

OFFICER (AO) IN THE GENERAL DIVISION OF THE ORDER OF AUSTRALIA

Mr Leonard Lyof AMADIO AM, 9/21-25 Waratah Street, Rushcutters Bay NSW 2011
For distinguished service to the performing arts, particularly the Australian Youth Orchestra through executive, advisory and mentoring roles and through contributions to the establishment of the Alumni program.

Mr Amadio was appointed a Member of the Order of Australia in The Queen's Birthday 1985 Honours List for his service to the arts, particularly as Director of the South Australian Department of the Arts.

The following summarises his service and involvement since then.

Director, Australian Youth Orchestra (AYO), 1994-2008.

Involved with the AYO and the National Music Camp Association, since 1957.

Chair, Opera and Music Panel, Helpmann Awards, 2007-2010.

Chair, Australian Latin American Foundation, since 2004; involved, since 1994.

Trustee, Australian Branch, Australian Music Foundation (London UK), since 2009.

Director, Sidetrack Theatre Company, 1996-2004.

Member, Don Dunstan Foundation, 1999-2005.

Member, Board, Anzarts Institute, since 2008.

Member, Board, Music Theatre Sydney, 1996-2006.

Member, Board, Australian Broadcasting Corporation, 1986-1991.

Member, Board of Governors, Adelaide Festival of Arts, 1971-1994.

Foundation Director, South Australian Department for the Arts, 1981-1991; Senior Adviser, 1991-1995.

OFFICER (AO) IN THE GENERAL DIVISION OF THE ORDER OF AUSTRALIA

Professor James Alexander ANGUS,

232 Esplanade East, Port Melbourne Vic 3207

For distinguished service to biomedical research, particularly in the fields of pharmacology and cardiovascular disease, as a leading academic and medical educator, and as a contributor to a range of advisory boards and professional organisations both nationally and internationally.

Dean, Faculty of Medicine, Dentistry and Health Science, University of Melbourne, since 2003; Deputy Dean, 2002-2003; Pro Vice-Chancellor, 1999-2001; President, Academic Board, 2000-2001; Vice-President, 1999-2000; Deputy Vice-President, 1997-1998; Head, Department of Pharmacology, 1993-2003. President, Medical Deans Australia and New Zealand, since 2009; Deputy Chair, 2006-2009. Member, Medical Schools Accreditation Committee of Australian Medical Council, since 2008. Secretary, Postgraduate Medical Council of Victoria, since 2007; Member, since 2003. Honorary Secretary, Victorian Rhodes Scholarship, The Rhodes Trust, since 2003.

Chair, Australian Health Information Council, 2006-2008.
Chair, Genetics Services Victoria Advisory Board, 2006-2008.
Member, Victorian Institute of Forensic Medicine, since 2004.
Member, Steering Committee, Victorian Comprehensive Cancer Centre, since 2007.
Director, Centre for Eye Research Australia Ltd Board, since 2002.
Director, Victor Smorgon Institute at Epworth Hospital, since 2007.
Board Member, Walter and Eliza Hall Institute, since 2003.
Board Member, The Bionic Ear Institute, since 2002.
Board Member, Australian International Health Institute, 2003-2009.
Board Member, Mental Health Research Institute, since 2003.
Board Member, National Ageing Research Institute, 2003-2009.
Director, Melbourne Health, since 2003.

Chair, Pharmaceutical Education Council, 2002-2007.
Council Member, Australian Academy of Science, 2001-2004.
Member, National Committee for Pharmacology, since 1994.
Member, National Health Information Management Principle Committee, 2006-2008.
Director, CRC for Cochlear Implant and Hearing Aid Innovation Board, 2002-2007.
Member, Howard Florey Institute Board, 2003-2007.
1st Vice-President, Executive Council of the International Union of Pharmacology, 2002-2006; Member of Council, 1998-2006.
Director, Bernard O'Brien Institute of Microsurgery, 1998-2003.
Deputy Director, Baker Medical Research Institute at the Alfred Hospital, 1990-1992.
Member, Murdoch Institute for Birth Defects, 1991-1997.
Chair, Panel D, Program Grants Committee, National Health and Medical Research Council (NHMRC), 2002-2003; held a range of committee positions with the NHMRC during the 1980s and 1990s.
Research Fellowships with the NHMRC include Senior Principal Research Fellow, 1989-1993; Principal Research Fellow, 1985-1989; Senior Research Fellow, 1983-1985; and Research Fellow, 1981-1982; other NHMRC fellowships date back to 1974.
Senior Research Officer, Baker Institute, 1980-1981.

Fellow, Australian Academy of Science, 1996.
Fellow, International Academy of Cardiovascular Sciences, 2002.
Member, Australian Physiological and Pharmacology Society.
Member, Australian Society for Clinical and Experimental Pharmacology.
Member, Cardiac Society of Australia and New Zealand.
Member, International Society for Heart Research.
Member, International Union of Pharmacology.

Has held a number of editorial board positions with scientific journals including the *Journal of Cardiovascular Pharmacology*, from 1988-2005; as Executive Editor of the *Clinical and Experimental Pharmacology and Physiology*, since 1993; and as an Advisory Board Member for *Acta Pharmacologica Sinica*, since 1999. Has authored or co-authored about 238 medical publications, books, articles and papers since 1971.

Awards/recognition include:

Centenary Medal, 2001.

Australian Citation's Laureate in Pharmacology, Thomson ISI (Institute of Scientific Information), 2002.

Gottschalk Medal of the Australian Academy of Science, 1984.

OFFICER (AO) IN THE GENERAL DIVISION OF THE ORDER OF AUSTRALIA

Dr Judy (Judith) CASHMORE, Glebe NSW 2037

For distinguished service to the protection of children, as a research psychologist and advocate for the rights of children, through the development and implementation of social policy and law, and through leadership roles of organisations supporting child welfare.

Various advisory roles with the NSW Department of Community Services, including:

- Member, Ministerial Advisory Council.
- Member, Research Advisory Committee, since 2002-2003.
- Current Member, Academic Advisory Group.
- Foundation Member, Child Protection Advisory Group, since 2008.
- Co-Chair, EnAct, 1998-2000.
- Deputy Chair, Community Welfare Legislation Review, 1994-1998.

Member, NSW Judicial Commission, since 2001.

Member, Advisory Committee on child sexual assault cases, NSW Department of Public Prosecutions, for many years.

