

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)

Scientific Prizes or Medals

- 2015 **Fritz J. and Dolores H. Russ Prize** awarded biennially by the National Academy of Engineering and Ohio University recognizing a bioengineering achievement in widespread use that improves the human condition.
- 2015 Medal from Paul Sabatier University
- 2013 **Lasker~DeBaakey Clinical Medical Research Award** awarded by the Lasker Foundation which honors investigators whose contributions have improved the clinical treatment of patients. *(one of the most prestigious prizes in science in the world)*
- 2011 **CSL-Florey medal, from the Australian Institute of Policy and Science and Commonwealth Serum Laboratories –CSL** *(Represents the pinnacle of Australia's biomedical achievements and continues the tradition of Sir Howard Florey who discovered penicillin)*
- 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 for detailing the structure of the cerebral cortex; 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)
- 2004 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)

Fellow or Member of Academic Societies by Election

- 2013 Fellow of the National Academy of Inventors (recognizes and encourages inventors who have a patent issued from the United States Patent and Trademark Office)
- 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

- 2013 Honorary Doctor of Health Sciences at the University of Technology Sydney
- 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

Academic Honours

- 2016- Life Membership of the Australasian Society of Otolaryngology Head and Neck Surgery - awarded on 7th March 2016. (The highest award of ASOHNS).
- 2014- Hear for Life Award on behalf of the professional and scientific journals “Audio Infos and Otology” (for 35 years service of better hearing and extraordinary scientific, humanitarian as well as entrepreneurial achievements).
- 2013- The Graeme Clark Chair in Audology and Speech Science, University of Melbourne
- 2011- The Graeme Clark Research Institute, Tabor College, Adelaide
- 2010- The Graeme Clark Prize for Innovation in the Sciences, Year 12, Scots College, Sydney
- 2009-2011 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 Oratorion
- 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

- 2005 Laureate Professor Emeritus, The University of Melbourne
- 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)

Academic Awards

- 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)

- 2015 The Graeme Clark Lecture Series, The Scots College, Sydney
(Named in honour of eminent scientist, inventor of the bionic ear, and Scots Old Boy)
- 2014 - The Graeme Clark Centre Activity-Based Learning Science Space
(The Scots College – official opening by Dr Karl Kruszelnicki, Julius Sumner Miller Fellow at University of Sydney, Author and ABC Science personality)
- 2013 Emeritus Patron for Hear and Say
(provides services and programs for deaf children, young adults and families)
- 2010 – 2011 Honour Board for Distinguished Old Boys of Sydney Boys High School
- 2010 Patron of The Ear Foundation, Nottingham, UK

- 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

- 2013 Lasker Award Address, Lasker Foundation, New York
- 2011 CSL Florey medal lecture
- 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

- 2015 Keynote Speaker LASA National Congress, Melbourne (Australia's premier networking event in age services)
- 2013 Opening address, 4th Asia - Pacific Symposium, Nano Bionics, Melbourne
- 2013 Joanna Nicholls Cheng Memorial lecture, Brisbane
(*Listening and Spoken Language Conference*)
- 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

- 2005- Director Emeritus, The Bionic Ear Institute
- 2005-2012 Bionics Program Leader, Australian Research Council Centre of Excellence for Electromaterials Science
- 2004- Laureate Professor Emeritus, The University of Melbourne
- 1984-2005 Founder and Director, The Bionic Ear Institute, East Melbourne, Australia
- 1999-2004 Laureate Professor, The University of Melbourne
- 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
- 1973-1981 Chief Investigator Nerve Deafness and Telethon Appeal Research Program
- 1977-1995 Chief Investigator, Lions Clubs International “ *Speech Research Grant.*”

- 1982-1994 Chief Investigator Deafness Foundation of Victoria “*Early Diagnosis and Prelingual Deafness Project*”
- 1985-2004 Head and Founder of the Cochlear Implant Clinic, Royal Victorian Eye & Ear Hospital, Australia
- 1971-2003 Chief Investigator on 19 National Health & Medical Research Council of Australia projects
- 1992-1998 Director, Co-operative Research Centre for Cochlear Implant, Speech and Hearing Research, East Melbourne, Australia
- 1988-1996 Director, The Australian Research Council’s Special Research Centre the Human Communication Research Centre, East Melbourne, Australia
- 1984-1994 Chief Investigator of two US National Institutes of Health Grants (*Improved Cochlear Implant: Psychophysics and Engineering*” and *An Advanced Multi-Channel Cochlear Implant for Deafness*”
- 1984-1993 Chief Investigator of National Health & Medical Research Council Program Grant: “*Studies to Develop Sensory Prostheses for Deaf Children and Adults*”
- 1985-1992 Chief Investigator of two US National Institutes of Health Contracts (*Speech processors for auditory prostheses, NIH Contract No1-DC-9-2400 and Pediatric auditory prosthesis implants NIH Contract No1-NS-7-2342*)
- 1979-1981 Director of two Commonwealth Government Public Interest Grants (*Industrial research & development of electrical stimulation of the cochlea and central auditory pathways for the relief of deafness and a Tickle Talker*)

