

The logo for 'Diversity & Development nt darwin 2011' features the text 'Diversity & Development' in a black sans-serif font, followed by 'nt' in a larger, bold, black font. To the right of 'nt' is a cluster of colorful circles in shades of red, orange, and yellow. Below this, 'darwin 2011' is written in a smaller, red sans-serif font.

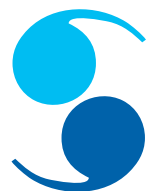
Diversity & Development **nt**
darwin 2011

Conference Brochure & Registration

26-29 June 2011

Darwin Convention Centre

Early bird discount expires on Tuesday 17 May 2011



**Speech
Pathology
Australia**
National
Conference



The **Speech Pathology Australia 2011 National Conference** is the premier event of the speech pathology profession. The National Conference aims to provide attendees with updates, recent research results and the knowledge to enable them to tackle the challenges ahead.

The Conference boasts a program of over 114 presentations. Please read further to view the full Conference program. Visit www.speechpathologyaustralia.org.au and 2011 National Conference for regular updates!

Invitation from the Conference Planning Committee



Silver Sponsor

PEARSON

Clinical and Talent Assessment

June is the perfect time of year for Darwin to host the 2011 Speech Pathology Australia National Conference.

The “Top End” of the Northern Territory will be in the midst of dry season, ideal for showcasing its world famous sunsets linking endless blue skies to balmy tropical nights. Opened in June 2008, the Darwin Convention Centre looks to the city from the edge of the Arafura Sea. To the Larrakia, the traditional owners of Darwin, the harbour is a place of connection where they have welcomed visitors for centuries while trading with other indigenous tribes and Southeast Asian neighbours.

The Conference Planning Committee (CPC) selected a theme for the Conference that directly relates to life in the Northern Territory. The “NT” is a land of diverse people and landscapes. It is also undergoing rapid development and growth in areas such as health, education and housing. ***Diversity and DevelopmentNT 2011*** will bring together Australian and International speech pathologists who work with diverse client groups in a variety of environments and service delivery models. The Conference will provide a platform for delegates to share stories of development – of our profession and scope of practice, of technology, of our knowledge and research base, and of our clients over their lifespan.

Diversity and DevelopmentNT 2011 will initiate relevant and robust debate amongst delegates through the selection of pertinent keynote and invited speakers – Professor Tim Sharp, Dr Anne Lowell and Professor Deborah Theodoros will address the theme from a variety of perspectives. The CPC is extremely proud to have organised such a high calibre and diverse range of speakers.

The Conference will open with a speaker and topic relevant to all delegates – regardless of their specific area of speech pathology practice. Professor Tim Sharp, also known as “Dr Happy”, will introduce delegates to the powerful principles of positive psychology. He will discuss how these principles may be incorporated into the life of a speech pathologist

– exploring methods to achieve work / life balance, links between happiness and positive therapy outcomes and tips for staying positive when working with illness and disability.

The Diversity and Development of our profession will be further explored through a keynote address and workshop presented by Dr Anne Lowell and her Yolngu colleagues from the remote Indigenous Arnhem Land Community of Galiwin’ku. Further developing an awareness of intercultural practice is relevant to all Australian speech pathologists working and living within our multicultural society. The CPC is privileged to be hosting Anne and her Yolngu colleagues and looks forward to the stories they will share. These will certainly enhance the practice of all in attendance.

Professor Deborah Theodoros, invited presenter of the 2011 Elizabeth Usher Memorial Lecture will explore the Diversity and Development theme through examining more efficient and effective means of delivering speech pathology services to our clients. As Co-Director of The University of Queensland’s Telerehabilitation Research Unit, Deborah is well placed to introduce delegates to innovations and diversifications in speech pathology practice.

The Scientific Program Sub-Committee was overwhelmed with the number of papers, posters and workshops submitted and engaged in a thorough peer review process to finalise selections. The result is a diverse program with an excellent mix of evidence based clinical and research papers, workshops, poster presentations and plenary sessions exploring the Diversity and Developments within the speech pathology profession.

The entire program is outlined in the following pages of the Conference Brochure. It is recommended you take time to read each day’s program and consider the sessions you would like to attend. This will save time when you are asked to select your preferred sessions when completing the Online Registration process. Attendance at some sessions will be dependent upon room size, so it suggested you register as soon as possible to avoid disappointment.

Invitation from the Conference Planning Committee continued...

With the highest daily average sunshine hours of any Australian capital, we look forward to welcoming you to Darwin for the Speech Pathology Australia *Diversity and DevelopmeNT 2011* National Conference.

If you require accommodation, air travel or wish to take in the marvellous attractions of Darwin and its surrounds before or after the Conference, please view the relevant pages within this Conference brochure.

The CPC acknowledges and thanks C.R. Kennedy for sponsoring the production of the online Conference Program & Registration and to all our sponsors and exhibitors who are integral to the success of the Conference.

