

Professor Graeme M. Clark AC, FAA, FRS, Hon.FRCS

Curriculum Vitae

Honours (civil)

- 2004 Companion of the Order of Australia (AC)
(for services to medicine and to science through innovative research to further the development of cochlear implant technology for worldwide benefit-Australia's highest civil honour)
- 1983 Officer of the Order of Australia (AO)
(for services to medicine)

Fellow or Member of Academic Societies by Election

- 2009 Honorary Bragg Membership, The Royal Institution of Australia
(one of the first 17 outstanding Australian scientists and communicators to be elected)
- 2007 Fellow of the American Institute of Medical and Biological Engineering
- 2004 Fellow of the Royal Society
(for contribution to science, both in fundamental research resulting in greater understanding, and in leading and directing scientific and technological progress in industry and research establishments)
- 2004 Honorary Fellow, Royal College of Surgeons, England
(supreme single award of the College for outstanding achievement in medicine)
- 2004 Fellow of the Australian Acoustical Society
(for notable contribution to the science and practice of acoustics)
- 2003 Honorary Fellow, The Royal Society of Medicine, London
(for exceptional distinction, and recipients drawn from across the world and from a wide range of endeavour, particularly from the medical sciences)
- 2002 Honorary Member of the American Otological Society
(for long standing contributions to otology)
- 1998 Fellow of the Australian Academy of Science
(for outstanding contributions to science)
- 1998 Fellow of the Australian Academy of Technological Sciences and Engineering
(for outstanding contributions to science and technology)
- 1993 Honorary Member, Section of Otology, The Royal Society of Medicine, London
(for outstanding contributions to otology)
- 1992 First Honorary Fellow, Audiological Society of Australia

Honorary Doctorate Degrees

- 2010 Doctorate *honoris causa*, The University of Zaragoza, Spain
- 2004 Doctorate of Laws *honoris causa* (Hon. LLD), Monash University
- 2003 Doctorate of Engineering (Hon. DEng), Chung Yuan Christian University, Taiwan
- 2002 Doctorate of Science *honoris causa* (Hon. DSc), University of Wollongong, Australia
- 1989 Doctorate of Medicine *honoris causa* (Hon. MD), University of Sydney, Australia
- 1988 Doctorate of Medicine (Hon. MD), Medizinische Hochschule, Hannover, Germany

Scientific Prizes or Medals

- 2011 Zotterman Medal, Nobel Institute for Neurophysiology, Karolinska Institutet, Stockholm (*past winners include Lord Adrian, Nobel Prize in 1932; Bert Sakmann Nobel and Harvey prizes in 1991; Vernon Mountcastle Albert Lasker award; and in 2003 David Julius awarded the Shaw prize for medical research*)
- 2010 Lister Medal, Awarded 3-yearly by the Royal College of Surgeons of England and Glasgow, The Royal Society, Edinburgh University (The World's most prestigious award in the surgical sciences)
- 2009 Otto Schmitt Award, The International Federation of Medical and Biological Engineering
(*for exceptional contributions to the advancement of the field of medical and biological engineering presented every three years at the World Congress on Medical Physics and Biomedical Engineering*)
- 2007 Lifetime Achievement Award, the Faculty of Medicine, Nursing and Health Sciences, Monash University
(*the highest award made by the faculty*)
- 2007 Zülch Prize from the Getrud Reemtsma Foundation administered by Max Planck Society
(*for exceptional achievement in basic neurological research*)
- 2006 Ian Wark Medal and Lecture, Australian Academy of Science
(*for contributions to Australian science and industry*)
- 2005 International Speech Communication Association Medal
(*for significant contribution to the progress of speech science and technology*)
- 2005 Royal College of Surgeons of Edinburgh Medal, awarded at the Quincentenary Celebrations of the College
(*for outstanding contributions to medicine*)
- 2005 A. Charles Holland Foundation International Prize
(*for fundamental contribution to the progress of knowledge in the audiological/otological field*)
- 2005 Excellence in Surgery Award, Royal Australasian College of Surgeons

(recognising the highest level of surgical achievement by world standards, advanced innovation in the field, continued quality and worth of the innovation, and the highest standard of ethics)

- 004 Prime Minister's Prize for Science
(in recognition of outstanding achievement by Australians in science and technology which promotes human welfare-Australia's premier award in science)
- 1999 Victoria prize
(a celebration of outstanding achievements in science, engineering and technology)
- 1997 Sir William Upjohn Medal, The University of Melbourne
(awarded every five years for outstanding contributions to medicine)
- 1992 James Cook Medal, The Royal Society of New South Wales
(awarded for outstanding contributions to science and human welfare in and for the Southern Continent)

