



PEER REVIEWED JOURNAL ARTICLES (PUBLISHED)

- 1: Agrawal V, Newbold C (2011). *Computer modelling of the cochlea and the cochlear implant: A review*. Cochlear Implants International 12(3). E-print.
- 2: Beach E, Williams W, Gilliver M (2010). *Hearing protection for clubbers is music to their ears*. Health Promotion Journal of Australia 21(3): 215-221.
- 3: Carpinelli MR, Wise A, Burt RA (2011). *Vitamin D deficient diet rescues hearing loss in klotho mice*. Hearing Research 275(1-2):105-109.
- 4: Ching TYC, Day J, Crowe K, Mahler N, Martin V, Street L, Ashwood J, Usher H-L (2011). *The longitudinal outcomes of children with hearing impairment (LOCHI) study: A brief overview of interim findings*. ACQuiring Knowledge in Speech, Language and Hearing 13(1): 51-52.
- 5: Ching TYC (2011). *Acoustic cues for consonant perception with combined acoustic and electric hearing in children*. Seminars in Hearing, 32(1):32-41.
- 6: Ching TYC, Van Wanrooy E, Dillon H, Carter L (2011). *Spatial release from masking in normal-hearing children and children who used hearing aids*. The Journal of the Acoustical Society of America 129(1): 368-375.
- 7: Convery E, Keidser G (2011). *Transitioning hearing aid users with severe and profound loss to a new gain/frequency response: Benefit, perception, and acceptance*. Journal of the American Academy of Audiology 22(3):168-180.
- 8: Dawson P, Stefan J, Mauger S, Hersbach A (2011). *Clinical evaluation of signal-to-noise ratio-based noise reduction in nucleus cochlear implant recipients*. Ear and Hearing 32(3): 382-390.
- 9: Dettman S, Sadeghi-Barzalighi A, Ambett R, Dowell R, Trotter M, Briggs R (2011). *Cochlear implants in forty-eight children with cochlear and/or vestibular abnormality*. Audiology and Neuro-otology 16(4):222-232.
- 10: Dowell R, Galvin K, Dettman S, Leigh J, Hughes K, Van Hoesel R (2011). *Bilateral cochlear implants in children*. Seminars in Hearing: Bimodal Hearing and Bilateral Implantation 32(1): 53-72.
- 11: Gopinath B, Flood VM, McMahon CM, Burlutsky G, Brand-Miller J, Mitchell P (2010). *Dietary glycemc load is a predictor of age-related hearing loss in older adults*. The Journal of Nutrition 140(12):2207-12
- 12: Gopinath B, Flood VM, Teber E, McMahon C, Mitchell P (2011). *Dietary intake of cholesterol is positively associated and use of cholesterol-lowering medication is negatively associated with prevalent age related hearing loss*. The Journal of Nutrition (7):1355-61.
- 13: Gopinath B, Rochtchina E, Flood V, McMahon C, Mitchell P (2010). *Serum homocysteine and folate concentrations are associated with prevalent age-related hearing loss*. The Journal of Nutrition 140(8): 1469-1474.
- 14: Gopinath B, Schnieder J, Hartley D, Teber E, McMahon C, Leeder S, Mitchell P (2011). *Incidence and predictors of hearing aid use and ownership among older adults with hearing loss*. Ann Epidemiol 21(7):497-506
- 15: Hartley D, Rochtchina E, Golding M, Newall P, Mitchell P (2010). *Use of hearing AIDS and assistive listening devices in an older Australian population*. Journal of the American Academy of Audiology 21(10): 642-653.
- 16: Holt C, Dowell R (2011). *Actor vocal training for the habilitation of speech in adolescent users of the cochlear implants*. Journal of Deaf Studies and Deaf Education 16(1):140-151.
- 17: Incerti P, Ching TYC, Hill A (2011). *Consonant perception by adults with bimodal fitting*. Seminars in Hearing: Bimodal Hearing and Bilateral Implantation 32(1): 90-102.
- 18: Keidser G, Dillon H, Flax M, Ching T and Brewer S (2011). *The NAL-NL2 prescription procedure*. Audiology Research, 1:e24:88-90.