Chair, New South Wales Child Protection Council, Deputy Convenor, NSW Child Death Review Team, for several terms.

Extensively involved in discussions to establish the NSW Commission for Children and Young People (CCYP) and the related legislation requiring employment screening for people working with children, 1998.

Consultant, NSW Bureau of Crime Statistics and Research.

Consultant, Australian Law Reform Commission.

Deputy Chair, Association of Child Welfare Agencies, 2001-2005; Member of 2005 non-government delegation to the UN Committee on Rights of Child, Geneva.

President, Australian National Committee, Defence for Children International.

Adjunct Professor and Foundation Chair, Advisory Board, Centre for Children and Young People, Southern Cross University.

Associate Professor, Faculty of Law, University of Sydney, since 2003; as development psychologist.

Honorary Research Associate, Social Policy Research Centre, University of New South Wales, for over 10 years.

Board Member, National Children's and Youth Law Centre, since 2004.

Dr Cashmore is one of 4 international scholars appointed to edit the *Handbook on Research with Children* led by Professor G Melton, an American psychologist. Research since 1985 focused on children's involvement in, and experience of, legal proceedings in relation to family law, care and protection and as child witnesses.

Co-Author, *The Voice of the Child in Family Law Disputes*, Oxford University Press, UK, 2008; (with Professor P Parkinson AM).

In 1996 Dr Cashmore co-authored a longitudinal study entitled *Wards Leaving Care* and the follow-up publication *Wards Leaving Care - Four to Five Years On*, in 2007.

Author of a further 30 referred articles, 15 book chapters and 15 reports and conference papers.

OFFICER (AO) IN THE GENERAL DIVISION OF THE ORDER OF AUSTRALIA

The Honourable Justice Geoffrey Michael GIUDICE, Melbourne Vic 3000

For distinguished service to the judiciary and to industrial relations, particularly through the development and implementation of policies and through the Australian Industrial Relations Commission.

President, Fair Work Australia, since 2009.

President, Australian Industrial Relations Council, 1997-2009.

Justice Giudice has been the Presiding Member of Full Benches that have improved wages and conditions for Australians in a range of test cases. He oversaw the preparation of the history of the Industrial Relations Commission and its predecessors to mark its 2004 centenary. He has been responsible for leading the national workplace relations tribunal during three periods of major legislative reform - 1996, 2006 and 2009.

Patron, Victorian Industrial Relations Society; supports the Society nationally through addresses to conventions and seminars.

Judge, Federal Court of Australia, since 1997.

OFFICER (AO) IN THE GENERAL DIVISION OF THE ORDER OF AUSTRALIA

Mr John Edward HARVEY AM, 3 Serpentine Road, Hunters Hill NSW 2110
For distinguished service to the information technology industry, particularly through developing partnerships with Government and educational institutions, and to the community.

Mr Harvey was appointed a Member of the Order of Australia in The Queen's Birthday 2000 Honours List for his service to the arts, particularly as Chairman of the Australian Chamber Orchestra, to youth training in the area of business education, and to the community. The following summarises his service and involvement since then.

Current Executive Director, IBM Australia Ltd; joined 1968.

Currently involved in partnership with the University of Ballarat, including:

- Facilitator and Leader of government-industry-education partnership, resulting in Ballarat Technology Park at the University; the Park has generated an estimated \$260 million in flow-on benefits for NSW.
- Involved in the development of the School of Information Technology and Mathematical Sciences through the establishment of the IBM Regional Software Solutions Centre at the University, 2003; a key initiative of the Centre is the 'Earn As You Learn' program where students gain valuable hands-on experience by performing software support to IBM clients.

Established IBM Scholarship Program, The Australian Computer Society Foundation Trust Fund.

Author, *Transition - the IBM Story*, 2008; net proceeds of sales donated to the Australian Computer Society Foundation Trust Fund which provides scholarships to students at Ballarat University.

Current Director, Australian Information Industries Association.

Involved in the formation of the MultiPLIERS (Multinationals Promoting Local Investment, Export Opportunities and Research Strengths).

Key role in the formation of the National IT Advisory Body, Commonwealth Department of Communications, Information Technology and the Arts; leading role in the Building on IT Strengths Program.

Chairman, National Basketball League (NBL), 2000-2002; Board Member, 1999; involved in the integration of the NBL and Basketball Australia.

Current Life Patron, Australian Chamber Orchestra (ACO); continued involvement through the Sponsorship Agreement between IBM and ACO; former Chairman of the Board.

Other awards/recognition include:

Doctor of Business (Honoris Causa), University of Ballarat, 2007.

OFFICER (AO) IN THE GENERAL DIVISION OF THE ORDER OF AUSTRALIA

Mr John Leslie LANGOULANT, WA

For distinguished service to business and commerce, particularly through leadership and management roles, and to the community of Western Australia.

Chief Executive Officer, Oakajee Port and Rail Pty Ltd, since 2010.

Chief Executive Officer, Australian Capital Equity, 2008-2010.

Chief Executive, Chamber of Commerce and Industry (WA), 2004-2008, Member, Business Policy Forum, since 2008.

Chairman, National Hire Group Ltd, since 2008.

Director, Gold Corporation, 1994-2004 and 2005-2008.

Member, Industry Capability Network Ltd, 2005-2008.

Deputy Chair, Western Australia Ballet, since 2007; Board Member, since 2005; current Chair, Finance and Risk Management Committee.

Chair, Steering Committee for relocation of the WA Ballet.

Chairman, Telethon Institute For Child Health Research, since 2008; Director, since 2005.

Current Member of the Senate, University of Western Australia; Chair, Strategic Resources Committee; Member, Chancellor's Committee.

Member, Curriculum Council WA, 2006-2008.

Board Member, Committee for Perth, since 2008.

Board Member, WA Art Gallery Foundation, since 2009.

Western Australia Government appointments include:

Member, Economic Audit Committee, 2008-2009.

Chair, Board of Western Australia Treasury Corporation, 1995-2004.

Under Treasurer, Western Australia Department of Treasury and Finance, 1995-2004.

Acting Deputy Under Treasurer/Assistant Under Treasurer, Economic Policy and Services, 1994-1995; Director, Economy and Public Authorities Policy Division, 1992-1994, Assistant Director, 1989-1992; Policy Development Officer, 1988-1989; Principal Research Officer, 1987-1988.