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)

Graeme Clark's Selected Scientific Publications Relevant to his Cochlear Implant Research

Books, Monograph, Refereed Invited Reviews, Refereed Scientific Papers,
Relevant Patents, Conference Papers and Abstracts

BOOKS = 2**2003**

1. Clark GM. (2003) Cochlear implants: Fundamentals and Applications. New York: Springer Verlag.

2000

2. Clark GM. (2000), Sounds from silence: Graeme Clark and the Bionic Ear story. Sydney: Allen & Unwin.

MONOGRAPHS = 1**1987**

1. Clark GM, in collaboration with Blamey PJ, Brown AM, Busby PA, Dowell RC, Franz BK-HG, Pyman BC, Shepherd RK, Tong YC, Webb RL, Hirshorn MS, Kuzma JA, Mecklenburg DJ, Money DK, Patrick JF, Seligman PM. (1987), The University of Melbourne - Nucleus multi-electrode cochlear implant. (Advances in Oto-Rhino-Laryngology; Volume 38) Basel: Karger.

BOOK CHAPTERS = 50**2003**

50. Clark GM (2003) Cochlear Implants, In: Greenberg S. Springer Hand book of auditory research: Speech Processing in the Auditory System. New York, Springer.

2002

49. Clark GM.(2002), Historia del implante coclear Nucleus. In Implantas Cocleares, Eds Rodriguez M.J.M. and Irujo A.H..Masson, S.A. Barcelona, 15-36.
48. Clark GM. (2002), Learning to understand speech with the cochlear implant. In: Fahle M, Poggio T, Eds Perceptual Learning. Cambridge, Mass.MIT Press: 147-160.
47. Clark GM. (2002), Cochlear implants for adults and children. In: A textbook of audiological medicine: Clinical aspects of hearing and balance. London, Martin Dunitz.

2001

46. Bruce IC, White M, Irlicht L, O'Leary SJ, Clark GM. Advances in computational modeling of cochlear implant physiology and perception. In: Greenberg S, Slaney M, eds. Computational models of auditory function. Amsterdam : IOS Press
45. Clark GM. Learning to hear and the cochlear implant. In: Stephens D, ed. Textbook of perceptual learning Cambridge, Mass. : MIT Press
44. Clark GM. Speech processing for cochlear implants. In: Greenberg S, Ainsworth W, eds. Springer handbook of auditory research: Speech processing in the auditory system Springer Verlag

1998

43. Clark GM. (1998), Cochlear implants. In: Wright A, Ludman H, ed. Diseases of the ear London : Edward Arnold :149-163.