C. R. KENNEDY
MEDICAL
TECHNOLOGIES

Delegates are encouraged to remain up to date with the latest Conference news via the 2011 National Conference website.

The CPC commends the Conference Program to you and we look forward to welcoming you to Darwin.

Amanda Seymour (Convenor),
Priscilla Lenne (Chair SPSC),
Franceska Edis, Celina Lai and
Pamela Richards (National Conference Manager)



Darwin

Darwin is the Northern Territory's tropical capital city on the shores of a harbour seven times the size of Sydney Harbour. Darwin is a vibrant city also acclaimed for its relaxed, contemporary lifestyle and personality, much of which stems from the adventure, culture, heritage and nature that lies within easy reach.

Darwin's colourful history and proximity to South East Asia has made it one of Australia's most culturally diverse cities.

Today, more than 50 nationalities make up its population, including the area's traditional landowners, the Larrakia Aboriginal people.

Visit <http://en.travelnt.com/about-nt/key-facts.aspx> for more information.



Speech Pathology Australia would like to thank all members of the Conference Planning Committee and Scientific Program Sub-Committee for their input in the planning of the Speech Pathology Australia 2011 National Conference.

IMPORTANT NOTICE – PLEASE READ:

The views expressed at this National Conference are not necessarily the views of, or endorsed by, the Speech Pathology Association of Australia Limited ("the Association"). The Association makes no warranty or representation in relation to the content or accuracy of the material in this document or national Conference. The Association expressly disclaims any and all liability (including liability for negligence) in respect of use of the information provided. The Association recommends you seek independent professional advice prior to making any decision involving matters outlined in this document and National Conference.

Disclaimer: Please note the topics and session times are correct at the time of printing, however changes may occur. Please refer to the www.speechpathologyaustralia.org.au and 2011 National Conference for the most up to date program.

Featured Presenters

Professor Tim (Dr Happy) Sharp



Professor Sharp has three degrees in psychology (including a Ph.D.) and an impressive record as an academic, clinician and coach. He runs one of Sydney's largest clinical psychology practices, a highly regarded executive coaching practice, and is the founder & CHO (Chief Happiness Officer) of **The Happiness Institute**, Australia's first organisation devoted solely to enhancing happiness in individuals, families and organisations.

He's taught at all the major universities in NSW and is currently an Adjunct Professor (in Positive Psychology) within the School of Management, Faculty of Business at UTS and also an Adjunct Professor (Positive Psychology) within the School of Health Sciences at RMIT University. His primary area of interest is enhancing happiness at work but he's also actively involved in consulting and research projects in the areas of leadership,

resilience, recruitment and positive education. Tim also received a **Future Leadership Award** from the Australian Davos Connection which recognises outstanding leaders of our generation for their achievements and contribution to a vision for Australia's future.

Over the last decade, Professor Sharp's passion and energy has shifted away from traditional, clinical psychology and toward "**positive psychology**", one of the most exciting areas of contemporary mental health and an amazingly powerful approach to well-being. Although he and his team continue to treat people with problems such as depression, anxiety and relationship difficulties, their focus is increasing towards helping people identify and work with their strengths with a view to fostering and bolstering authentic happiness.

Monday 27 June, 9.20am – 10.30am

MKP: Keynote Presentation ***Happiness at work...and beyond:*** ***Applying the principles of positive psychology!***

Happiness is desired by all, yet achieved by only a few. But it doesn't have to be like this. Many more people could achieve happiness if only they knew how... and Professor Sharp (aka Dr. Happy) knows how!

By explaining how you can utilise the powerful principles of positive psychology Professor Sharp will show you how you can get so much more out of life, out of work, and even out of this Conference.

Interestingly, we all want to experience more happiness in our personal lives but many don't even consider that it might also be possible in our working lives. Yet happiness at work is distinctly possible and should be a primary goal for all individuals, managers and organisations; because happiness at work leads to innumerable benefits for everyone involved! Happy workers are better workers; they're more engaged and more satisfied, they get on and collaborate better with colleagues and clients and ultimately, they're more productive!

Professor Sharp will show you how to:

- Design the life you want and clarify what's important about your work
- Achieve greater health through enhanced happiness
- Think like happy people think (with optimism and hope)
- Build your resilience so you can stay focused EVEN with those difficult clients (and even despite those negative colleagues)!
- Love and be loved (and build positive relationships at home and in your workplace)
- Identify what you do best and use these "strengths" as often as possible
- Have fun and enjoy the present moment (while you're providing therapy and even this conference!)

In his highly acclaimed presentation, Professor Sharp will outline the powerful approach, based on the exciting new science of positive psychology, which he and his colleagues at The Happiness Institute have tried, tested and applied with thousands of individuals and in numerous teams, businesses and organisations.

Achieving happiness requires nothing more than practising a few simple disciplines every day... so why not learn these disciplines now. After all, life's too short not to be happy!