- 19: Manji S, Williams L, Miller K, Ooms L, Bahlo M, Mitchell C, Dahl H (2011). *A mutation in synaptotagmin 2 causes progressive hearing loss in the ENU-mutagenised mouse strain mozart*. PLoS One 6(3):e17607.
- 20: Manji SSM, Miller KA, Williams LH, Andreasen L, Siboe M, Rose E, Bahlo M, Kuiper M, and Dahl HHM (2011). *An ENU-induced mutation of CDH23 causes congenital hearing loss, but no vestibular dysfunction, in mice*. American Journal Pathology, 179(2): 903-914. E-print.
- 21: Mitchell P, Gopinath B, Wang JJ, McMahon C, Schneider J, Rochtchina E, Leeder S (2011). *Five year incidence and progression of hearing impairment in an older population*. Ear and Hearing 32(2):251-7.
- 22: Monksfield P, Husseman J, Cowan RSC, O'Leary SJ, Briggs RJS (2011). *The new Nucleus 5 model cochlear implant: a new surgical technique and early clinical results*. Cochlear Implants International 12(3). E-print.

- 23: Newbold C, Richardson R, Millard R, Huang C, Milojevic D, Shepherd R, Cowan R (2010). *Changes in biphasic electrode impedance with protein adsorption and cell growth*. Journal of Neural Engineering 7(5).
- 24: Newbold C, Richardson R, Millard R, Seligman P, Cowan R, Shepherd R (2011). *Electrical stimulation causes rapid changes in electrode impedance of cell-covered electrodes*. Journal of Neural Engineering 8(3).
- 25: Salloum CA, Valero J, Wong DD, Papsin BC, Van Hoesel R, Gordon KA (2010). *Lateralization of interimplant timing and level differences in children who use bilateral cochlear implants*. Ear and Hearing 31(4): 441-456.
- 26: Schneider J, Gopinath B, Karpa J, McMahon C, Rochtchina E, Leeder S, Mitchell P (2010). *Hearing loss impacts on the use of community and informal supports*. Age and Aging 39(4):458-464.
- 27: Souter M, Briggs R, Wright C, Roland P (2011). *Round window insertion of precurved perimodiolar electrode arrays: How successful is it?* Otology and Neurotology 32(1):58-63.
- 28: Vandali A, Van Hoesel R (2011). *Development of a temporal fundamental frequency coding strategy for cochlear implants*. The Journal of the Acoustical Society of America 129(6): 4023.
- 29: Wang S, Mannell R, Newall P, Han D (2011). *Contribution of spectral cues to mandarin lexical tone recognition in normal-hearing and hearing-impaired mandarin Chinese speakers*. Ear and Hearing 32(1):97-103.
- 30: Williams, W (2011). *A qualitative assessment of the performance of electronic, level dependent earmuffs when used on firing ranges*. Noise and Health, March – April, Vol 13:51, 194 - 19
- 31: Williams W, Beach E, Gilliver M (2010). *Clubbing: The cumulative effect of noise exposure from attendance at dance clubs and night clubs on whole-of-life noise exposure*. Noise and Health, July – September 2010, 12:48, 155-158.

CONFERENCE PRESENTATIONS

- 1: Al-Meqbel A, McMahon C. *Cortical auditory temporal processing abilities in elderly listeners and young adults with normal hearing*. XXII International Evoked Response Audiometry Study Group Biennial Symposium, Moscow, June 2011.
- 2: Arora K, Hersbach A, Mauger S, Dawson P and Plant K. *Cochlear Implant Noise Reduction*. The 13th Symposium on Cochlear Implants in Children, Chicago IL, July 2011.
- 3: Bardy F, Van Dun B, Dillon H, McMahon C, Sharma M. *Cortical auditory evoked potentials in response to alternating tone stimuli*. The Australasian Cognitive Neurosciences Conference, Melbourne, November 2010.
- 4: Bardy F, Van Dun B, Dillon H, McMahon C. *Deconvolution of overlapping cortical auditory evoked potentials (CAEPs) recorded using very short ISIs*. XXII International Evoked Response Audiometry Study Group Biennial Symposium, Moscow, June 2011.
