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Degree	Institution	Date Conferred
B.A. – Physics	University of Pennsylvania	1977
M.S. – Physics	University of Pennsylvania	1977
M.Phil. – Geological Sciences	Columbia University	1982
Ph.D. – Geological Sciences	Columbia University	1985

Professional Experience:

Cosmic Radiation Observer, McMurdo Station, Antarctica, October 1977 – November 1978.

Graduate Research Assistant, Department of Geological Sciences, Columbia University, New York, NY, September 1979 – February 1985

Summer Student Fellow, Summer Program in Geophysical Fluid Dynamics, Woods Hole Oceanographic Institution, Woods Hole, MA, June – August 1982

Postdoctoral Research Associate, Department of Atmospheric Sciences, University of Washington, Seattle, WA, March 1985 – December 1987

Assistant Professor, Department of Atmospheric Sciences, University of Illinois, January 1988 – August 1993

Associate Professor, Department of Atmospheric Sciences, University of Illinois, August 1993 – August 2001

Professor, Department of Atmospheric Sciences, University of Illinois, August 2001 – present

Departmental Affiliate, Department of Electrical and Computer Engineering, University of Illinois, November 1995 – present

Associate Program Director, NSF Climate and Large-scale Dynamics Program, under IPA assignment, July 2006 - present

Service

Editor, *Journal of the Atmospheric Sciences*, January 2004 – present
Co-chair, U.S. CLIVAR Atlantic Implementation Panel, January 2004 – January 2005
Organizer, U.S. CLIVAR Atlantic Science Meeting, Miami, January 2005
Convenor, A.G.U. Chapman Conference, "Jets and Annular Structures in Geophysical Fluids", January 2006
Member, Illinois State Representative Naomi Jakobsson's Environmental Concerns Task Force, Fall 2003 - present
Director, Illinois Project to Observe Nutrient Dynamics (IPOND), January 2005 – July 2006

Publications

Journal articles

Rind, D., W. L. Donn, and W. A. Robinson, 1981: Stratospheric variability in summer. *J. Appl. Meteor.*, **20**, 900-909.

Robinson, W. A., 1985: A model of the wave 1-wave 2 vacillation in the winter stratosphere. *J. Atmos. Sci.*, **42**, 2289-2304.

Robinson, W. A., 1986: Interactions between stationary planetary waves in the stratosphere. *J. Atmos. Sci.*, **43**, 1006-1016.

Robinson, W. A., 1986: The application of the quasi-geostrophic Eliassen-Palm flux to the analysis of stratospheric data. *J. Atmos. Sci.,* **43**, 1017-1023.

Robinson, W. A., 1986: The behavior of planetary wave 2 in preconditioned zonal flows. *J. Atmos. Sci.*, **43**, 3109-3121.

Robinson, W. A., 1987: Two applications of potential vorticity thinking. *J. Atmos. Sci.*, **44**, 1554-1557.

Robinson, W. A., 1988: Analysis of LIMS data by potential vorticity inversion. *J. Atmos. Sci.*, **45**, 2319-2342.

Robinson, W. A., 1988: Irreversible wave-mean flow interactions in a mechanistic model of the stratosphere. *J. Atmos. Sci.*, **45**, 3413-3430.

Robinson, W. A., 1989: On the structure of potential vorticity in baroclinic instability. *Tellus*, **41A**, 275-284.

Robinson, W. A., 1991: The dynamics of low-frequency variability in a simple model of the global atmosphere. *J. Atmos. Sci.*, **48**, 429-441.

Chen, P., and W. A. Robinson, 1991: The effects of transience on the propagation of stratospheric planetary waves. *J. Atmos. Sci.,* **48**, 1078-1092.

Robinson, W. A., 1991: The dynamics of the zonal index in a simple model of the atmosphere. *Tellus,* **43A**, 295-305.

Qin, J., and W. A. Robinson, 1992: Barotropic dynamics of interactions between synoptic and low-frequency eddies. *J. Atmos. Sci.*, **49**, 71-79.

Robinson, W. A., and J. Qin, 1992: Predictability of the zonal index in a global model. *Tellus*, **44A**, 331-338.

Chen, P., and W. A. Robinson, 1992: Propagation of planetary waves between the troposphere and stratosphere. *J. Atmos. Sci.*, **49**, 2533-2545.

Robinson, W. A., 1993: The generation of ultralow-frequency variations in a simple global model. *J. Atmos. Sci.*, **50**, 137-143.