Featured Presenters

Professor Deborah Theodoros



Professor Theodoros is Head of the Division of Speech Pathology within the School of Health and Rehabilitation Sciences at the University of Queensland. Her research has centred on the assessment and treatment of motor speech disorders, and the development of telerehabilitation applications for speech, language, voice, fluency, and swallowing disorders. She is a founder and Co-Director of the Multidisciplinary Telerehabilitation Research Unit within the School.

She has over 130 publications including 90 articles, 32 book chapters, and two books. Her research is regularly presented at international and national conferences with more than 120 conference presentations to date. She has been awarded over \$2.3 million in competitive grants, including four National Health and Medical Research Council (NHMRC) Project grants. Three of these

grants relate to the development and validation of telerehabilitation applications for the assessment and treatment of neurogenic communication disorders. Professor Theodoros has been an invited speaker at international conferences, seminars, and workshops in the United States, Canada, United Kingdom, Sweden, and Taiwan. She is an editorial consultant for several international journals in speech pathology, and is an executive member of the Telerehabilitation Special Interest Group of the American Telemedicine Association.

Tuesday 28 June, 9.00am – 10.30am

TEU: Elizabeth Usher Memorial Lecture *A New Era in Speech Pathology Practice: Innovation and Diversification*

Over the next few decades, speech pathologists will experience an avalanche of change in their scope of practice, models of service delivery, and therapy resources. Such change will be driven by the demands of the ageing population, an increasingly consumer-driven and exacting society, technological advances, equity issues, and rapid advances in neuroscience. The challenge for the profession will be to engage and embrace this change in order to develop and diversify within the 21st century.

One of the major drivers for change in the way we practice will be the ageing population tsunami beginning to impact on health services. With the Australian population over 65 years expected to grow to 6.2 million by 2042, the number of people with chronic disability will inevitably increase and present a major challenge to the profession in the management of their communication needs. It is clear that as the aged population increases at a rate three times that of 15-64 year olds, the workforce will rapidly deplete. Simultaneously, the demands of a society now rapidly transforming as a result of technology will compel speech pathologists to consider a major paradigm shift in the way that they deliver services to their adult and paediatric clients, whose expectations will be increasingly influenced by ready access to communication technologies in everyday life. While these two imperatives will drive practical changes, the rapid advances in neuroscience will improve our understanding of the nature of communication disorders, and subsequently define treatment protocols and scope of practice for the next generation of speech pathologists.

This presentation will address the need to consider more efficient and effective means of delivering services to our clients that are in keeping with societal expectations, advancing technological and scientific developments, and our role as advocates for all Australians with communication disorders.

Featured Presenters

Dr Anne Lowell

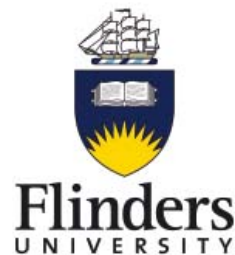


Dr Anne Lowell has accepted the invitation to be our second Keynote Speaker. Anne is Principal Research Fellow, Graduate School for Health Practice, Institute of Advanced Studies, Charles Darwin University, Darwin.

She has worked on a wide range of research and other community-based projects, primarily in Northeast Arnhem Land, for the last twenty years and will be presenting with Indigenous colleagues from this region who have been key collaborators in this work. Anne's particular interests

include intercultural communication, culturally responsive research and service provision and recognition of Indigenous knowledge and practice in health research and health services.

Anne's keynote presentation is sponsored by:



Wednesday 29 June, 9.00am – 10.30am

WKP: Keynote Presentation

Closing the communication gap in Indigenous health: Working together to improve practice and outcomes

In this presentation Anne and her Yolgnu colleagues Elaine Maypilama, Helen Nyomba and Phyllis Batumbil (Indigenous people from Northeast Arnhem Land) will share what they have learned through more than twenty years of working together in both research and service provision related to communication in a remote region of the Northern Territory. This work includes research into the consequences of conductive hearing loss for classroom communication and learning, Yolgnu ways of supporting communication development and learning for their children, as well as the extent – and consequences - of ineffective communication in health care.

Working in an environment where Indigenous languages and cultural influences are dominant is particularly challenging for non-Indigenous staff who do not share the cultural or linguistic background of their Indigenous co-workers and clients. The complex cultural, linguistic and political influences on communication are often not recognised or well understood and this can seriously compromise the safety and quality of services. Competence in collaborative engagement which recognise, values and accommodates Indigenous knowledge and skills is therefore crucial in achieving effective communication. Although this presentation will focus on the key features of culturally responsive practice in a remote Indigenous context, the broader relevance to other intercultural contexts will also be discussed.