Member of the State Supply Commission, 2006-2008; Functional Review Taskforce, 2003; Machinery of Government Taskforce, 2002.

Assistant, Commission to Review Public Sector Finances, 1993.

Executive Officer, Commission on Accountability, ca1980s.

Australian Government appointments include:

Chief Finance Officer, The Treasury, State and Local Government Finances Branch, 1984-1987; Senior Executive Assistant to the Secretary, 1983-1984; Senior Finance Officer, International Finance Section, 1983; Senior Finance Officer, Overseas Borrowings Section, 1982-1983; various other roles, 1975-1982.

Member, Council of Australian Governments' Reform Council, since 2007.

Member of the the National Quality Council; and the National Reporting Council.

OFFICER (AO) IN THE GENERAL DIVISION OF THE ORDER OF AUSTRALIA

Mr George LEKAKIS, Oakleigh Vic 3166

For distinguished service to the community through leadership roles in multicultural organisations, and to the development and implementation of services to support those from culturally and linguistically diverse backgrounds.

Chair, Victorian Multicultural Commission, since 2001.

Member, Advisory Committee, Workforce Participation Program, since 2000.

Current Co-Chair, Police and Community Multicultural Advisory Committee; Member, since 2001.

Member, Ministerial Advisory Council on Languages ESL and Multicultural Education, since 2001.

Member, Advisory Board, Centre for Dialogue, since 2006.

Member, Victorian Multicultural Arts Policy Advisory Committee, since 2007.

Member, Future Melbourne Group, since 2007.

Chair, Ethnic Communities Council of Victoria, 1997-2001; Deputy Chair, 1995-1997.

Director, the New Hope Foundation, 1989-2001.

Deputy Chairperson, Federation of Ethnic Communities Council of Australia.

Member, Advisory Council, Community Support Fund, 2000-2002.

Treasurer, Monashlink Community Health Centre, 2000-2002.

Member, Board of Management, Adult Migrant Education Services, 2001-2002.

Member, Victorian Industrial Relations Task Force, 1999-2001.

Member, Victorian Aboriginal Reconciliation Council, 1998-2001.

Member, Migrant Workers Committee, Victorian Trades Hall Council, 1996-2001.

Convenor, Ethnic Services Advisory Committee, City of Stonnington, 1989-2001.

Deputy Chairperson, Victorian Immigration Advice and Rights Centre, 1988-1998.

Inaugural President, Southern Ethnic Advisory and Advocacy Council, 1991-1993;

Member, 1991-2001.

Member, Ethnic Affairs Advisory Committee, City of Port Melbourne, since 1990-1993.

Secretary, Victorian Refugee Advice and Casework Service, 1990-1993.

Member, Local Government and Ethnic Affairs Ministerial Advisory Committee, 1990-1992.

Chair, Australian Greek Welfare Society, 1993-1995.

Mr Lekakis has also established, provided support to and acted as an advocate for various groups representing ethnic senior citizens, particularly seeking access for isolated seniors to community facilities.

Awards/recognition include:

Community Service Award, Hellenic Chamber of Commerce and Industry; for service to the Greek community.

Excellence in the Public Service Award, Australian Inter Cultural Society.

90 Legends Award, Victoria University; for initiating research within the Faculty of Business and Law.

OFFICER (AO) IN THE GENERAL DIVISION OF THE ORDER OF AUSTRALIA

Professor Patrick Dennistoun McGORRY, 35 Poplar Road, Parkville Vic 3052
For distinguished service to medicine, and to mental health as a leading clinician, researcher and scientist, through innovative reform of services, the development of national programs to support youth and raising public awareness.

Current Treasurer, Schizophrenia International Research Society (IEPA); Foundation President, 1997-2006; Co-Convenor of 6 International conferences for the IEPA.

Executive Board Member, International Society for Psychological Treatments in Schizophrenia and Related Psychosis, 1998-2006.

President, International Early Psychosis Association, 1998-2006.

Member, International Advisory Board, German Medical Competence Network on Schizophrenia, 2000-2006.

Board Member of *headstrong*.

Consultant, World Health Organization (Shanghai), 2005.

Executive Director, ORYGEN Research Centre, since 2002; Founder, Early Psychosis Prevention and Intervention Centre (ORYGEN's early psychosis service), 1991. Director of Clinical Services, ORYGEN Youth Health; Director, 1996-2006.

Chair, Executive Committee of *Headspace*; National Youth Mental Health Foundation.

Member, Australian National Mental Health Promotion and Prevention Working Party, since 2002.

Consultant, Victorian Foundation of Survivors of Torture, 1988-2006.

Program Adviser, Sunrise Foundation.

Member, Program Grant Review Committee, National Health and Medical Research Council, since 2006; Associate Investigator, Schizophrenia Unit, 1987-1992.

Member, Victorian Ministerial Advisory Committee on Mental Health, since 2004.

Consultant, Victorian Health Promotion Foundation, 1991-1998.

Consultant Psychiatrist, Victorian Transcultural Psychiatry Unit, 1990-1991.

Professor, Youth Mental Health, University of Melbourne, since 2006; Chair, Youth Mental Health; Associate Professor, Department of Psychiatry, 1992-1996; Professorial Fellow, School of Behavioural Sciences.

Head, Academic Unit, Royal Park Hospital, 1992-1996.

Current Visiting Professor, University of Stavanger and Rogaland Psychiatric Services, Norway.

Fellow, Academy of Social Sciences, 2006.

Federal Councillor, Royal Australian and New Zealand College of Psychiatrists, 2004-2006; Board Member, Professional and Community Relations, 1996-2004.

Foundation Editor-in-Chief, *Early Intervention in Psychiatry*, since 2007.

Associate Editor, *Schizophrenia Bulletin*.

Associate Editor, *Australian and New Zealand Journal of Psychiatry*.

Member, Editorial Board, *Schizophrenia Research*.

Published over 277 papers.

Awards/recognition include:

Centenary Medal, 2001.

Gold Award, ORYGEN Youth Health, Mental Health Services Conference for the best national clinical program in the child and adolescent category, 2008.

Inaugural Richard Wyatt Award, IEPA; for his contribution to the field of early psychosis, 2004.

Founders Medal, Australian Society for Psychiatric Research Annual Scientific Meeting, 2001.

Ian Simpson Award for contribution to research, Early Psychosis Prevention and Intervention Centre and the Victorian Foundation of Survivors of Torture, 1995.

