

ATTACHMENT 1
Curriculum Vitae

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Title and Position: Professor (Established Chair)
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Chatswood
New South Wales
Australia 2067
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Personal Details:

Date of Birth: December 24, 1945

Marital Status: Married, 3 children aged 12, 10 and 6

Qualifications:

1963-1966 University of Sydney: B.S (Hons): Applied
Mathematics, 1st Class Honours, University
Medal. (Minor in Geology).

1967 University of Sydney: M.S. thesis: "Truncation
error analysis in mathematical models of the

atmosphere", Dept. of Mathematics

1968-1970

Monash University: Ph.D. thesis: "On rotating flows", Dept. of Mathematics.

1979

University of Melbourne: B.A., Major in Philosophy (Phil. of Science).

Previous appointments held:

1967

NSW Institute of Technology
Part-time lecturer in Mathematics.

1969

Monash University. Teaching Fellow, Dept of Mathematics

1970

Monash University. Senior Teaching Fellow, Mathematics

1971-1994

CSIRO (Division - Australian Numerical Meteorology Research Centre), Bureau of Meteorology Research Centre:
Research Scientist, Senior Research Scientist, Principal Research Scientist, Senior Principal Research Scientist.

Undergraduate Awards:

1966

Sydney University Medal

1966

Barker Prize for Mathematics.

Graduate Award:

1967

Sydney University Travelling Scholarship, University of California, Berkeley, 6 months.

Other Awards:

1976

Commonwealth Foundation Award for Outstanding Young Scientist

1987

University of Wisconsin-Madison Award for Contributions to Space Science.

- 1994 The Max Planck Research Prize (shared). Ceremony in Germany. Nov. 1994. Value DM200.000 over three years.
- 1994 Springer-Verlag Prize for best Reviewer in a Geosciences journal. Awarded October, 1994.
- 1995 Australian Research Council Special Investigator Award for Earth Science. Value AUS \$200,000 p.a. for 3 years, 1995-1997.
- 1996 Anthony Mason Fellowship, used to fund visit to China, November/December 1996
- 1997 Elected as fellow, Eurasian Academy of Science, Awarded Beijing, August 1997.
- 1999 Nominated for election as Fellow of Australian Academy of Science.

Committees, Journal Editorships etc.

- Chair, WMO Committee for Comparison of Regional Model Experiments (COMPARE) (1997 ->)
- Member, Australian Academy of Sciences Commission on Atmospheric and Oceanic Sciences (1996 ->)
- Editor, Meteorology and Atmospheric Physics (1992 ->)
- Editor, Australian Meteorological Magazine (1980-1988)
- Member, Program committee, Committee on Space Research (COSPAR)
- Lead Scientist, WMO Committee on Limited-Area Modelling in the Tropics
- Co-opted Rapporteur, WMO Committee on Tropical Meteorology Research (CAS)
- Member, American Meteorological Society Committee on Special Awards (1992)
- Member, WMO Committee for Comparison of Regional Numerical Weather Prediction Models (1992->)
- Member, Visualization Laboratory (VisLab) Committee Member
- Member, Sydney Universities High Performance Computing Committee
- Member, Scientific Advisory Board, Water Resources Laboratory, NSW EPA
- Deputy Director, Centre for Advanced Numerical Computation in Science and Engineering, UNSW
- Member, American Meteorological Society
- Member, Australian Meteorological and Oceanographic Society
- Member, Greenhouse Scientific Advisory Committee (1998 ->)

Field Experiments:

- Southerly Buster Experiment (1983)
- Australia Monsoon Experiment (AMEX) (1987)
- Experiment on Rapid Intensification of Cyclones in the Atlantic (ERICA),
at UW-Madison (1987)
- Tropical Cyclone Motion Experiment (TCM-90), NW Pacific (1990)
- TOGA-Coupled Ocean Atmosphere Response Experiment (TOGA-COARE) (1992/93)
- East Coast Low Initiative (1992 -1995)
- Cold Fronts Experiment (1992)
- Sydney Airshed Experiment (1993,1994), (1995-1998)
- Climatology of Southeastern Australia Study (1994 -1997)
- Sydney Region Air Pollution Study (1995, 1996)
- Sydney Olympics Short -range Forecasting Trial (1997, 1998, 1999)