Other Academic Honours & Awards

- 2011- The Graeme Clark Research Institute, Tabor College, Adelaide
- 2010 The Graeme Clark Prize for Innovation in the Sciences, Year 12, Scots College, Sydney
- 2009-2012 Distinguished Professor, La Trobe University
(the first Distinguished Professor appointed to La Trobe University)
- 2009- The Graeme Clark Centre for Innovation in the Sciences, The Scots College, Sydney
- 2008- ICT for Life Sciences, Graeme Clark Annual Oration
- 2008- Australian Research Council's Graeme Clark Research Outcomes Forum
(to showcase the outstanding achievements of ARC Centres and Researchers)
- 2008- The Graeme Clark Foundation
- 2003- The Graeme Clark Cochlear Scholarship Foundation
(for Cochlear Implant Tertiary Students awarded on the basis of academic achievement and commitment to the Cochlear ideals of leadership and humanity)
- 1999-2004 Laureate Professor, The University of Melbourne, Australia
(for international recognition of scientific achievement)
- 2002 The Graeme Clark Room
(The Ear Foundation, Marjorie Sherman House, Nottingham, UK)
- 2002 Aram Glorig Award, International Society of Audiology
(in recognition of a lifetime's contribution to audiology)
- 2000 Cavalcade of Science Honour Award, Australian Institute of Political Science
(one of the eleven most outstanding Australian scientists of the 20th Century)
- 1999 Rio Tinto Science Heroes Award, Australian Science Festival for Industry
- 1993 The Inaugural Volta Award, Cochlear Implant Club International
(for pioneering work in developing multichannel cochlear implants)
- 1992 Clunies Ross National Science & Technology Award,
(for application of science and technology for the benefit of Australia)
- 1988 Fletcher Award in Technical Application, New York League for the Hard of Hearing

- 1986 Elected a Member of Collegium Oto-Rhino-Laryngologicum Amicitiae Sacrum
- 1986 Australian Vice-Chancellors' nominee to represent medical research in Australia at Houston Festival honouring Australia
- 1985 Royal Australasian College of Surgeons, John Mitchell Crouch Fellowship Award for Surgical Research
(for an outstanding contribution to fundamental scientific research in surgery)
- 1984 BHP Award for the Pursuit of Excellence (Science and Technology)
- 1970 Bertha Sudholz Prize, Otolaryngology, Adelaide University, Australia

Honours (community)

- 2010 – 2011 Honour Board for Distinguished Old Boys of Sydney Boys High School
- 2007 The William Wilberforce Award
(presented at Parliament House, Melbourne, 30 November 2007)
- 2007 The Australian Broadcasting Commission's Boyer Lectures on 'Restoring the Senses' *(a series of talks by prominent Australians broadcast on ABC Radio for more than 40 years to present ideas on major social, scientific or cultural issues)*
- 2007 Deafness Foundation (Victoria) - Peter Howson Medal
(for outstanding contributions in the field of Deafness) (for an outstanding lifetime contribution to the deaf & hearing impaired)
- 2004 Australian Father of the Year Award
(for his vision, determination and pioneering work in developing the bionic ear)
- 2002 Centenary Medal
- 2002 Australian Entrepreneur of the Year Award (Southern Region)
- 2001-2002 Senior Australian of the Year
(for outstanding contribution to the welfare of Australians and international commitment)
- 1999 National Australia Day Council, Australian Achiever's Award
(for pioneering research to enable the profoundly deaf to hear)

Named Lectures

- 2011 Zotterman Medal Lecture, Nobel Institute for Neurophysiology, Karolinska Institutet, Stockholm
- 2010 The Lister Medal Oration, Royal College of Surgeons, London
- 2009 Otto Schmitt Lecture, The International Federation of Medical and Biological Engineering
- 2007 Zülch Prize Lecture, Max Planck Society
- 2006 The Lambie-Dew Oration, as part of the 150th Anniversary Celebrations of the Faculty of Medicine at the University of Sydney

- 2005 The Gordon Smyth Lecture, The British Association of Otorhinolaryngologists - Head and Neck Surgeons
- 2004 45th Chapman Oration, Australian Institute of Engineers
- 2004 Vernon Collins Memorial Oration – Royal Children’s Hospital, Melbourne
- 2003 Eminent Speaker, Australian Commerce and Industry office, Taipei, Taiwan
- 2003 Halpern Lecture, Department of Chemistry, University of Wollongong
- 2001 The Graham Fraser Memorial Lecture, The Royal Society of Medicine, London, February, 2001
- 1999 The 1999 Toynbee Memorial Lecture, The Royal Society of Medicine/Royal College of Surgeons, London, November, 1999