Wednesday 29 June, 11.00am – 12.30pm continued 2.00pm – 3.30pm

WKW: Keynote Workshop Presentation

Closing the communication gap in Indigenous health: Strategies for improving intercultural practice

In this interactive workshop participants will have the opportunity to work with the Yolgnu facilitators Elaine Maypilama, Jane Galathi, Helen Nyomba and Phyllis Batumbil to develop their understanding of the complex cultural, linguistic and political influences on communication in the context of Indigenous health. A range of issues related to communication will be explored in this workshop including: cultural differences in communication development and perceptions of disability; communication strategies used by Yolgnu both at home and at school; as well as challenges in intercultural communication, particularly within the context of health care.

There will be a particular emphasis on assisting participants to recognise the extent to which Western understandings and practice are culturally specific, that is, to develop skills in cultural reflexivity. Strategies for achieving culturally responsive practice through collaborative relationships which recognise and accommodate Indigenous knowledge, skills and priorities will be explained and demonstrated. Role-plays and practical demonstrations will be utilized to illustrate the many challenges in achieving effective communication, and to demonstrate effective practice when working with interpreters and co-workers. Although this workshop focuses on communication with a particular Indigenous language group, the knowledge and skills introduced in the workshop will also have relevance for participants working in other intercultural contexts.

Conference Program

Sunday 26 June 2011

5.00pm - 5.30pm	Speakers, chairpersons and student volunteers briefing
5.00pm - 6.30pm	Pre-Registration and exhibition
6.30pm - 8.00pm	Welcome Reception: Crocosaurus Cove <i>sponsored by Northern Territory Government</i> Coaches will depart the Darwin Convention Centre between 6.20pm and 6.45pm for the short drive to the city centre and Crocosaurus Cove. Alternatively you might enjoy the leisurely walk. Finger food and drinks will be served, plus the opportunity to network informally with fellow delegates, sponsors and exhibitors.



The program at a glance will assist you in making your session selections. Please ensure that you have read this document and selected your concurrent sessions BEFORE you proceed to the online process. This will save time plus reduce the possibility of you being 'timed out'. Pre-selection of sessions will also help us to ensure the comfort and safety of all participants. Places for the sessions will be limited to room sizes, so to avoid disappointment, please ensure you register early.

Please note (W) after some session titles indicates a workshop.

Poster Program

An informative selection of posters will be displayed in the exhibition area of the Darwin Convention Centre from Monday – Wednesday.

Authors will be in attendance at their poster on Monday from 10.45am – 11.15am and on Wednesday from 12.45pm – 1.45pm.

Please click this link to view the poster titles and presenters.

Conference Program

Monday 27 June 2011

8.45am	Welcome to Country by Robert Mills
9.00am	One Mob, Different Country dance troupe
9.10am	Opening Address: The Hon. Konstantine Vatskalis MLA, Minister for Health NT, has been invited
9.15am	Welcome to Diversity & DevelopmeNT 2011
9.20am - 10.30am	MKP Keynote Presentation <i>Happiness at work...and beyond.</i> <i>Applying the principles of positive psychology!</i> Professor Tim Sharp
10.30am - 11.30am	Morning tea (including Poster Session and Student Member Network)
11.30am - 12.30pm	M1 Traumatic Brain Injury <i>Balancing early rehabilitation and readiness for therapy:</i> <i>Diversity following traumatic brain injury</i> Anna O'Callaghan & Lindy McAllister <i>Cognitive-linguistic assessment following traumatic brain injury:</i> <i>A critical review of the literature</i> Joanne Steel, Alison Ferguson & Elizabeth Spencer <i>Vocational rehabilitation for high level clients following Traumatic Brain Injury</i> Beth Causa & Glenda McAlister
11.30am - 12.30pm	M2 The many faces of a rural or remote Australian speech pathologist: Practical tips on how to conduct a diverse service (W) <p>This workshop celebrates the diversity of skills required to be a rural or remote speech pathologist, and explores ways in which we can work together to develop a stronger support network and workforce in Australia.</p> <p>In general practice a rural doctor is defined as a professional who provides continual comprehensive whole-patient care to individuals, families and their communities. The speech pathology profession</p>

needs to acknowledge that adaptability and generalist skills are a specific specialisation in our practice.

A panel of six speech pathologists who have all made the critical leap from surviving to thriving as a rural or remote clinician, will share their stories. Rural and remote speech pathology will also be explored from the student perspective. Each story will be concluded with a practical and pertinent tip, followed by discussion where participants can share their stories and suggest how we, can develop a stronger support network and workforce that embraces the diversity of speech pathology in Australia.

This session will assist speech pathologists to engage in peer learning to explore different options in providing a diverse service. Evidence-Based Practice will be explored along with experience-based practice to acknowledge the adaptability and generalist knowledge required to be a successful rural or remote clinician.

By participating in this workshop you will have the opportunity to reflect on the diversity of your role, learn from your peers, share experiences, define commonalities and leave rejuvenated, knowing that, although you may work in a geographically isolated area, professionally you are not alone.