Robinson, W. A., 1993: Mechanisms of low-frequency variability in a simple model with orography. *J. Atmos. Sci.*, **50**, 878–888.

Qin, J., and W. A. Robinson, 1993: On the Rossby wave source and the steady linear response to tropical forcing. *J. Atmos. Sci.*, **50**, 1819–1823.

Feldstein, S. B., and W. A. Robinson, 1994: Comments on "Spatial structure of ultra-low-frequency variability of the flow in a simple atmospheric circulation model," by I. N. James and P. M. James. *Quart. J. Roy. Meteor. Soc.*, **120**, 739–745.

Robinson, W. A., 1994: Comments on "Horizontal divergence associated with zonally isolated jet streams." *J. Atmos. Sci.,* **51**, 1760–1761.

Robinson, W. A., 1994: Eddy feedbacks on the zonal index and eddy-zonal flow interactions induced by zonal flow transience. *J. Atmos. Sci.*, **51**, 2553–2562.

Huang, H.-P. and W. A. Robinson, 1995: Barotropic model simulations of the North Pacific retrograde disturbances. *J. Atmos. Sci.,* **52**, 1630–1641.

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Robinson, W. A., 1996: Does eddy feedback sustain variability in the zonal index? *J. Atmos. Sci.,* **53**, 3556–3569.

Robinson, W. A., 1997: Dissipation dependence of the jet latitude. *J. Climate,* **10**, 176–182.

Peng, S., W. A. Robinson, and M. P. Hoerling, 1997: The modeled atmospheric response to midlatitude SST anomalies and its dependence on background circulation states. *J. Climate,* **10**, 971–987.

Huang, H.-P. and W. A. Robinson, 1998: Two-dimensional turbulence and persistent zonal jets in a global barotropic model. *J. Atmos. Sci.,* **55**, 611–632.

Lieberman, R. S., W. A. Robinson, and 14 others, 1998: HRDI observations of mean meridional winds at solstice. *J. Atmos. Sci*., **55**, 1887-1896.

Herman, R. L., W. A. Robinson, and S. J. Franke, 1999: Observational evidence of two-day/gravity wave interaction using MF radar. *Geophys. Res. Lett.,* **26**, 1141-1144.

Franke, P. M., and W. A. Robinson, 1999: Nonlinear behavior in the propagation of atmospheric gravity waves. *J. Atmos. Sci.*, **56**, 3010-3027.

Robinson, W. A., 2000: A baroclinic mechanism for the eddy feedback on the zonal index. *J. Atmos. Sci.,* **57**, 415–422.

Robinson, W. A., 2000: Review of WETS: The Workshop on Extra-Tropical SST anomalies. *Bull. Amer. Meteor. Soc.,* **81**, 567–577.

Weickmann, K. M., W. A. Robinson, and M. C. Penland, 2000: Stochastic and oscillatory forcing of global atmospheric angular momentum. *J. Geophys. Res.*, **105**, 15,543-15,557.

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Peng, S., W. A. Robinson, and S. Li, 2002: North Atlantic SST forcing of the NAO and relationships with intrinsic hemispheric variability. *Geophys. Res. Lett.,* **29**, 10.1029/2001GL014043.

Robinson, W. A., 2002: On the midlatitude thermal response to tropical warmth. *Geophys. Res. Lett.,* **29**, 10.1029/2001GL014158.

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Robinson, W. A., R. Reudy, and J. E. Hansen, 2002: GCM simulations of recent cooling in the East-central United States. *J. Geophys. Res.*, **107**, 4748, doi:10.1029/2001JD001577.

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Seager, R., Y. Kushnir, N. Harnik, W. A. Robinson, and J. Miller, 2003: Mechanisms of hemispherically symmetric climate variability. *J. Climate*, **16**, 2960-2978.

Li, S., W. A. Robinson, S. Peng,, 2003: Influence of the North Atlantic SST tripole on northwest African rainfall. *J. Geophys. Res.*, **108**, doi: 10.1029/2002JD003130.

Robinson, W. A., S. Li, S. Peng, 2003: Dynamical nonlinearity in the atmospheric response to Atlantic sea surface temperature anomalies. *Geophys. Res. Lett.*, **30**, doi:10.1029/2003GL018416.

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Song, Y., and W. A. Robinson, 2004: Dynamical mechanisms for stratospheric influences on the troposphere. *J. Atmos. Sci.*, **61**, 1711-1725.

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