Guest of Honour, Plenary & Keynote Addresses

- 2011 Keynote address, Ramaciotti Foundation Annual awards night
- 2011 Keynote address, Southern Health, Research Week, Monash University
- 2010 Plenary address, World Congress in Acoustics, Sydney
- 2008 Keynote speaker, Sir Mark Oliphant International Frontiers of Science and Technology Conference Series
- 2008 Plenary address, ACES Asia Pacific Symposium on Nanobionics
- 2008 Keynote speaker, Inaugural ARC Graeme Clark Research Outcomes Forum
- 2008 Inaugural oration, ICT for Life Sciences Forum Graeme Clark Oration
- 2008 Keynote address, 3rd International Electromaterials Science Symposium
- 2007 Guest of Honour, 6th Asia Pacific Symposium on Cochlear Implant and Related Sciences
- 2007 Guest of Honour, 67th Annual Scientific Meeting, Australian Orthopaedic Association
- 2006 Guest of Honour, Bionics and Regeneration of the Ear 2006. The 7th International Academic Conference on Immunobiology in Otorhinolaryngology
- 2006 Plenary address, XIII World Congress of the International Christian Medical and Dental Association
- 2006 Opening Plenary Lecture, Bosch Institute Annual Scientific Meeting
- 2006 Occasional Address to the graduating medical students, University of Sydney
- 2006 Principal speaker, 37th Mini-Symposium - Frontiers in Medicine, Karolinska Institutet, Stockholm
- 2005 Plenary address, Interspeech 2005 – Eurospeech conference, Lisbon
- 2005 Keynote speaker, Symposium on Cochlear Implants in Graeme M Clark’s honour at the XVIII World International Federation of Otolaryngological Societies, Rome
- 2004 Keynote speaker International Conference on Intelligent Sensors, Sensor Networks and Information Processing, Melbourne

- 2004 Plenary lecture and Keynote speaker, 7th World Biomaterials Congress, Sydney
- 2003 Guest of Honour and Keynote speaker 4th Congress of Asia Pacific Symposium on Cochlear Implant and Related Sciences, Taiwan
- 2002 Guest of Honour, the 7th International Cochlear Implant Conference, Manchester
- 2002 Guest lecture 8th International Congress of Paediatric Otorhinolaryngology, Oxford
- 2002 Keynote speaker, International Society of Audiology, Melbourne
- 2002 Keynote speaker International Workshop on Advanced Materials for Sensors and Actuators, Wollongong University
- 1999 Keynote speaker of the Federation of Australian Scientific and Technical Societies (FASTS) Lecture at the 19th Annual Meeting of the Australian Neuroscience Society, Hobart, February, 1999
- 1998 Keynote speaker at the 5th International Conference on Spoken Language Processing, Sydney, November/December, 1998
- 1998 Guest of honour at the 4th European Symposium of Paediatric Cochlear Implantation's-Hertogenbosch, The Netherlands, June, 1998
- 1996 Keynote speaker at the Auditory Basis of Speech Perception Workshop, University of Keele, July 1996

Major Scientific Conferences Organized

- 1997 Director, Cochlear Implant Program for the XVI World Congress in Otorhinolaryngology Head and Neck Surgery, Sydney, March 1-7.
- 1997 Chairman, World Congress Satellite Symposium on Cochlear Implants for Infants & Children, Melbourne, March 10-12
- 1994 Chairman, International Cochlear Implant, Speech & Hearing Symposium, Melbourne, October 22-28.
- 1985 Chairman, International Cochlear Implant Symposium and Workshop, Melbourne, August 27-31.
- 1984 Chairman, National Cochlear Implant Conference, October 4-6.

Research & Academic Leadership

- 1970-2004 Foundation Professor of Otolaryngology and Chairman, Department of Otolaryngology, The University of Melbourne, Australia
- 1970-2004 Head and Founder, Cochlear Implant Program, The University of Melbourne, Australia
- 1971-2003 Chief Investigator on 19 National Health & Medical Research Council of Australia projects