CaraJane Millar, Michelle Peterson & Emma Birch

11.30am - 12.30pm **M3 Disability**

Listening to those rarely heard through supported decision making:
A training package for informal communicators

Joanne Watson & Rhonda Joseph

Sharing of a journey towards developing and implementing a common signing approach within an organisation for persons with intellectual disabilities in Singapore

Eva Wei-Lyn Loh & Ronendrojit Singh

The Big 5 and Beyond: Improving healthcare for adults with disability in hospital

Bronwyn Hemsley, Susan Balandin & Linda Worrall

Conference Program

11.30am - 12.30pm **M4 Paediatrics 1**

The knowledge and practices of Australian speech pathologists working with children from multilingual backgrounds

Cori Williams & Sharynne McLeod

Assessing the Language Skills of Children from Culturally & Linguistically Diverse Backgrounds: The Performance of Singaporean Mandarin-English Bilingual Preschoolers on the Expressive Vocabulary Subtest of the CELF Preschool 2 - United Kingdom

Chris Brebner Wei Qin Teoh & Paul McCormack

Introducing Phonological Awareness Instruction into Classroom Reading Programs

Karyn Carson, Gail Gillon & Therese Boustead

11.30am - 12.30pm **M5 Hearing impairment & health**

Speech pathology & hearing loss: A diverse role

Julie Kiroloch

Communication skills in school aged children following bilateral sequential cochlear implantation

Kylie Chisholm, Colleen Psarros, Melinda Johnson & Natalie Opitz

Hear for Health: The impact of clinical education on healthcare professionals attitudes to hearing loss in aged care

Dee Wardrop & Sue Wilson

12.30pm - 2.00pm Lunch (including Private Practitioners Member Network 12.45 - 1.45pm)

2.00pm - 3.30pm **M6 Private Practice: Standards & skills ensuring quality outcomes (W)**

Risk Management

Con Kalavritinos, Association Relationship Manager, Guild Insurance

The latest news from the National E-Health Transition Authority (NEHTA)

Dr Louise Schaper, Clinical Lead, National E-Health Transition Authority

2.00pm - 3.30pm **M2 The many faces of a rural or remote Australian speech pathologist: Practical tips on how to conduct a diverse service Cont'd (W)**

CaraJane Millar, Michelle Peterson & Emma Birch

2.00pm - 3.30pm **M7 Head & neck**

Swallowing and patient-perceived outcomes following altered fractionation radiotherapy and chemoradiotherapy for oropharyngeal cancer

Bena Cartmill, Petrea Cornwell, Liz Ward & Sandro Porceddu

Laryngectomy emergency training for speech pathologists: Giving laryngectomy patient's a voice in the event of tracheoesophageal puncture closure

Belinda Gray, Bena Cartmill & Sue Wilson

WA pilot project: Creating a comprehensive speech pathology service for head and neck oncology patients

Louisa Waters, Kim Brookes

Does a dedicated multidisciplinary pre-operative education and counselling intervention for head and neck cancer patients make a difference?

Penny Chapman, Sarah McDonald, Laurelle Stalker, Belinda Gray & Carrie Lethborg

2.00pm - 3.30pm **M8 Paediatric service delivery**

Formalising the informal: a pilot training program of management of velopharyngeal incompetence (VPI) and cleft speech errors for community therapists

Andrea Verhoeven & Louise Heavey

Paediatric service delivery in Australia: Parental experiences and perspectives

Leanne Ruggero, Patricia McCabe, Kirrie Ballard & Natalie Munro

Sport, Scales or War? Metaphors speech pathologists use to describe caseload management

Belinda Kenny & Michelle Lincoln

Interprofessional practice in speech and language pathology: Working together effectively

Louise Greenstock

Conference Program

2.00pm - 3.30pm

M9 Motor speech

Measuring motor speech disorders: Evidence from a mother and daughter with FOXP2 Mutation using Jaw Based Visuo-Motor Tracking as a tool for diagnosis

Claire Layfield, Mark Halaki, Nicholas O'Dwyer & Kirrie Ballard

Does how well you speak reflect how well you communicate in social situations? Experiences of a younger diagnosed group of people with Parkinson's

Martin Checklin

The motor speech impairment of Machado-Joseph Disease (MJD): A descriptive cohort study

Deborah Theodoros & Liz Ward

Finding a voice for people with spinal cord injury: Investigating abdominal binders as a treatment for dysarthrophonia

Petrea Cornwell, Brooke Wadsworth, Elizabeth Ward, Yujun Lim & Terrence Haines

3.30pm - 4.00pm

Afternoon tea

4.00pm - 5.30pm

M6 Private Practice: Standards & skills ensuring quality outcomes Cont/d (W)

Written contracts: An essential whether employing staff or engaging contractors

Ig Oostermeyer, Director & Principal Legal Counsel, Victorian Hospitals' Industrial Association

Negotiating contracts with schools: Tips and traps

Sophie O'Connell, Private practitioner & SPA NSW Community of Practice in Education (COPE) representative

4.00pm - 5.30pm

M10 Principles of community development (W)

Community development: Guess who's doing it now? YOU

All speech pathologists, regardless of clinical setting, are likely to be engaged in some degree of community development. The Australian Government recognises the need for and value of community development programs in a wide range of areas (see <http://www.fahcsia.gov.au/sa/communities/overview/Pages/default.aspx>)

Developing a framework for better understanding the principles of community development will enhance your current practice and expand your skills to enable you to better meet the needs of your clients and the communities in which they live, work and play.