- 5: Bardy F, Van Dun B, Dillon H, McMahon C. *The effect of alternating frequency and reducing inter-stimulus interval on paired cortical auditory evoked potentials (CAEPs)*. XXII International Evoked Response Audiometry Study Group Biennial Symposium, Moscow, June 2011.
- 6: Beach E, Williams W, Gilliver M. *The contribution of leisure noise to overall noise exposure*. The 20th International Congress on Acoustics, Sydney, August 2010.
- 7: Boisvert I, McMahon C, Lyxell B, Dowell R. *Monaural sound deprivation; Opening a window on central processes underlying cochlear implantation outcomes*. First International Conference on Cognitive Hearing Science for Communication, Linkoping, June 2011.
- 8: Buchholz J. *Application of a circular hard-sphere microphone array for higher-order ambisonics auralization*. Forum Acusticum, Aalborg, June 2011.
- 9: Buchholz J. *Spatial sound techniques and applications*. Forum Acusticum, Aalborg, June 2011.
- 10: Burt RA, Carpinelli MR, Manning M, Hilton DJ. *Identifying drug targets for prevention and treatment of hearing loss*. The Mouse as an Instrument for Ear Research IV, Maine, September 2010.





- 11:** Burt RA, Carpinelli MR, Manning M, Hilton DJ. *Identifying drug targets for prevention and treatment of hearing loss*. Australian Health and Medical Research Congress, Melbourne, Australia, November 2010.
- 12:** Burt RA, Carpinelli MR, Manning M, Hilton DJ. *Mapping ENU-induced mutations causing progressive hearing loss using a combination of linkage mapping and Next-Gen sequencing*. Gene Mappers Conference, Hobart, Australia, April 2011.
- 13:** Burt RA. *Identifying drug targets for prevention and treatment of hearing loss*. Excitable Cells, Melbourne, September 2010.
- 14:** Carpinelli MR, Wise A, Manning M, Louey M, Burt RA. *Anti-apoptotic gene Bcl2 is required for stapes development*. Australasian Auditory Neuroscience Workshop, Auckland, January 2011.
- 15:** Case S, Goorevich M, Gorrie J, Nesselroth Y, Plant K and Knight M. *Evaluation of an Environmental Classifier with Adult Cochlear Implant Recipients using the CP810 Sound Processor*. The 13th Symposium on Cochlear Implants in Children, Chicago IL, July 2011.
- 16:** Ching TYC, Crowe K, Martin V, Day J, Mahler-Thompson N, et al. *Longitudinal outcomes of children from birth through 5 years: Interim findings of the LOCHI study*. The 6th Australasian Newborn Hearing Screening Conference, Fremantle, April 2011.
- 17:** Ching TYC. *3 year old outcomes of children with hearing impairment: The LOCHI study*. Supporting Teachers of the Deaf Conference: Educators of Deaf Students Association, Sydney, June 2011.
- 18:** Ching TYC. *Considerations for measuring outcomes of intervention for children with hearing loss*. China Audiology Summit, Shanghai, October 2010.
- 19:** Ching TYC. *Longitudinal outcomes of children with hearing impairment (LOCHI): An update*. Ministerial Standing Committee on Hearing, Sydney, March 2011.
- 20:** Crowe K, Ching TYC, Cook C, Day J, Mahler-Thompson N, et al. *The language acquisition of children with hearing loss: Interim results from the LOCHI study*. The 5th Annual Leaders in Deaf Education Meeting, North Rocks, September 2010.
- 21:** Crowe K, Ching TYC, Day J, Mahler-Thompson N, Martin V, et al. *The language acquisition of children with hearing loss: Interim results from the LOCHI study*. The 8th Asia Pacific Conference on Speech, Language and Hearing, Christchurch, January 2011.
- 22:** Crowe K, McLeod S, Ching TYC. *The oral languages and communication modes used by children with hearing loss in Australia*. The 8th Asia Pacific Conference on Speech, Language and Hearing, Christchurch, January 2011.
- 23:** Dahl HHM, Hutchison WM, Wiersma M, Ching TYC. *The contribution of congenital CMV infection and mutations in the GJB2, SLC26A4, and mtDNA 12S rRNA genes to hearing loss in Australian children (the LOCHI study)*. The 8th Australasian Mutation Detection Meeting, Tasmania, August 2010.
