

# Summary resume for Dr Martin Wardrop

## QUALIFICATIONS

University of Oxford 1978

Doctor of Philosophy in theoretical physics

University of Melbourne 1968-74

B Sc (Hon) in both mathematics and physics.

Master of Science in applied mathematics.

First class honours in all academic subjects taken.

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I am a part-time senior lecturer in conservation policy and public sector management at the University of Queensland and am also the director of a company selling Aboriginal art works online.

Before joining the University of Queensland in 2002, I was a public servant in the Commonwealth, Queensland and United Kingdom governments between 1980 and 1999 in a range of senior policy, planning and managerial roles. Prior to that I was a research physicist in Sweden and Australia, specializing in plasma physics.

Apart from teaching at the University of Queensland, my main professional experience and achievements have been:

- Supervised Commonwealth funding and management of Australia's World Heritage properties, and policies and programs in relation to wilderness and wild rivers (responsible for 30 staff and annual expenditure of \$23 million).
- Represented the Commonwealth Government on the Cape York Peninsula Land Use Strategy management group of government and community representatives and brought the process to a successful conclusion
- Developed Australia's national strategy on information and communications services and technologies, which was announced by the Prime Minister in December 1995.
- Integrated and successfully managed the main service functions of the Department of Communications and the Arts (responsible for 90 staff and annual budget of \$6 million).
- Managed the Office of the Australian Science and Technology Council (ASTEC). This included planning the Council's work program and supervising studies on research and technology in tropical Australia, future directions for Australian energy R&D, the role of the social sciences and humanities in economic development and research data networks (the Internet).
- Established new Commonwealth government requirements for industry development for the Australian telecommunications industry; and reviewed and updated the Government's Information Industries Strategy.
- Planned and managed for the United Kingdom government a large technology transfer program in modern materials and processes. The outcome was a successful program, with a range of novel methods for meeting industry's requirements for information about modern materials and processes.
- Prepared new legislation for a restructured CSIRO and supported its successful introduction to Parliament. Contributed to proposals for restructuring of support for scientific research and the development of the Australian Research Council,
- Established the effective operation of the Queensland Science and Technology Council and prepared its first reports

- Managed and drafted policy reports for the Australian Science and Technology Council (ASTEC), including on robotic technology, equipment requirements of the Bureau of Meteorology, telecommunications R&D and technology and handicapped people.

## **AWARDS**

1977 Edward Chapman Research Prize, Magdalen College, Oxford University  
 1976 Fellow of Royal Astronomical Society  
 1974 Rhodes Scholar for Victoria (held 1975-77)

## **RECENT EMPLOYMENT HISTORY**

2002-05 Lecturer, School of Natural and Rural Systems, University of Queensland  
 1999-05 Managing Director, Aboriginal Art Online Pty Ltd  
 1996-99 Assistant Secretary, Environment Australia  
 1994-96 Assistant Secretary, Department of Communications and the Arts  
 1992-94 Assistant Secretary, Department of the Prime Minister and Cabinet

## **PUBLICATIONS AND PAPERS**

- “Issues and Opportunities in the Management of Parks and Reserves” overview paper in *National Parks and Protected Areas: Selection, Delineation and Management* edited by John Pigram and Ronald Sundell, University of New England 1997
- *National policy and technological change* Dept of Government, University of Sydney 1995
- *The Pace of Change: Technology Uptake and enterprise improvement*, Discussions of Science and Innovation Paper 3, joint author, DIST, November 1994
- *Industrial R&D, Investment and Structural Change in Australian Manufacturing*, joint author, published by OECD-DITAC, November 1988
- Four scientific publications on plasma physics and applied mathematics
- Member for two years of the editorial board of the journal *Prometheus*, a quarterly journal on technology and society.