Examples of community development within the speech pathology context will be given which highlight Bullen's (2007) models and approaches including: (See <http://www.mapl.com.au/ComDevModel.pdf>)

- Proactive people
- Community action
- Leadership & skill development
- Strengthening community connectedness
- Building service networks and organisational infrastructure

Objectives

This workshop will give participants the opportunity to explore community development within the context of their own work. Participants will develop an understanding of:

- Current trends in speech pathology: setting the scene
- What makes a community
- Principles of community development
- Developing awareness of how your current practice fits into a Community Development Framework
- Planning
- Evaluation & outcome measures
- Benefits of community development
 - For the client
 - For the community
 - For the practitioner
- Problem shooting

Method

The workshop will incorporate a combination of lecture style presentation, small group activities, brainstorming and an opportunity to explore how the principles & processes presented can be utilised back in your workplace.

Results

Participants will leave the workshop with skills and knowledge to apply principles of community development in their work place to the benefit of their clients.

Julie Kiroluch & Meredith Prain

Conference Program

- 4.00pm - 5.30pm **M11 Adult aphasia 1**
Communication difficulties after stroke in Indigenous Australians: Issues and attitudes
Elizabeth Armstrong, Deborah Hersh, Colleen Hayward & Melita Brown
Interaction within the language production system following stroke induced aphasia: A longitudinal study
Jessica Glover, Neville Hennessey, Jade Cartwright & Erin Godecke
Rehabilitation of Aphasic Discourse: A comparison of therapy techniques
Bronwyn Cox
Social Network Analysis as a measure of quality of life in severe aphasia
Georgia Garratt, Jade Cartwright & Neville Hennessey
- 4.00pm - 5.30pm **M12 Management**
DRGs and WIES for Dummies...: What every hospital speech pathologist needs to know
Janine Mahoney & Amanda Scott
Defining professional behaviours for speech pathologists
Susan Wyatt
Power to the People: Clinical supervision for the people, by the people
Sue Fitzpatrick
A time to get PICI: Have we changed how we spend our time?
Kate Short, Elizabeth Bourne, Sarah Whitney, Amanda Brignall, Joanne McAdam, Lisa Gallard & Lynette Spicer
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- 4.00pm - 5.30pm **M13 Working with Indigenous Australians**
The KARI connection: Aboriginal out of home care children, community, culture & a speech pathology service
Michelle Bockman & Kate Short
Remote Service Development: Increasing equity and accessibility for Indigenous clients
Laura Coakes

Talking together and yarning together: A universal early language initiative for health workers and caregivers

Sue Gawned, Elspeth Myers & Judy Troy

Indigenous Healthy Kids Week: An interdisciplinary health program promoting general health and development of Indigenous children aged 0-5 years in the Western Desert. A culturally appropriate initiative to screen and monitor Aboriginal children in remote communities in Western Australia

Liesl Pensio

5.45pm - 7.00pm University & staff reception

From 6.00pm Restaurant night (refer Pages 22 & 23)

Conference Program

Tuesday 28 June 2011

7.30am - 8.30am	Community of Practice in Education (COPE) Member Network breakfast
9.00am - 10.30am	TEU Elizabeth Usher Memorial Lecture <i>A new era in speech pathology practice: Innovation and diversification</i> Professor Deborah Theodoros
10.30am - 11.00am	Morning Tea
11.00am - 12.30pm	T1 Rural and remote <i>The football club and the pub: A qualitative review of the motivations of long stay rural speech pathologists</i> CaraJane Millar <i>Making AAC happen in remote Western Australia: Meeting the needs of a diverse caseload through collaboration and capacity building</i> Laura Coakes, Kelly Moore, Lisa Terry & Celeste Allan <i>Recruiting to the bush: Making a difference with student placements</i> Belinda Milne, Rachel Tosh, Bronwyn Davidson, Anne Hill & Prue Smeaton <i>Developing equity in rural Australia: Availability and accessibility of adult outpatient speech pathology services in rural NSW and Victoria</i> Marissa Stone, Linda Wilson, Michelle Smith-Tamaray & Lindy McAllister
11.00am - 12.30pm	T2 A practical workshop on speech prosody in motor speech disorders (W) Prosody is considered an important aspect of communication despite its relative neglect in the speech pathology literature and in training (Peppé, 2009). In childhood speech disorders, the focus has tended to be on remediating segmental errors (i.e. production of phonemes) to increase intelligibility. However, this ignores fact that inappropriate lexical, phrasal, sentential and contrastive stress patterns have dramatic effects on intelligibility and communicative effectiveness (Klopfenstein, 2009). In some childhood speech disorders such as childhood apraxia of speech (CAS) and dysarthria, dysprosody can be a key diagnostic feature (ASHA, 2007). At present, prosody is

rarely targeted in treatment and many adolescents with motor speech disorders who have completed traditional speech therapy programs continue to have present with dysprosody (Velleman & Shriberg, 1999). Despite the lack of consensus on the terminology and theories of prosody, there is already a body of literature that provides clinical guidance for assessment and treatment (e.g. Ballard, Robin, McCabe & McDonald, 2010; Munson, Bjorum, & Windsor, 2003). This workshop looks at these aspects and focuses on practical ideas to consider and use in the clinic.