- 24:** Day J, Street L, Ching TYC, Crowe K, Martin V, et al. *The language and phonological abilities of hearing impaired children: Interim results from the LOCHI study*. Speech Pathologists in Deaf Education (SPIDE) Interest Group Meeting, Melbourne, August 2010. **[INVITED PRESENTATION]**
- 25:** Dettman S.J., Bardsley, J., Holt, C., Dowell, R.C. *Phonetic Accuracy and Phonological Processes in Australian Children using cochlear implants*. Proceedings of 10th European Symposium on Paediatric Cochlear Implantation, Athens, Greece, May 2011.
- 26:** Dettman S, Ramp M, Holt C, Dowell R, Galvin, K, et al. *A linguistic based analysis of maternal morpheme input provided to children using cochlear implants*. The 10th European Symposium on Paediatric Cochlear Implantation, Athens, May 2011.
- 27:** Dillon H. *Mild hearing loss is a serious business*. Keynote address presented at the International Hearing Aid Research Conference. Lake Tahoe, 11-15 August 2010.
- 28:** Dillon H. *Evaluation of unaided and aided infants using evoked cortical potentials and Prescribing hearing aids for infants, including selection of features*. Invited presentations at the 5th National Audiology and Speech Disorders Congress, Izmir, Turkey, 23-26 September 2010.
- 29:** Dillon H. *A glimpse at the future through the lens of NAL research*. Video presentation to the British Academy of Audiology, November 2010.
- 30:** Dillon H. *The NAL-NL2 prescription method for hearing aids*. The 12th Asia-Oceania Otolaryngology Head & Neck Congress, Auckland, NZ, March 2011. [Keynote]
- 31:** Dillon H. *Auditory spatial processing disorder in children and adults and its treatment*. The 12th Asia-Oceania Otolaryngology Head & Neck Congress, Auckland, NZ, March 2011. **[KEYNOTE]**

- 32:** Dillon H. *Signal processing features in hearing aids and super-hearing aids of the (very near) future*. The 12th Asia-Oceania Otolaryngology Head & Neck Congress, Auckland, NZ, March 2011. [INVITED PRESENTATION]
- 33:** Dillon H, Cameron S, Glyde H and Mejia J. *Spatial processing disorder, and the understanding of speech in noise*. First International Conference on Cognitive Hearing Science for Communication, Linköping, Sweden, June 2011. [Invited presentation]
- 34:** Dillon H, Gardner-Berry K. *Evaluating speech detection in aided infants and estimating pure tone thresholds in unresponsive adults: auditory evoked cortical potentials*. Workshop at the 12th Asia-Oceania Otolaryngology Head & Neck Congress, Auckland, NZ, March 2011.
- 35:** Dillon H, Van Dun B and Carter L. *Noise levels, response levels, and detectability of cortical responses close to threshold*. The 10th European Federation of Audiology Societies Congress, Warsaw, 22-25 June 2011.
- 36:** Fisher M, Chong-White, N, Dillon H. *Speech referenced limiting: Controlling the loudness of a signal with reference to its speech loudness*. The 129th Convention of the Audio Engineering Society, San Francisco, November 2010.
- 37:** Fisher M, Chong-White, N, Dillon H. *Speech referenced limiting of noise*. The 20th International Congress on Acoustics, Sydney, August 2010.
- 38:** Fisher M, Chong-White, N, Dillon H. *Speech referenced limiting (SRL): A new approach to limiting the sound level from a hearing aid*. The International Hearing Aid Research Conference, Lake Tahoe, August 2010.
- 39:** Fisher M, Chong-White N and Dillon H. *Controlling the loudness of a communications signal with reference to its speech loudness*. Oral presentation at Forum Acusticum 2011. Aalborg, Denmark, 27 June – 1 July 2011.
- 40:** Gardner-Berry K. *Auditory neuropathy spectrum disorder and cochlear implants*. Oral presentation at the 28th Annual Conference of the Community Nurse Audiometrists Association, Tamworth, NSW, October 2010.