Royal Australian and New Zealand College of Psychiatrists/Organon Senior Research Award, 1998.

Royal Australian and New Zealand College of Psychiatrists/Organon Junior Research Award for significant research contributions, 1991.

Best Program Award, South Australian Postgraduate Medical Education Association, 1997.

Australia and New Zealand Mental Health Services Achievement Award, several times.

OFFICER (AO) IN THE GENERAL DIVISION OF THE ORDER OF AUSTRALIA

Professor Michael Alexander McROBBIE,

Indiana University, 107 South Indiana Avenue, Bryan Hall 200,
Bloomington IN 47405, United States of America

For distinguished service to tertiary education, particularly through administrative roles and to contributions in the field of information technology and in developing international alliances between universities.

President, Indiana University, United States of America, since 2007; Indiana University consists of 8 campus systems, 5,000 faculty, 11,000 staff and 100,000 students with a total budget of over \$2.7 billion.

Chairman, Board of Directors, Indiana University Foundation, since 2007.

Chair, Research and Technology Corporation, since 2007.

Ex Officio Board Member, Kinsey Institute, 2003-2006.

Member, Indiana's Education Roundtable, since 2007.

Council Member, Foreign Relations Higher Education Working Group on Global Issues, since 2007.

Interim Provost and Vice-President, Academic Affairs, Bloomington Campus, 2006-2007.

Vice-President, Research, 2003-2006.; instrumental in securing a \$53 million grant from the Lilly Endowment for the Indiana Metabolomics and Cytomics Initiative; established the New Frontiers in the Arts and Humanities Program.

Professor of Informatics and Cognitive Science, 2002.

Chief Information Architect of the Indiana Genomics Initiative, School of Medicine, 2000.

Vice-President, Information Technology, and Chief Information Officer, 1997-2006; initiated Information Technology Strategic Plan; initiated School of Informatics; Directed the development of I-Light; Member, Internet2 Network Planning Policy Council, 1998-2005; Member, Abilene Network Executive Committee, 1998-2002; Founded, Pervasive Technology Laboratories, 1999.

Professor, Computer Science Philosophy and Computer Technology, since 1997.

Involved in co-operative agreements in research and education with universities in China, Japan, Korea and Israel.

Member, Big Ten Council of Presidents and Chancellors, since 2007.

Member, Board of Directors, Central Indiana Corporate Partnership, since 2007.

Principal Grants Investigator, National Science Foundation.

Member, Board of Directors, BioCrossroads, since 2007.

Member, Academic Advice Council, Sun Microsystems, 1998-2007.

Co-Founder, Asia Pacific Advanced Network (APAN), 1996.

Honorary Director, Laboratory for Formal Aspects and Complexity in Computer Science, University of Cape Town, South Africa, 1992-1999.

Member, Board of Governors, Riley Children's Foundation, since 2007.

Member, Board of Directors, Indianapolis Symphony Orchestra, since 2007.

Board Member, Clarian Health Partners, since 2007.

Member, Indiana Chamber of Commerce, since 2007.

Currently establishing a collaborative agreement between the Australian National University and the Indiana University.

Professor and Executive Director, Centre for Information Science Research, Institute of Advanced Studies, Australian National University (ANU), 1990-1996; Executive Director, 1987-1990.

Instrumental in the development and management of the ANU and Fujitsu Joint Collaborative Research and Development Agreement.

Chief Executive Officer and Executive Director, Co-operative Research Centre for Advanced Computational Systems, 1992-1996.

Provided advice to Government and universities on the Australia's Academic and Research Network Scheme.

Director, Parallel Computing Research Facility.

Reader, 1987-1990; Research Fellow, 1983-1987.

Head and Director, Automated Reasoning Project, Research School of Social Sciences, 1987-1991.

Corresponding Member, Broadband Advisory Group, Commonwealth Department of Communications, Information Technology and Arts, 2001-2003.

Chair, Canberra/Nara Sister City Committee, 1994.

Research Fellow, University of Melbourne, 1981-1983.

Research Fellow, La Trobe University, 1979-1981.

Honorary Member, Australian Academy of Humanities.

Honorary Member, Alliance of Distinguished and Titled Professors.

Author, various scientific books, articles and edited volumes.

Speaker at various national and international conferences.

Served on numerous government, research and private sector committees, boards and advisory groups nationally and internationally.

Awards/recognition include:

Honorary Doctor of Science, SungKyunKwan University, Korea, 2008.

Honorary Doctor of Science, University of Queensland, 2007.

Sagamore of the Wabash, State of Indiana Office of the Governor, 2007.

10th Anniversary Award, Asia Pacific Advanced Network, 2006.

Technical Trailblazer Award, TechPoint, 2006.

Named on Premier 100 Information Technology Leaders, *Computer World* magazine, 2004.

OFFICER (AO) IN THE GENERAL DIVISION OF THE ORDER OF AUSTRALIA

Ms Judith Rose MUNRO, Paddington Qld 4064

For distinguished service to local government, particularly the Brisbane City Council, and to the community through contributions to business, professional development and philanthropic organisations.

Chief Executive Officer, Brisbane City Council, since 2000; Divisional Manager, Department of Recreation and Health, 1994-1997.

Director, City of Brisbane Investment Corporation, since 2008.

Chair, Local Government National Drug Advisory Committee, since 2004.

Chair, Local Government Sub-Committee, Inter Governmental Committee on Drugs.

Chief Executive Officer, City of Adelaide, 1997-2000.

Chief Executive Officer, former City of St Kilda, 1991-1994; responsible for the preparatory planning for the city amalgamation with the Port of Melbourne and South Melbourne.

Interim Chief Executive Officer, City of Moreland, Victoria, 1994; responsible for the critical first stages of the amalgamation of the former Cities of Brunswick and Coburg.

President, Queensland Division, Institute of Public Administration of Australia, 2001-2005; National Fellow, 2006.

Fellow, Local Government Managers Australia.

Fellow, Australian Institute of Management.

Fellow, Australian Institute of Company Directors.

Honorary Specialist Consultant, Chain Reaction Foundation.

Director, Translink Transit Authority, since 2008.

Director, United Way Queensland, since 2003.

Director, International Riverfoundation, 2004-2008.

Director, Brisbane River Festival, 2000-2005.

Director, Australia TradeCoast, since 2002.

Director, Brisbane Institute, since 2000.

Director, Adelaide City Marketing, 1997-2000.