Objectives

Learning objectives:

1. Develop an understanding of prosody
2. Determine the key features of dysprosody in different disorders (CAS, dysarthria etc)
3. Develop a tool kit for assessing prosody in clinical practice using theory to guide
4. Critique existing therapies aimed at treating motor control and their effect on production of prosodic contrasts
5. Develop an awareness of therapies for dysprosody that are being developed.

Method

A mixture of lecture, group and individual activities will be used including discussions and looking at video of case examples. The outline in the attached document for greater information provides examples of activities throughout the different content areas.

Results

This workshop will result in participants developing an understanding of prosody and being able to determine the key features of dysprosody in motor speech disorders. Participants will also understand existing assessment of prosody and will develop a tool kit for assessing prosody in clinical practice. This workshop will also result in clinicians critiquing existing therapy regarding production of prosody and developing an awareness of treatments designed for treating dysprosody.

Conference Program

Conclusions

At the end of the workshop participants will have a working knowledge of prosody and how it relates to motor speech disorders (CAS and dysarthria). They will also have a greater understanding and tool kit to assess for prosodic difficulties and an awareness of how prosody is affected or treated in existing treatments.

Elizabeth Murray, Patricia McCabe & Kirrie Ballard

11.00am - 12.30pm **T3 Paediatric fluency**

Group delivered Lidcombe Program: It is efficacious and efficient, but does it belong in your workplace?

Simone Lees, Mark Onslow, Sue O'Brian, Ann Packman & Susan Block

Anxiety, temperament, and stuttering during preschool years

Elaina Kefalianos, Sheena Reilly, Susan Block & Mark Onslow

The impact of stuttering on school-age children

Rosaria Strazzeri, Sally Hewat & Elizabeth Spencer

Treating stuttering in school age children with syllable-timed speech

Cheryl Andrews, Sue O'Brian, Ann Packman, Ross Menzies & Mark Onslow

11.00am - 12.30pm **T4 Advanced clinical practice in the hospital setting**

Agreement when rating instrumental swallowing assessments: Are we all together yet?

Joanne Sweeney, Rhonda Holmes & Michelle Cimoli

Advancing speech pathologist's clinical practice: The development of a Speech Pathology Tracheal Suctioning Training Program at Northern Health

Emma Beer

11.00am - 12.30pm **T5 Paediatrics 2**

Prosody in Asperger Syndrome

Kate King, Paul McCormack & Robyn Young

Early signs of autism spectrum disorders: Developmental patterns from infancy to school age in a community sample of Victorian children

Carly Veness, Margot Prior, Edith Bavin, Patricia Eadie, Eileen Cini & Sheena Reilly

Behavioural diversity in children with SLI

Diane Jacobs & Amanda Richdale

The Longitudinal Study of Australian Children: School outcomes for children identified with communication impairment in early childhood
Jane McCormack, Linda Harrison, Sharynne McLeod & Lindy McAllister

12.30pm - 2.00pm Lunch (including Rural & Remote Member Network 12.45pm-1.45pm) and (National Relay Service Workshop 12.45pm-1.45pm)

12.45pm - 1.45pm **TLS Building telephone independence – A National Relay Service practical training workshop for speech pathologists (W)**

The National Relay Service (NRS) is a phone solution for people who are deaf or have a hearing or speech impairment. The NRS contributes to independence and social connectedness for people who may otherwise be socially isolated or dependent on others. This supports client health in terms of quality of life, ageing in place, safety at home and reduced depression.

This practical training workshop develops speech pathologists' understanding and practical knowledge of the NRS and what the service offers their clients. The "hands-on" training component of this workshop takes participants through different NRS call types and associated technology, providing speech pathologists with the tools and knowledge to confidently help their clients access the service. This workshop was developed by and experienced instructional design team working with the NRS in response to feedback from speech pathologists and request for a practical approach to learning about how the NRS works and what it offers their hearing, speech impaired or complex needs clients. A similar workshop for audiologists was delivered nationally in 2010 and received high praise from the Australian Society of Audiologists and its members.

The NRS is a proven phone solution for people who are deaf or have a hearing or speech impairment; however many people who could benefit from using the service do not know about it.