- 41:** Gardner-Berry K, Purdy SC and Dillon H. *Auditory neuropathy spectrum disorder (ANSD) in infants: The use of cortical auditory evoked potentials helps us to better manage this population during the first 12 months of life*. The 12th Asia-Oceania Otolaryngology Head & Neck Congress, Auckland, NZ, March 2011.
- 42:** Gardner-Berry K, Purdy SC and Dillon H. *Auditory neuropathy spectrum disorder (ANSD) in infants: The use of cortical auditory evoked potentials helps us to better manage this population during the first 12 months of life*. The 6th Australian Newborn Hearing Screening Conference, Fremantle, Australia, April 2011.
- 43:** Gardner-Berry K, Purdy SC and Dillon H. *Auditory neuropathy spectrum disorder (ANSD) in infants: The use of cortical auditory evoked potentials helps us to better manage this population during the first 12 months of life*. The XXII Biennial Symposium of the International Evoked Response Audiometry Study Group, Moscow, Russia, June 2011.
- 44:** Glyde H, Cameron S, Dillon H, Hickson L. *Spatial processing disorder: A cause of difficulty hearing in noise?* Audiology Now, Chicago, April 2011.
- 45:** Gyldenkaerne P, Sharma M, Purdy SC, Dillon H. *Audiovisual interaction in school-aged children: A speech in noise paradigm measured using cortical auditory evoked potentials*. XXII International Evoked Response Audiometry Study Group Biennial Symposium, Moscow, June 2011.
- 46:** Gyldenkaerne P, Sharma M, Purdy SC, Reid M, Tesan G, et al. *Does visual stimuli assist in understanding speech in noise in children? An EEG and MEG study*. The Australasian Cognitive Neurosciences Conference, 20th meeting of the Australasian Society for Psychophysiology, Melbourne, November 2010.
- 47:** Gyldenkaerne P, Sharma M, Purdy SC, Tesan G, Van Dun B, et al. *Is audiovisual = auditory + visual: An EEG study*. Macquarie University HDR Showcase, Sydney, November 2010.
- 48:** Heasman J, Dawson P, Hersbach A, Mauger S, Arora K, et al. *Improved front-end processing for application in cochlear implants*. The 10th European Federation of Audiology Societies Congress, Warsaw, June 2011.
- 49:** Hickson L, Meyer C, Lovelock K, Lampert M. *Factors influencing help-seeking for hearing loss by older adults*. International Collegium of Rehabilitative Audiology Conference, Toronto, May 2011.
- 50:** Keidser G, Buchholz J. *Development of quantitative laboratory tests that better predict real-life hearing aid performance*. International Collegium of Rehabilitative Audiology Conference, Toronto, May 2011.
- 51:** Keidser G, Convery E, Hartley L, Dillon H. *How well can adults manage a self-fitting hearing aid?* The 10th European Federation of Audiology Societies Congress, Warsaw, June 2011.





- 52:** Keidser G, Convery E, Hartley L, Dillon H. *Perception and management of a self-fitting hearing aid among older adults*. First International Conference on Cognitive Hearing Science for Communication, Linköping, June 2011.
- 53:** Keidser G, Dillon H, Ching TYC, Flax M, Brewer S. *Derivation of the NAL-NL2 prescription procedure*. The International Hearing Aid Research Conference, Lake Tahoe, August 2010.
- 54:** Keidser G, Dillon H, Zakis J, Convery E, Dreschler W. *Trainable hearing aids: What do we know about them?* The 10th European Federation of Audiology Societies Congress, Warsaw, June 2011.
- 55:** Mahler-Thompson N, Ching TYC, Cook C, Crowe K, Day J, et al. *Learning from LOCHI: A critical evaluation of investigations into developmental outcomes in hearing impairment based on reflections from a large-scale study*. Queensland Healthy Hearing Symposium: The Wave of the Future, Sunshine Coast, September 2010.
- 56:** Mahler-Thompson N, Ching TYC, Cook C, Crowe K, Day J, et al. *Strengthening the research - clinical practice partnership: The Longitudinal outcomes for children with hearing impairment (LOCHI) update*. Queensland Healthy Hearing Symposium: The Wave of the Future, Sunshine Coast, September 2010.
