

CURRICULUM VITAE

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Education:

1968: B.S. with Honors, California Institute of Technology, Pasadena, CA

1969: M.S., Harvard University, Cambridge, MA

1971: Ph.D., Harvard University, Cambridge, MA

Thesis: *The Boundary Layer Beneath Symmetric Vortices*

Advisor: Prof. George F. Carrier

Professional Employment:

1971: Lecturer, Harvard University Summer School, Cambridge, MA

1971–74: Research Fellow in Geophysical Fluid Dynamics, Harvard University, Cambridge MA. Supervisor: Prof. Alan Robinson

1974-2004: Research Scientist, National Center for Atmospheric Research, Boulder, CO. [1980-2004, Senior Scientist]. [1983-84, 1989, Oceanography Section Head]

1994-present: Louis B. Slichter Professor of Earth Sciences, Institute of Geophysics and Planetary Physics and Department of Atmospheric and Oceanic Sciences [1995-2003, Vice Chair; 1997, Acting Chair; 7/2007–7/2010, Chair], UCLA, Los Angeles, CA

1995-2005: Distinguished Visiting Scientist, Jet Propulsion Laboratory, Pasadena, CA

Awards:

2001: Fellow of the American Geophysical Union

2002: Member of the National Academy of Sciences

2015: Editor's Award, American Meteorological Society

Primary Publications:

McWilliams, J.C., 1972: Observations of kinetic energy correspondence in the internal wave field. *Deep-Sea Res.* **19**, 793-811.

- McWilliams, J.C., 1974: Forced transient flow and small scale topography. *Geophys. Fluid Dyn.* **6**, 49-79.
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- McWilliams, J.C., 1978: Stable jet modes: A special case of eddy and mean flow interaction. *J. Phys. Ocean.* **8**, 344-362. doi:10.1175/1520-0485(1978)008<0344:SJMASC>2.0.CO;2
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