Director, 7th Australian Masters Games, Adelaide, 1998-1999.

OFFICER (AO) IN THE GENERAL DIVISION OF THE ORDER OF AUSTRALIA

Professor Gordon Barraclough PARKER, Northwood NSW 2066

For distinguished service to psychiatry as a clinician and researcher, particularly as a major contributor to the understanding and innovative treatment of mood disorders and as founder and Executive Director of the Black Dog Institute.

Founder, Executive Director and Director of Research, Black Dog Institute, since 2002; Public Officer, since 2001.

Professor of Psychiatry, University of New South Wales, since 1983, Scientia Professor, since 2001; Head of School of Psychiatry, 1983-2002.

Director, Psychiatry, Prince of Wales and Prince Henry Hospitals, 1983-1996.

Founder and Research Director, Mood Disorders Unit (MDU), 1985; which was originally sited at the Prince Henry Hospital and moved to the Prince of Wales Hospital in 1999.

In 2001 the MDU became the Black Dog Institute in a new building at the Prince of Wales Hospital.

Clinical Director, Mental Health, Eastern Area Health Service, Sydney, 1992-1995.

Part-time Research Director, Institute of Mental Health, Singapore, 1998-2000.

Fellow, The Royal Australian and New Zealand College of Psychiatrists, since the mid 1970s; Member, Board of Practice Standards; Board of Research, Education Committee, Inaugural Chair, Quality Assurance Committee and New South Wales Branch.

Former Member, NSW Guardianship Board.

Former Member, NSW Administrative Appeals Board.

Former adviser, International Advisory Board, Diagnostic and Statistical Manual Task Force for Mood Disorders and Personality Disorders, American Psychiatric Association.

Author, Editor, Presenter, Lecturer; has authored 10 books, edited 3 others, written 31 book chapters for inclusion in peers' works, and written more than 500 scientific articles.

One of the most highly cited Australians in the domain of psychiatry/psychology, and one of the most productive Australians in peer-reviewed publications over the past 10 years.

Editor, *Australian and New Zealand Journal of Psychiatry*, 1979-1987.

Monthly columnist, *Medical Observer*, 2005-2008; on diagnosing and managing mood disorders and which is distributed to most general practitioners in Australia.

Currently on the editorial board of 16 international scientific journals.

Author of one book of fiction, 1966; and one play, 2004.

TV writer and radio broadcaster for the ABC.

OFFICER (AO) IN THE GENERAL DIVISION OF THE ORDER OF AUSTRALIA

Ms Elizabeth Mary PROUST, Eaglemont Vic 3084

For distinguished service to public administration and to business, through leadership roles in government and private enterprise, as a mentor to women, and to the community through contributions to arts, charitable and educational bodies.

Director, Perpetual Ltd, since 2006.

Director, Insurance Manufacturers Pty Ltd, since 2006.

Director, Sinclair Knight Merz Pty Ltd, since 2007.

Director, Spotless Ltd, since 2008.

Director, Major Performing Arts Board, since 2009.

Chairman, Nestle Australia, since 2009.

Managing Director, Esanda, 2002-2005; Managing Director, Metrobanking, 2001; Group General Manager Human Resources, Corporate Affairs and Management Services, 1998-2001.

Director, Mayne Nickless, 1994-1995.

Manager, Supply and Development, BP Australia, 1986; Manager, Asia and Pacific Government and Public Affairs (London), 1985-1986; Adviser, Government and Public Affairs, 1980-1982.

Chairman, Defence Management Review, 2006-2007.

Secretary, Department of Premier and Cabinet, Victoria, 1995-1997.

Chief Executive Officer, City of Melbourne, 1990-1995.

Secretary, Attorney-General's Department, Victoria, 1988-1990.

Deputy Director General, Department of Industry, Technology and Resources, Victoria, 1987.

Adviser, Premier of Victoria (The Honourable John Cain), 1982-1985; Chief of Staff, 1984.

Chairman, The Pipeline Authority, 1992-1994; including privatisation.

Director, State Electricity Commission of Victoria, 1986-1988.

Mentor, Merryck & Co, 2006-2008.

Current Board Member, Major Performing Arts Board.

Director, Melbourne International Festival of the Arts, 1985-1995.

State Orchestra of Victoria, 1987-1990.

Chairman, Melbourne Symphony Orchestra, 2004-2008.

Current Patron, Mary McKillop Foundation.

Trustee, National Breast Cancer Foundation, 2000-2006.

Member, Advisory Council, The Salvation Army.

Director, Nonprofit Australia, 2006-2009.

Inaugural Chair, Campus Council, Royal Children's Hospital, 2007.

Former Member, Future of Melbourne Reference Group, City of Melbourne.

Member, St Patrick's Cathedral Fundraising Committee, 1996-1998.

Member of the Councils of the Universities of Melbourne, 1998-2001; and RMIT.

Chairman, Centre for Dialogue, La Trobe University, 2006-2008; Member of Council.

OFFICER (AO) IN THE GENERAL DIVISION OF THE ORDER OF AUSTRALIA

Professor Shirley Kaye RANDELL AM,

Kigali Institute of Education, PO Box 5039, Remera, Kigali, Rwanda

For distinguished service to international relations, particularly through the promotion of human rights of women and through public sector reform in developing countries.

Dr Randell was appointed a Member of the Order of Australia in The Queen's Birthday 1988 Honours List for her public service, particularly in the field of education.

The following summarises her service and involvement since then.

Dr Randell is the Managing Director, Shirley Randell International and Associates and works extensively in the public sector reform and gender mainstreaming fields in Rwanda, Bangladesh, Fiji, Papua New Guinea, Vanuatu, Sri Lanka, Solomon Islands, United Kingdom and Australia.

Founding Director Centre for Gender, Culture and Development, Kigali Institute of Education, Rwanda, 2009-2010. Senior Adviser, Education and Governance for Empowerment, SNV Organisation Neerlandaise de Developpement, Rwanda, 2008.

Technical Adviser, UNIFEM Pacific/City of Port Moresby, Papua New Guinea, Capacity/Training Needs Assessment for the National Capital District Gender Office and Women Councillors, 2008.

Senior Adviser, Governance/Gender/Water, Sanitation and Hygiene, SNV Organisation Neerlandaise de Developpement, East and South Africa Region, 2006-2007.

Project Implementation Specialist, United Nations Development Program/Government of Bangladesh Ministry of Women and Children Affairs, 2004-2005.

