied Mathematics, 1985.
- ❑ Ph.D., University of Washington, Atmospheric Sciences, 1987. Advisor: James R. Holton.
- ❑ Post-Doctoral Scientist, Northwest Research Associates (NWRA), 1987–1989.
- ❑ Research Scientist, NWRA, 1989–1999.
- ❑ Senior Research Scientist, NWRA, 1999 to present.
- ❑ Vice President & Manager of Seattle Division of NWRA, 2006 to 2012.
- ❑ Director, Northwest Research Associates, 2007–present.
- ❑ Professor and Chair, Climate Sciences, University of Exeter, 2012 to present.
- ❑ AMS Certified Consulting Meteorologist #494.
- ❑ Fellow of the Royal Meteorological Society (FRMetS)
- ❑ Member: Royal Statistical Society, London Mathematical Society.
- ❑ Graduate of the *Leadership Foundation* course “Leading Departments”, including “360 degree appraisal,” 2013.

PROFESSIONAL ACHIEVEMENTS

- ❑ Experience in Research Fundraising, with 22 years as Principal Investigator. Funded by EU FP7, NSF, NASA, NOAA, and the reinsurance industry.
- ❑ Marie Curie Career Integration Grant (CIG, 2013).
- ❑ Lead Author, Chapter 4 of the 2010 WMO/UNEP Ozone Assessment.
- ❑ Contributing Author, Chapter 3, WG 1 of the Fourth Assessment Report of the IPCC, 2007.
- ❑ Five publications in *Science Magazine*.
- ❑ Co-Chief Editor, Quarterly Journal of the Royal Meteorological Society, 2008–present.
- ❑ Editor, Bulletin of the American Meteorological Society, 2004–2008.
- ❑ Associate Editor, Journal of Geophysical Research, 2002–2005.
- ❑ AGU Secretary, Atmospheric Physics and Climate, 2000–2002.
- ❑ WCRP SPARC: Co-chair, Quasi-Biennial Oscillation (QBO) Working group, 1998–2001; Chair, Stratosphere–Troposphere Dynamical Coupling, 2003–present.
- ❑ Visiting Scientist, University of Oxford, 1999; University of Reading, 2006–2007.
- ❑ Lead Organizer of Stratosphere–Troposphere Coupling meeting in Whistler, BC, Canada. 2003.
- ❑ Lead Convener of AGU Chapman Conference, ‘Stratosphere-Troposphere Coupling’, Santorini Greece, 24–28 September, 2007.
- ❑ Most cited paper, *Journal of Atmospheric and Solar-Terrestrial Physics*, 2005–2010.

SCIENTIFIC, BUSINESS, & PERSONNEL MANAGEMENT

- ❑ 2006–2012, Division Manager & Vice President, NWRA. Managed 24 scientists and \$6,000,000+ in business.
- ❑ 2007–present, Board of Directors, NWRA.
- ❑ Experience in Research Fundraising, with 22 years as Principal Investigator.
- ❑ Oversaw multidisciplinary research, including atmosphere, ocean, ionosphere (signal processing & precursors to earthquakes), laboratory experiments, over-the-horizon tracking radar, satellite receiver design, and blood flow in the human body.
- ❑ Supervised Principal Investigators, including planning of research strategies, authorization of proposal submissions, monitoring of contract/grant reporting, and compliance with federal audit requirements.
- ❑ Mentored Post-doctoral Associates at NWRA; served on graduate committees at Reading University, University of Colorado, and University of British Columbia.
- ❑ Managed division overhead rate and \$1,200,000+ budget.
- ❑ Supervised IT staff, including security, networking, and Web site design.
- ❑ Proposal Design & Authorship.
- ❑ Meeting Organization & Finance.
- ❑ Experience in writing press releases and giving press conferences.
- ❑ Expertise in Data Graphics and Typography.
- ❑ Consultant to the reinsurance industry and hedge fund industry.