- 57:** Martin V, Ching TYC, Day J, Mahler-Thompson N, Crowe K, et al. *The impact of child and family factors on language outcomes of children with hearing impairment: Interim results from the LOCHI study*. Itinerant Teachers of the Deaf Conference, North Rocks, September 2010.
- 58:** Newbold C, Richardson R, Millard R, Seligman P, Cowan R, et al. *How the other half hear: The application of bioelectrochemistry in cochlear implants*. Bioelectrochemistry: The Complex Membrane in the Electric Field, Maine, July 2010.
- 59:** Nott P, Brown PM, Cowan R, Wigglesworth G. *Early lexical development in young children with severe-profound hearing loss*. The 6th Australasian Newborn Hearing Screening Conference, Freemantle, April 2011.
- 60:** Psarros C. *Redefining the clinical model for cochlear implantation in the future*. CIGICON 2010, Chandigarh India, November 2010.
- 61:** Purdy S, Williams, W. *A review of Audiometric Standards for Noise-Induced Hearing Loss*. 12th Asia-Oceania Otolaryngology Congress, Auckland, New Zealand, March 2011. [Invited Presentation]
- 62:** Raicevich G, Dillon H, Harvey E. *Microphone capsule design and laser micro machining to achieve low noise and high sensitivity*. The 20th International Congress on Acoustics, Sydney, August 2010.
- 63:** Rance G. *Auditory function in individuals with mitochondrial disease*. FARA National Research Meeting, Melbourne, November 2010. [INVITED PRESENTATION]
- 64:** Rance G. *Auditory neuropathy in patients with neurodegenerative disease*. The 10th Congress of Iranian Audiology, Tehran, April 2011.
- 65:** Rance G. *Auditory neuropathy spectrum disorder*. The Ndiyeva Conference, Capetown, June 2011.
- 66:** Rance G. *Auditory neuropathy: Diagnosis and management*. Australian Association of Audiologists in Private Practice, Sydney, August 2010. [INVITED PRESENTATION]
- 67:** Rance G. *Auditory Neuropathy Spectrum Disorder*. Norwegian Academy of Audiology Meeting August 2011.
- 68:** Rudzyn B, Fisher M. *Active noise reduction: Performance of personal devices*. The 20th International Congress on Acoustics, Sydney, August 2010.
- 69:** Rushbrooke E. *Remote MAPping of cochlear implants*. Queensland Healthy Hearing Symposium: The Wave of the Future, Sunshine Coast, September 2010.
- 70:** Sharma M, Purdy SC, Barlow N, Giles E. *Processing of speech prosody assessed by cortical auditory evoked potentials in adults with cochlear implants*. XXII International Evoked Response Audiometry Study Group Biennial Symposium, Moscow, June 2011.
- 71:** Sharma M, Purdy SC, Kelly A, Dhamani I. *Co-morbidity of auditory attention and auditory processing disorders in children*. The 12th Asia-Oceania ORL-HNS Congress, Auckland, March 2011.
- 72:** Sharma M, Purdy SC, Kelly A. *Auditory processing disorders: A clinical perspective*. Audiology Now, Chicago, April 2011.
- 73:** Sharma M. *Auditory processing disorder (APD): Case studies*. The University of Auckland Seminar for Speech Pathologists and Audiologists, Auckland, December 2010.
- 74:** Sharma M. *Auditory processing disorders: Conventional test battery and new possibilities*. Continuing Professional Development for the Audiology Society branch of New South Wales, Sydney, October 2010.
- 75:** Sharma M. *Auditory processing disorders: Current test battery and new practices*. Oticon Education Camp, Fraser Island, July 2010. [INVITED PRESENTATION]

- 76:** Sharma M. *Treating approaches for auditory processing disorder (APD): Current approaches and evidence.* The University of Auckland Seminar for Speech Pathologists and Audiologists, Auckland, December 2010.
- 77:** Sharma M. *Update on current diagnostic approaches for auditory processing disorder (APD).*The University of Auckland Seminar for Speech Pathologists and Audiologists, Auckland, December 2010.