1997

42. Barker EJ, Dettman SJ, Dowell RC. (1997), Habilitation: infants & young children. In: Clark GM, Cowan RSC, Dowell RC, eds. Cochlear implantation for infants and children - advances San Diego : Singular Publishing :171-190.
41. Clark GM. (1997), Epilogue. In: Clark GM, Cowan RSC, Dowell RC, eds. Cochlear implantation for infants and children - advances San Diego : Singular Publishing :251-252.
40. Clark GM. (1997), Historical perspectives. In: Clark GM, Cowan RSC, Dowell RC, eds. Cochlear implantation for infants and children - advances San Diego : Singular Publishing :9-27.
39. Clark GM, Pyman BC. (1997), Preoperative medical evaluation. In: Clark GM, Cowan RSC, Dowell RC, eds. Cochlear implantation for infants and children - advances San Diego : Singular Publishing :71-82.
38. Clark GM, Shepherd RK. (1997), Biological safety. In: Clark GM, Cowan RSC, Dowell RC, eds. Cochlear implantation for infants and children - advances San Diego : Singular Publishing :29-46.
37. Clark GM, Cowan RSC, Dowell RC. (1997), Ethical issues. In: Clark GM, Cowan RSC, Dowell RC, eds. Cochlear implantation for infants and children - advances San Diego : Singular Publishing :241-249.
36. Clark GM, Cowan RSC, Dowell RC. (1997), Introduction. In: Clark GM, Cowan RSC, Dowell RC, eds. Cochlear implantation for infants and children - advances San Diego : Singular Publishing :1-7.
35. Clark GM, Pyman BC, Webb RL. (1997), Surgery. In: Clark GM, Cowan RSC, Dowell RC, eds. Cochlear implantation for infants and children - advances San Diego : Singular Publishing :111-124.
34. Cowan RSC. (1997), Socioeconomic and educational management issues. In: Clark GM, Cowan RSC, Dowell RC, eds. Cochlear implantation for infants and children - advances San Diego : Singular Publishing :223-240.
33. Cowan RSC, Clark GM. (1997), The Melbourne Cochlear Implant Clinic program. In: Clark GM, Cowan RSC, Dowell RC, eds. Cochlear implantation for infants and children - advances San Diego : Singular Publishing :47-70.
32. Dowell RC. (1997), Preoperative audiological, speech, and language evaluation. In: Clark GM, Cowan RSC, Dowell RC, eds. Cochlear implantation for infants and children - advances San Diego : Singular Publishing :83-110.
31. Dowell RC, Cowan RSC. (1997), Evaluation of benefit: infants & children. In: Clark GM, Cowan RSC, Dowell RC, eds. Cochlear implantation for infants and children - advances San Diego : Singular Publishing :205-222.
30. Galvin KL, Sarant JZ, Cowan RSC. (1997), Habilitation: school-age children/adolescents. In: Clark GM, Cowan RSC, Dowell RC, eds. Cochlear implantation for infants and children - advances San Diego : Singular Publishing :191-204.
29. Patrick JF, Seligman PM, Clark GM. (1997), Engineering. In: Clark GM, Cowan RSC, Dowell RC, eds. Cochlear implantation for infants and children - advances San Diego : Singular Publishing :125-145.
28. Rance G, Dowell RC. (1997), Speech processor programming. In: Clark GM, Cowan RSC, Dowell RC, eds. Cochlear implantation for infants and children - advances San Diego : Singular Publishing :147-170.

1996

27. Dettman SJ, Barker EJ, Rance G, Dowell RC, Galvin KL, Sarant JZ, Cowan RSC, Skok MC, Hollow R, Larratt M, Clark GM. (1996), Components of a rehabilitation programme for young children using the ultichannel cochlear implant. In: Allum DJ, ed. Cochlear implant rehabilitation in children and adults London : Whurr :144-165.

1995

26. Clark GM. (1995), Cochlear implants: historical perspectives. In: Plant G, Spens K-E, eds. *Profound deafness and speech communication* Whurr : London :165-218.

1992

25. Millar JB, Blamey PJ, Clark GM, Dowell RC, Patrick JF, Seligman PM, Tong YC. (1992), Speech processing for cochlear implants. In: Ainsworth WA, ed. *Advances in speech, hearing and language processing. Volume 2* London : JAI Press :217-251.

1991

24. Clark GM, Franz BK-HG, Pyman BC, Webb RL. (1991), Surgery for multichannel cochlear implantation. In: Cooper H, ed. *Cochlear implants: a practical guide* London : Whurr :169-200.

1990

23. Blamey PJ, Cowan RSC, Alcantara JI, Whitford LA, Clark GM. (1990), Tactile aids. In: Clark GM, Tong YC, Patrick JF, eds. *Cochlear prostheses* London : Churchill Livingstone :237-251.
22. Busby PA, Dettman SJ, Altidis PM, Blamey PJ, Roberts SA. (1990), Assessment of communication skills in implanted deaf children. In: Clark GM, Tong YC, Patrick JF, eds. *Cochlear prostheses* London : Churchill Livingstone :223-235.
21. Clark GM, Tong YC. (1990), Electrical stimulation, physiological and behavioural stimulation. In: Clark GM,, Tong YC,, Patrick JF, eds. *Cochlear prostheses* London : Churchill Livingstone :15-32.
20. Millar JB, Blamey PJ, Tong YC, Patrick JF, Clark GM. (1990), Speech perception. In: Clark GM,, Tong YC,, Patrick JF, eds. *Cochlear prostheses* London : Churchill Livingstone :41-68.
19. Pyman BC, Brown AM, Dowell RC, Clark GM. (1990), Preoperative evaluation and selection of adults. In: Clark GM,, Tong YC,, Patrick JF, eds. *Cochlear prostheses* London : Churchill Livingstone :125-134.
18. Shepherd RK, Franz BK-HG, Clark GM. (1990), The biocompatibility and safety of cochlear prostheses. In: Clark GM,, Tong YC,, Patrick JF, eds. *Cochlear prostheses* London : Churchill Livingstone :69-98.
17. Shepherd RK, Maffi CL, Hatsushika S, Javel E, Tong YC, Clark GM. (1990), Temporal and spatial coding in auditory prostheses. In: Row MJ, Aitkin LM, eds. *Information processing in the mammalian auditory and tactile systems* New York : AR Liss :281-293.
16. Tong YC, Clark GM. (1990), Psychophysics. In: Clark GM, Tong YC, Patrick JF, eds. *Cochlear prostheses* London : Churchill Livingstone :33-40.
15. Tong YC, Clark GM, McDermott HJ, Harrison JM, Blamey PJ, Patrick JF. (1990), Future directions. In: Clark GM, Tong YC, Patrick JF, eds. *Cochlear prostheses* London : Churchill Livingstone :253-257.
14. Webb RL, Pyman BC, Franz BK-HG, Clark GM. (1990), The surgery of cochlear prostheses. In: Clark GM, Tong YC, Patrick JF, eds. *Cochlear prostheses* London : Churchill Livingstone :153-180.