Public Sector Reform Expert, World Bank/Capacity Building and Economic Management Project Strategy for Improvemnet of Recruitment and Reducing Attrition in the Gambian Civil Service, 2004.

Interviewer, Impact Assessment Project, ACP-European Union Technical Centre for Agricultural and Rural Co-operation, Vanuatu, 2003.

Principal Consultant, European Union/Vanuatu Association of Women Graduates Non State Actors Project, 2003.

Adviser, EUVED Junior Secondary School Expansion Project, European Union, 2003.

Executive Officer, Assisting Communities Together Project, United Nations Commission for Human Rights, UNDP/Vanuatu Association of Women Graduates, 2003.

Projects Adviser, Vanuatu Immigration Department, 2003.

Team Leader, Vanuatu Human Rights Project, AusAID/Vanuatu Association of Women Graduates, 2002.

Author, Editor and Publisher, *Ni-Vanuatu Role Models*, Blackstone Publishing/Asian Development Bank, Vanuatu, 2001. Trainer, Vanuatu Department of Agriculture, 2001.

Performance Improvement Adviser on Comprehensive Reform Program for the Government of the Republic of Vanuatu, Public Service Commission, 1999-2000.

Local Government Consultant, Solomon Islands Provincial Government Review for the Department of Provincial Government and Rural Development, 1999.

Developed staff training programs for Quality Management and a Quality Management Framework in conjunction with the Sri Lanka Standards Institute, 1999.

Performance Management Systems and Gender and Development Specialist on Fiji Department of Customs and Excise Institutional Strengthening Project, Fiji (Overseas Projects Corporation of Victoria/International Development Program/AusAID), 1997-1998; developed Human Resources Management Effectiveness Policy; established the Fiji Customs Women's Network and developed Equity and Ethics policies.

Women, Youth and NGO Specialist for Labour, Employment and Skills Development Policy Development Project for the National Planning Office, Papua New Guinea (WD Scott International/ADB), 1997.

Vice-President, International Federation of University Women, since 2007; International Projects Convenor, 2004; involved since 1974.

Trainer, Research Institute for Asia and the Pacific, University of Sydney, 2002.

Chief Executive Officer, City of Whitehorse, Victoria, 1995-1996.

Director/Chief Executive Officer, Council of Adult Education, Melbourne, 1991-1994.

Dean of Academic Affairs, Ballarat University College (now University of Ballarat), 1989-1990; Acting Dean, Arts Education and Humanities.

National Vice-President and Convenor, Co-operation for Development, YWCA.

Service with Rotary International includes:

Administration Director, Kigali, Rwanda, 2007-2008.

International Director, Dhaka North West, Bangladesh, 2004-2005.

President, Port Vila, Vanuatu, 1999-2001.

Member, Sydney, 1997-1999.

Member, Melbourne, 1991-1997.

OFFICER (AO) IN THE GENERAL DIVISION OF THE ORDER OF AUSTRALIA

His Honour Judge Michael ROZENES,

Chief Judges' Chambers, County Court, 250 William Street, Melbourne Vic 3000

For distinguished service to the judiciary, particularly as Chief Judge of the County Court of Victoria and the Commonwealth Director of Public Prosecutions, and through contributions to law reform and legal education.

Chief Judge, County Court of Victoria, since 2002; established judicial management model; improved infrastructure, governance and case management procedures; oversaw reforms in the Court's civil jurisdiction, 2007; and established the Sex Offences List, 2005.

Director, Office of the Commonwealth Director of Public Prosecutions, 1992-1997.

Involvement included:

- Member, Heads of Operational Law Enforcement Agencies.
- The prosecution of 3 cases under the *War Crimes Act*.
- The prosecution of corporate cases under the new *Corporations Law 2001*.
- The establishment of the Committee of the Australian Directors of Public Prosecutions.
- Amendments to the provisions of the *Administrative Decisions (Judicial Review) Act 1977*.
- Development of computer technology to reduce case preparation and court time.
- Extended operations of the Commonwealth Director of Public Prosecutions to Tasmania and Northern Territory.

Council Member, The Victorian Bar, 1988-1992 and 2001-2002; Member, Ethics Committee, for 5 years.

Chair, Executive Committee, Criminal Bar Association, 1998-2001; Member, for some years.

Queen's Counsel, since 1986.

Admitted to practice, 1972.

Current Board Member, Judicial College of Victoria.

Current Board Member, Monash Law Foundation.

Current Member, Sexual Assault Advisory Committee, Victorian Government.

Current Chairman, Victorian Electoral Boundaries Commission.

Current Convener, Life in the Law; a support group for law practitioners who are considering leaving the legal profession.

Former Council Member, The Australasian Institute of Judicial Administration Incorporated; Member, Project and Research Committee.

Former Board Member, Victorian Council of Legal Education.

Co-Chair, Australian Criminal Law National Liaison Committee, Law Council of Australia, 2002.

Member, Working Group on Criminal Trial Procedure, Standing Committee of Attorneys-General, 1999.

Consultant on submissions to the Law Reform Commission and Parliamentary Committees.

Counsel, various Royal Commissions.

Former Member, Board of Governance, Melbourne Health Inc, for several years.

Chairman, Board of the Jewish Museum of Australia.

OFFICER (AO) IN THE GENERAL DIVISION OF THE ORDER OF AUSTRALIA

The Honourable Anthony Maxwell RUNDLE, Devonport Tas 7310

For distinguished service to the Parliament of Tasmania through leading law reform policy, the advancement of government services and economic development, and to the community.

Service to the Parliament of Tasmania includes:

Premier, 1996-1998.

Treasurer, 1993-1998.

Chairman, Tasmanian Wilderness World Heritage Area Ministerial Council.

Minister for State Development, 1996-1998.

Minister for Energy, 1995-1996.

Minister for Finance, 1993-1996.

Minister for Racing and Gaming, 1993-1996.

Minister for Employment, 1993-1996.

Minister for Forestry/Mines, 1992-1993.

Assisting Minister for State Development and Resources, 1993-1996.

Leader of the Opposition, 1998-1999.

Shadow Minister for Energy, 1998-2002.

Shadow Minister for Planning, 2001-2002.

Shadow Minister for Planning and Inland Fisheries, 1999-2001.

Shadow Minister for Tourism, 1999-2001.

Shadow Minister for National Parks and Public Lands, 1999-2001.

Shadow Minister for Small Business, 2001.