- 78:** Souter MA, Briggs RJ, Wright CG, Roland PS. *Round window insertion of the cochlea contour advance array: How successful is it?* William House Cochlear Implant Study Group, Boston, October 2010.
- 79:** Street L, Day J, Ching TYC. *Phoneme production and phonological processes of children with hearing loss: Interim findings from the longitudinal outcomes of children with hearing impairment (LOCHI) study.* The 13th Australasian International Conference on Speech Science and Technology, Melbourne, December 2010.
- 80:** Thannikkal AJ, Sharma M, Narne VK, Purdy SC. *Effect of noise on speech evoked cortical auditory evoked potential (CAEP) in adults.* XXII International Evoked Response Audiometry Study Group Biennial Symposium, Moscow, June 2011.
- 81:** Van Dun B, Carter L, Dillon H. *Evaluating speech detection in infants using cortical auditory evoked potentials.* Objective Measures in Auditory Implants 6th International Symposium, Missouri, September 2010.
- 82:** Van Dun B, Carter L, Dillon H. *Using cortical auditory evoked potentials for the evaluation of speech detection in infants.* XXII International Evoked Response Audiometry Study Group Biennial Symposium, Moscow, June 2011.
- 83:** Van Dun B, Dillon H. *Accuracy and efficiency of a decision tree to estimate pure-tone thresholds in hearing-impaired adults using cortical auditory evoked potentials (CAEPs).* XXII International Evoked Response Audiometry Study Group Biennial Symposium, Moscow, June 2011.
- 84:** Van Dun B, Lin R, Loi T, Purdy SC, Dillon H. *Preventing cochlear implant artefacts from obscuring or impersonating cortical auditory evoked potentials (CAEPs): A pilot study.* XXII International Evoked Response Audiometry Study Group Biennial Symposium, Moscow, June 2011.
- 85:** Van Dun, B., Lin R., Loi, T., Dillon, H., and Cowan, R. *Removing the cochlear implant artefact from cortical auditory evoked potential measurements: a pilot study.* The 10th European Federation of Audiology Societies (EFAS) Congress, 22-25/06/2011.
- 86:** Wake M, Poulakis Z, Ching TYC, Reilly S, Mensah F, et al. *Five year old outcomes of universal newborn hearing screening versus risk factor screening: The SCOUT study.* The 6th Australasian Newborn Hearing Screening Conference, Fremantle, April 2011.
- 87:** Watson L, Brown PM, Byrnes L, Nott P. *Hearing parents seeking to enhance the literacy development of their young deaf children: What are parents actually doing?* The International Congress on the Education of the Deaf, Vancouver, July 2010.
- 88:** Watson L, Brown PM, Nott P. *How are parents of young deaf children supporting their literacy development? Ear Foundation Conference "Deaf Education; Changed by Cochlear Implantation?"* Nottingham UK, June, 2011.
- 89:** Williams, W. *Expected output levels from personal stereo players or PSPs.* Australian Acoustical Society Technical Talk, NAL Chatswood, March, 2011.
- 90:** Williams, W. *The impact of hearing protectors on estimates of noise exposure.* 12th Asia-Oceania Otolaryngology Congress, Auckland, New Zealand, March 2011. **[INVITED PRESENTATION]**
- 91:** Williams, W. *The shape of entertainment noise.* 12th Asia-Oceania Otolaryngology Congress, Auckland, New Zealand, March 2011. **[INVITED PRESENTATION]**
- 92:** Williams, W. *Leisure Noise and the Calculation of Life-Time Dose.* Spring Symposium on Noise-induced hearing Loss, Status of NIHL in New Zealand – what we know, Auckland November, 2010.
- 93:** Wirth K, Gold L, Cogan S, Wake M, Ching TYC, et al. *Cost-effectiveness of universal newborn hearing screening: New evidence from a comparison of children born in New South Wales and Victoria 2003-2005.* The 6th Australasian Newborn Hearing Screening Conference, Fremantle, April 2011.
- 94:** Yue Z, Liu X, Molino P, Wallace GG. *Biofunctionalized PDMS for neural interfacing.* The 21st Annual Australasian Society of Biomaterials and Tissue Engineering Conference, Queenstown, April 2011.