1988

13. Brown AM, Clark GM, Dowell RC, Rickards FW. (1988), The Melbourne/Cochlear Multichannel cochlear implant. In: Nolan M, Tucker I, eds. *Cochlear Implants: a practical guide* London : Croon Helm

1987

12. Mecklenburg DJ, Dowell RC, Clark GM. (1987), Speech tracking - verfahrensweise und ergebnisse. In: Lehnhardt E, Hirshorn MS, eds. *Cochlear implant* Berlin : Springer Verlag :153-159.

1985

11. Clark GM, Tong YC. (1985), The engineering of future cochlear implants. In: Gray RF. Cochlear implants London : Croom Helm :211-228.

1983

10. Black RC, Clark GM, O'Leary SJ, Walters CW. (1983), The auditory brainstem response in hearing and deaf cats by intra-cochlear electrical stimulation. In: Webster WR, Aitkin LM, eds. Mechanisms of hearing Clayton : Monash University Press :153-157.
9. Blamey PJ, Dowell RC, Tong YC, Clark GM. (1983), Psychophysical matching of sensations produced by acoustical and electrical stimulation of the auditory nerve mechanisms of hearing. In: Webster WR, Aitkin LM, eds. Mechanisms of hearing Clayton : Monash University Press :222.
8. Dowell RC, Brown AM, Seligman PM, Clark GM. (1983), Initial results for six patients with a multiple-channel cochlear prosthesis. In: Webster WR, Aitkin LM, eds. Mechanisms of hearing Clayton : Monash University Press :211-215.
7. Franz BK-HG, Clark GM, Ng J, Bloom D. (1983), The implanted round window membrane in the cat. In: Webster WR, Aitkin LM, eds. Mechanisms of hearing Clayton : Monash University Press :223.
6. Millar JB, Tong YC, Clark GM. (1983), Selection of speech processing for cochlear implant prostheses. In: Webster WR, Aitkin LM, eds. Mechanisms of hearing Clayton : Monash University Press :216-221.
5. O'Leary SJ, Black RC, Clark GM. (1983), Current distributions of intracochlear electrodes in cats. In: Webster WR, Aitkin LM, eds. Mechanisms of hearing Clayton : Monash University Press :225.
4. Shepherd RK, Clark GM, Black RC. (1983), Physiological and histopathological effects of chronic intracochlear electrical stimulation. In: Webster WR, Aitkin LM, eds. Mechanisms of hearing Clayton : Monash University Press :200-205.
3. Tong YC, Clark GM. (1983), A speech processing strategy for multiple-electrode cochlear implant prostheses. In: Webster WR, Aitkin LM, eds. Mechanisms of hearing Clayton : Monash University Press :179-183.

1981

2. Tong YC, Clark GM. (1981), Electrical stimulation of the human cochlea - psychophysical and speech studies. In: Syka J, Aitken L. Neuronal mechanisms of hearing New York : Plenum :411-415.

1980

1. Clark GM, Black RC, Forster IC, Patrick JF, Tong YC. (1980), Design criteria of a multiple-electrode cochlear implant hearing prosthesis. In: Levitt H, Pickett JM, Houde R. Sensory aids for the hearing impaired IEEE Press :457-459.

SELECTED REFEREED INVITED REVIEWS = 4**2013**

4. **2013** Clark G.M. (2013). The multi-channel cochlear implant for severe-to-profound hearing loss. Nature Medicine 19 (10) 1-4.

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Studies on pediatric auditory prosthesis implants
Principal Investigator: GM Clark and Coordinator RL Shepherd
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Inventors: G.M. Clark, J. Patrick, Q. Bailey
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Inventors: G.M. Clark, J. Patrick, J. Millar, P.M. Seligman, Y.C. Tong
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