Shadow Minister for Treasury and Finance, 1998-1999.

Shadow Minister for Employment, 1998-1999.

Shadow Minister for Tourism and Transport, 1989-1992.

Speaker, House of Assembly, 1988.

Government Whip, 1986-1989.

Member for Braddon, 1986-2002.

Chairman, Australian Fisheries Management Authority, 2004-2009.

Master Warden, Board, Port of Devonport Authority, 1982-1987; Member, Board, 1977-1990.

OFFICER (AO) IN THE GENERAL DIVISION OF THE ORDER OF AUSTRALIA

Professor Vicki Rubian SARA,

University of Technology, Sydney, PO Box 123, Broadway NSW 2007

For distinguished service to science through contributions to research and policy development, and to higher education as Chancellor of the University of Technology, Sydney.

Director, Australian Institute of Commercialisation, 2007-2010.

Director, Australian Centre for Plant Functional Genomics, 2004-2009.

Chair, Australian Stem Cell Centre, 2005-2008.

Chief Executive Officer, Australian Research Council, 2001-2004; Chair, 1997-2001; Chair, Committee for International and National Co-operation, 1997, Member, since 1997; Member, Research Training and Careers Committee, 1994-1996.

Adjunct Professor, Karolinska Institute, Sweden, 1995-2007.

Vice-Chair, Global Science Forum, Organisation for Economic Co-operation and Development (OECD), 1999-2004.

Member, OECD Workshop Science Funding in Transition, 2002.

Member, OECD Special Ministerial Meeting of Committee of Science and Technology Policy, 1999.

Member, Research and Development Leaders Advisory Board, Asia-Pacific Economic Co-operation (APEC), 2002-2004.

Member, Rio Tinto Foundation for a Sustainable Minerals Industry Advisory Board, 2002-2007.

Member, Coordination Committee on Science and Technology, 1998-2004.

Board Member, Commonwealth Scientific and Research Organisation, 1998-2003.

Member, National Innovation Awareness Council, 2001-2003.

Member, Prime Minister's Science, Engineering and Innovation Council, 1998-2001.

Director, Menzies Research Institute, 2004-2005.

Chair, Bureau of Meteorology Advisory Board, 2003-2005.

Member, Co-operative Research Centres Committee, 2000-2005.

Member, Prime Minister's Science Prize Committee, 2001-2004.

Member, ACT Science and Technology Advisory Council, 1998-2001.

Member, Australia-Korea Foundation Board, 1998-2001.

Member, Anglo Australian Telescope Board, 1998-2001.

Member, Australian Council for Educational Research, 1998-1999.

Head, Endocrine Pathology Research Unit, Karolinska Institute's Department of Pathology, Karolinska Hospital, Sweden, 1987-1992; Associate Professor and Senior Research Fellow, 1980-1987.

Chancellor, University of Technology, Sydney, since 2004.

Dean, Faculty of Science, Queensland University of Technology, 1996-1997; Professor and Head, School of Life Science, 1993-1996.

Member of Executive, Australian Council of Deans of Science, 1996-1997.

Major committees and delegations include

National Science Council of China Roundtable, Taipei, 2002.

Swiss National Research Council 50th Anniversary: International Jubilee Workshop, Berne, 2002.

National Science Foundation of China 15th Anniversary Conference, Beijing, 2001.

New Zealand Ministry of Research, Science and Technology Workshop on science and technology linkages, Wellington, 2001.

APEC Science and Technology Policy Forum, Science Technology and Innovation for the New Economy: Building Capacity across APEC, Penang, 2001.

National Science and Technology Board of Singapore Roundtable, Singapore, 2001.

OECD/BMBF (Federal Ministry of Education and Research) Conference on Benchmarking Industry-Science relationships, Berlin, 2000.

Australia/European Union (EU) Policy Workshop and Joint Australia/EU Science and Technology Co-operation meeting, Brussels, 2000.

Australia/Japan Joint Science and Technology Consultative Committee, Tokyo, 1999.

Australia-Malaysia Senior Officials for Science and Technology Co-operation, Kuala Lumpur, 1999.

Fellow, Australian Academy of Science, 2001.

Fellow, Academy of Technological Sciences and Engineering, 1998.

Member of the New York Academy of Science, Endocrine Society of America, and the Cancer Society, Stockholm.

Awards/recognition include:

Centenary Medal, 2001.

Honorary Doctor of Science, University of Technology, Sydney, 2009.

Honorary Doctorate, Queensland University of Technology, 2006.

Honorary Doctor of Science, Victoria University, 2005.

Honorary Doctor of Science, University of Southern Queensland, 2004.

Sir John Eccles Award, National Health and Medical Research Council, 1994.

Rolf Luft Medal, Karolinska Institute, Sweden, 1993; for her research in endocrinology.

OFFICER (AO) IN THE GENERAL DIVISION OF THE ORDER OF AUSTRALIA

Professor Robert Lyndsay SUTHERLAND, Lindfield NSW 2070

For distinguished service to medicine as an international contributor to the research of cancer, the development of Australia's research capacity and through leadership roles in advisory bodies.

Professor and Director, Cancer Research Program, Garvan Institute of Medical Research, since 1989.

Inaugural and Current Director, The Kinghorn Cancer Centre.

Senior Principal Research Fellow, National Health and Medical Research Council, since 1990.

Professor, School of Medicine, University of New South Wales, since 1991.

Principal Research Fellow, Ludwig Institute for Cancer Research, University of Sydney, 1984-1985; Senior Research Fellow, 1978-1984.

Research Scientist, Commonwealth Scientific and Industrial Research Organisation, 1976-1977.

Has held positions with a range of organisations including:

Australia Society of Medical Research; Endocrine Society of Australia; Australian Cancer Research Foundation, 1987-2007; Cancer Australia; Cancer Institute of NSW; Cancer Council NSW, 1997-2003; Australian Academy of Science; and the National Health and Medical Research Council.

Life Member, Australian Cancer Research Foundation, 2009.

Australian Representative, Scientific Council of the International Agency for Research on Cancer, World Health Organization, 2005-2008.

Author of 300 scientific/medical papers.

Fellow, Australian Academy of Science, since 2002.

Awards/recognition include:

Centenary Medal, 2001.

Ramaciotti Medal for Excellence in Medical Research, 2000.