- 95: Yue Z, Svehla M, Wallace GG. *Towards bioactive electro-neural interfaces: Characterising drug-eluting silastic matrices*. The 21st Annual Australasian Society of Biomaterials and Tissue Engineering Conference, Queenstown, April 2011.
- 96: Zakis J.A., Case S, Goorevich M, Harvey T, Holmberg P, Knight M and Schall F.S.J. *Effect of a Wind Noise Reduction Algorithm on Cochlear Implant Sound Processing*. The 13th Symposium on Cochlear Implants in Children, Chicago IL, July 2011.
- 97: Zhang B, Moulton S, Newbold C, Wallace GG. *Reactive inkjet printing system for drug delivery*. The ACES End-user Technology Showcase, Wollongong, October 2010.
- 98: Zhang B, Moulton S, Wallace GG. *Printing of dexamethasone drug delivery hydrogel systems*. The 21st Annual Australasian Society of Biomaterials and Tissue Engineering Conference, Queenstown, April 2011.
- 99: Zhang B. *Printing of dexamethasone drug delivery system*. The 24th Chemistry & IPRI Annual Conference, Fitzroy Falls, November 2010.

CONFERENCE PROCEEDINGS (PUBLISHED)

- 1: Dettman S.J., Wall, E., Constantinescu, G., Dornan, D., Dowell, R.C. *Matched group comparisons for children using cochlear implants enrolled in Auditory/Verbal, Aural/Oral, or Bilingual/Bicultural early intervention*. Proceedings of 10th European Symposium on Paediatric Cochlear Implantation, Athens, Greece, May 2011.
- 2: Favrot, S., Marschall, M., Käsbach, J., Buchholz, J. M., Weller T. *Mixed-order Ambisonics recording and playback for improving horizontal directionality*. Proceedings of the Audio Engineering Society 131st convention, New York, June 2011.
- 3: Fisher M, Chong-White N and Dillon H (2011). *Controlling the loudness of a communications signal with reference to its speech loudness*. Proceeding of Forum Acusticum 2011, Aalborg, Denmark, June 2011, pp 79-82.
- 4: Raicevich G, Burwood E, Dillon H, Johnson BW and Crain S (2010). *Wide band pneumatic sound system for MEG*. Proceedings of 20th International Congress on Acoustics, ICA 2010, Sydney, August 2010.
- 5: Williams, W. *Work and non-work noise exposure*. Proceedings of the 20th International Congress of Acoustics, ICA 2010, Sydney, Australia, August 2010.

OTHER

- 1: Dettman, S. & Dowell, R. (2010). *The importance of integrated audiological, medical and communication management following infant hearing screening*. Sound Partnerships [INTERNAL PUBLICATION FOR COCHLEAR PTY LTD].
- 2: Dillon H, Keidser G, Ching T, Flax M, Brewer S (2011). *The NAL-NL2 Prescription Procedure*. Phonak Focus 40 [EXTERNAL PUBLICATION FOR PHONAK PTY LTD].
- 3: Purdy, SC & Williams, W (2010). *Evidence review and best practice guideline for diagnosis of occupational noise-induced hearing loss (NIHL)*. Report for the New Zealand Accident Compensation Corporation for 'Provision of services related to the best practice guideline for determining compensability of occupational noise-induced hearing loss'.
- 4: Anon (2010). Award for Innovative new Cochlear Implant. Research Australia Philanthropy Newsletter (NOVEMBER).
- 5: Anon (2010). Clunies Ross Award – Cochlear and MineWare. CRCs Success Through Innovation – Spring Issue, Australian Government, Department of Innovation, Industry, Science and Research.
- 6: Anon (2010). Cochlear 'Hybrid' extends hearing benefits to many. CRCs Success Through Innovation – Winter Issue, Australian Government, Department of Innovation, Industry, Science and Research.
- 7: Anon (2010). HEARing CRC and Cochlear implants. CRCs Success Through Innovation - Special Issue (December), Australian Government, Department of Innovation, Industry, Science and Research.
- 8: Anon (2010). HEARing CRC and implant workshops. CRCs Success Through Innovation - Special Issue, Australian Government, Department of Innovation, Industry, Science and Research.