- 1979-1981 Director of two Commonwealth Government Public Interest Grants
- 1985-2004 Head and Founder of the Cochlear Implant Clinic, Royal Victorian Eye & Ear Hospital, Australia
- 1984-1993 Chief Investigator of National Health & Medical Research Council Program Grant: "Studies to Develop Sensory Prostheses for Deaf Children and Adults"
- 1984-2005 Founder and Director, The Bionic Ear Institute, East Melbourne, Australia
- 1984-1994 Chief Investigator of two US National Institutes of Health Grants
- 1985-1992 Chief Investigator of two US National Institutes of Health Contracts
- 1988-1996 Director, The Australian Research Council's Special Research Centre the Human Communication Research Centre, East Melbourne, Australia
- 1992-1998 Director, Co-operative Research Centre for Cochlear Implant, Speech and Hearing Research, East Melbourne, Australia
- 1999-2004 Laureate Professor, The University of Melbourne
- 2004- Laureate Professor Emeritus, The University of Melbourne
- 2005- Director Emeritus, The Bionic Ear Institute
- 2005-2012 Bionics Program Leader, Australian Research Council Centre of Excellence for Electromaterials Science
- 2003- 2012 Professor, The University of Wollongong, Australia

General Contributions to Medicine & Science

- 2007- Editorial Board, Cochlear Implants International
- 2004-2005 Member of the Prime Minister's Science, Engineering and Innovation Council
- 1982- Member of the Advisory Council for Children with Impaired Hearing
- 1973-2004 Assessor, National Health and Medical Research Council of Australia
- 2001-2002 Member of the Australian Research Council's Expert Advisory Committee in Biology and Biotechnology
- 1973-1991 Executive Member, Deafness Foundation of Victoria
- 1980-1982 Vice-Chairman, Advisory Council for Children with Impaired Hearing
- 1973-1982 Chairman, Medical Sub-Committee, Deafness Foundation of Victoria
- 1976-1981 Member of Committee on Care of Hearing Impaired Children, International Federation of Otorhinolaryngological Society
- 1979-1980 Chairman, Victorian Branch, Otolaryngological Society of Australia
- 1975-1980 Chairman, Consultative Council on Maternal and Child Health, Minister of Health, Victorian Government
- 1973-1980 Assistant Editor, Journal of Otolaryngological Society of Australia
- 1971-1976 Chairman, Victorian Committee, Postgraduate Training in Otolaryngology
- 1975-1975 Honorary Secretary, Australasian Deafness Council

1971-1973 Chairman, Steering Committee to Establish Deafness Foundation of Victoria

Clinical Positions

- 2005- Emeritus Otolaryngologist, Eye and Ear Hospital
- 1985-2004 Surgeon-in-Charge, and Founder Cochlear Implant Clinic, The Royal Victorian Eye and Ear Hospital
- 1966-2004 Senior Honorary ENT Surgeon, The Royal Victorian Eye and Ear Hospital
- 1971-1975 Consultant Otolaryngologist to Royal Melbourne and Royal Women's Hospitals, Melbourne
- 1968-1973 Consultant Otolaryngologist, Commonwealth Acoustic Laboratories of Australia
- 1966-1971 Senior Visiting ENT Surgeon, Repatriation General Hospital, Melbourne
- 1967-1968 Lecturer, Department of Physiology, University of Sydney
- 1964-1966 First Assistant ENT Surgeon, Alfred Hospital, Melbourne
- 1963-1966 Senior Assistant ENT Surgeon, The Royal Victorian Eye and Ear Hospital, Melbourne
- 1963 Senior Registrar, Otolaryngology, Bristol General Hospital, Bristol, UK Tutor in Otolaryngology, Bristol University, Bristol, UK
- 1962 Senior House Surgeon, Royal National Throat, Nose and Ear Hospital, London, UK
- 1961 Registrar, Neurosurgery and Otolaryngology, Royal Prince Alfred Hospital, Sydney
- 1960 Part-time Lecturer, Department of Anatomy, University of Sydney
- 1959 Senior Resident Medical Officer, Royal North Shore Hospital, Sydney
- 1958 Junior Resident Medical Officer, Royal Prince Alfred Hospital, Sydney

Qualifications

- 1969 Doctor of Philosophy (PhD), University of Sydney, Australia. Thesis: "Middle ear and neural mechanisms in hearing and in the management of deafness".
- 1968 Master of Surgery (MS), University of Sydney, Australia. Thesis: "The principals of the structural support of the nose and their application to nasal and septal surgery"
- 1966 Fellow of the Royal Australasian College of Surgeons (FRACS) in Otolaryngology
- 1962 Fellow of the Royal College of Surgeons, England (FRCS) in Otolaryngology
- 1961 Fellow of the Royal College of Surgeons, Edinburgh (FRCS) in General Surgery and Pathology
- 1957 Bachelor of Medicine (MB) and Bachelor of Surgery (BS), University of Sydney, Australia (Graduated with Honours and First Place in Final Year Examination)