OFFICER (AO) IN THE GENERAL DIVISION OF THE ORDER OF AUSTRALIA

His Excellency Mr Peter J N VARGHESE, ACT

For distinguished service to public administration, particularly in leading reform in the Australian intelligence community and as an adviser in the areas of foreign policy and international security.

Australian High Commissioner to India, since 2009.

Australian High Commissioner to Malaysia, 2000-2002.

Served on overseas postings in Tokyo, 1994; Washington, 1985-1988; Vienna, 1980-1983.

Director-General, Office of National Assessments, 2004-2009.

Senior Adviser (International) to the Prime Minister, 2003.

Deputy Secretary, Department of Foreign Affairs and Trade, 2002-2003; First Assistant Secretary, International Security Division, 1996-1997; Head, White Paper Team, 1996-1997; First Assistant Secretary, Public Affairs Division, 1994-1996; Assistant Secretary, Personnel, 1991-1992; Director, Speech Writing Unit, 1988-1990.

First Assistant Secretary, International Division, Department of Prime Minister and Cabinet, 1998-1999.

Board Member, Australia Indonesia Institute, March-July 2003.

OFFICER (AO) IN THE GENERAL DIVISION OF THE ORDER OF AUSTRALIA

The Honourable John William VON DOUSSA, Crafers West SA 5152
For distinguished service to the law, particularly as President of the Australian Human Rights and Equal Opportunity Commission, as a Judge through contributions to Federal and International Courts, and to higher education.

President, Human Rights and Equal Opportunity Commission, 2003-2008.
Acting Federal Sex Discrimination Commissioner, Human Rights and Equal Opportunity Commission, 2006-2007.
Chair, Asia Pacific Forum, National Human Rights Institutions, 2007-2008.

Judge, Federal Court of Australia, 1988-2003.
Judge, Industrial Relations Court of Australia, 1994-2003.
Additional Judge, Supreme Court of the Australian Capital Territory, 1989-2003.
Judge, Supreme Court of South Australia, 1986-1988.
Judge, Court of Appeal, Vanuatu, since 1997.
Judge, Supreme Court of Fiji, 2003-2008.

Chancellor, University of Adelaide, since 2004.
Foundation Member, Australian Academy of Law, since 2007.
Actively involved in legal education, including tutoring and pioneering the Graduate Diploma in Legal Practice at the University of South Australia.

President, Australian Competition Tribunal, 1993-2003; Deputy President, 1996-1999.
Presidential Member, Administrative Appeals Tribunal, 1993-2003.
Commissioner (part-time), Australian Law Reform Commission, 1992-2003.
Vice President, Law Council of Australia, 1984-1986.
President, Law Society of South Australia, 1982-1983; Vice-President, 1978-1982.
Queen's Counsel, 1978-1986.

Deputy Chairman, Onkaparinga Racing Club, 1982-1988; Committee Member, 1972-1988.

Awards/recognition include:
Centenary Medal, 2001.
Ambassador, White Ribbon Day, 2005-2007.

OFFICER (AO) IN THE GENERAL DIVISION OF THE ORDER OF AUSTRALIA

Mr Samuel Maurice WALSH, Dalkeith WA 6009

For distinguished service to the mining industry through the development and implementation of large scale export strategies, and to the community of Western Australia, particularly through employment programs supporting Indigenous communities.

Chief Executive, Rio Tinto Iron Ore Division, since 2004; Executive Director, Rio Tinto Ltd, since 2009.

Chairman, Rio Tinto WA Future Fund, since 2004.

Current Vice-President, Australia-Japan Business Co-operation Committee.

Current Councillor, Western Australian Chamber of Commerce.

Current Chairman, Blackswan State Theatre.

Current Chairman, Australian Business Arts Foundation (WA).

Current Chairman, Committee for Perth Alumni.

Current Chair, WA Chapter, Australia Business Arts Foundation.

Current Director, Western Australian Newspapers.

Current Member, Ministerial Council for Suicide Prevention.

Current Member, Chartered Institute of Purchasing and Supply.

Current Patron, WA State Library Foundation.

Current Patron, Hackett Foundation, University of Western Australia.

Former appointments include:

Chief Executive, Rio Tinto Aluminium Division.

Chairman, Comalco Community Fund.

President, Australian Aluminium Council.

Vice-President, International Aluminium Institute.

Vice-President, Australian Minerals and Metals Association.

Vice-President, Chamber of Minerals and Energy of Western Australia.

Director, Australian Chamber of Commerce and Industry.

Director, Australian Institute of Management.

Director, Centre for Strategic and Industrial Resource Development, Queensland.

Director, Co-operative Research Centre - Casting and Solidification Technology.

Director, Committee for Perth Ltd, 2006-2009.

Member, Monash University Manufacturing Round Table.

Director, Victorian Yachting Council; and former Chairman, Small Boats Committee.

Fellow, Australian Institute of Management, 1996.

Fellow, Australian Institute of Mining and Metallurgy.

Fellow, Australian Institute of Company Directors.

Awards/recognition include:

Honorary Doctor of Commerce, Edith Cowan University, 2010.

Western Australian Citizen of the Year (Industry and Commerce), 2007.

Australian Export Hero, 2007.

OFFICER (AO) IN THE GENERAL DIVISION OF THE ORDER OF AUSTRALIA

Mr Ian James WILLIAMS, 19 Colonial Gardens, Mosman Park WA 6012

For distinguished service to the Indigenous community of Western Australia and Queensland through the establishment of training programs providing sustainable employment in the mining industry, the promotion of social responsibility and as a supporter of business development initiatives.

Managing Director, Century Zinc, then Executive General Manager, Mining, Pasminco, 1994-2002; instrumental in the development and implementation of the Gulf Communities Agreement involving the Carpentaria Land Council.

Founding Member, Parakeelya Foundation, since 2003; business development organisation working exclusively with Indigenous Australians.

Inaugural Trustee, Gelganyen and Kilkaya Trusts, 2004-2008.

Director Chairman, IBN Foundation.

Chairman, Karaya Mugarinya Development, South Hedland; housing development.

Chairman, Advisory Board, Centre for Social Responsibility in Mining, 2001-2007.

Chairman, Port Hedland Port Authority.

Member, Australian Respiratory Council Working Group, Indigenous Health Project.

Member, Export Review Panel, Industry Research Project; small business participation in mining, gas and oil supply chains.

Fellow, Engineers Australia, 1986.

Fellow, Australian Institute of Mining and Metallurgy, 1980.