Speech pathologists are an important point of contact for referring clients to the NRS and many have expressed the need to better understand how the service works and what it can offer clients. After attending the workshop, speech pathologists will gain an in-depth and practical understanding of how the NRS works, what it offers their clients and how it can promote better health outcomes.

Annabel Vasquez

Conference Program

2.00pm - 3.30pm

T6 Exploring the diversity experienced in ethical practice and the development of ethically proactive thought and behaviours (W)

This workshop is of vital interest to speech pathologists who engage in clinical and professional practice. The concepts discussed in the workshop embrace clinicians, managers and students who work in complex environments where demand and supply diverge; changes in technology force us to re-examine our practice; client issues are more complicated, chronic and long term; organisations operate in uncertainty and ambiguity about funding, programs and direction and where there is more legislation at federal and state levels.

Questions of ethics are fundamental to providers and consumers of services and to organisations who fund services. It is imperative that speech pathologists move away from a simplistic approach to ethical decision making by viewing incidents in isolation and referring to the Code of Ethics; rather we need to view ourselves as professionals who embed the issues of ethics into everyday thinking and practice.

The Speech Pathology Australia Code of Ethics was reviewed in 2009 and launched at the National Conference in Melbourne in May 2010.

The Ethics Board has been undertaking an implementation and education plan for the Code of Ethics during 2010-2011. Very experienced facilitators from the Board will work with participants and elements of the new Ethics Education package to demonstrate the integration of ethical decision making into everyday practice, how we view ethical dilemmas and what approaches we use to resolve and even anticipate them.

The workshop will also serve as a feedback mechanism from participants as to their needs regarding ongoing professional development about ethics.

Objectives

Use the revised Code of Ethics (2010) as a framework for ethical decision making by broadening participants' understanding of such frameworks. Move from a simple single isolated incident view of ethics and potential breaches to an integrated problems solving and embedded thinking approach.

Method

Use case scenarios/vignettes as opportunities for participants to freely discuss and embrace the concepts of thinking and proactively engaging in ethical ways that are embedded in everyday practice.

Results

Increase participants' understanding that the Code of Ethics applies to all speech pathologists in every aspect of their work life and practice.

Increase participants' ability to recognise and act on ethical dilemmas as they arise in the workplace.

Increase participants' skills in anticipating, identifying and pre-empting ethical issues.

Conclusions

This workshop will offer opportunities to discuss a range of ethical dilemmas with experienced clinicians, reflect on the revised Code of Ethics and consider how our Continuing Professional Development will regularly include the concepts of ethical decision making.

Suze Leitao, Trish Bradd, Lindy McAllister, Alison Russell, Belinda Kenny, Nerina Scarinci, Helen Smith, Natalie Ellston, Christina Wilson, Peter Dhu & Noel Muller

2.00pm - 3.30pm

T7 Goal setting and writing (W)

Goals for client management, student learning and professional development are the foundations upon which accountable professional practice are based. Despite this, goal setting continues to pose a challenge for many in the profession. Regardless, fellow professionals, the community, funding bodies and most importantly our clients expect health professionals to base intervention decisions on a combination of research findings, client preference and evidence from clinical practice. Our employers expect us to generate and meet professional development goals. Our students need to write a range of goals in relation to their learning, client management and personal advancement. Goal writing is a skill that is a necessary component of client centred, accountable and evidence based practice which can be learned and refined. This workshop is suitable for students and clinicians who wish to improve the efficiency and effectiveness of their clinical and professional goal writing. Practical, case based individual and small group exercises (related to both paediatric and adult clients) will ensure that participants understand the rationale for appropriate goal writing. By the end of the workshop, participants will be able to write a variety of appropriate and measurable clinical and professional goals that are suitable for use in different clinical and professional settings.

Conference Program

Objectives

This interactive workshop will investigate speech pathologists understanding of clinical and professional goals, and improve their goal writing skills.

Method

Individual and group activities will be utilised, including:

- Discussion regarding goals, activities and plans.
- Interpretation of assessment data/videos and practice goal setting for adults and children with communication or swallowing impairment.
- Discussion and feedback regarding goals written in the workshop.

Results

Participants will be able to:

1. Explain why appropriate goal setting is fundamental to client centred practice.
2. Gain consensus regarding commonly used goal terminology (e.g. "long term" etc).
3. Correctly differentiate between goals, plans & activities.
4. Generate goals using common formats.
5. Generate appropriate clinical goals for adult and paediatric clients at all levels of The International Classification of Disability and Health (ICF).
6. Accurately evaluate progress towards goal achievement through the use of foreground questions and recognised outcome measures.
7. Identify ethical issues involved in goal setting.
8. Identify and remediate common errors in goal writing.

Conclusions

Goal setting and writing underpin accountable professional practice. However, goal setting is an activity that many speech pathologists consider challenging. Participants will leave this workshop having improved the efficiency and effectiveness of their clinical and professional goal writing.

Emma McLaughlin & Diane Jacobs

2.00pm - 3.30pm

T8 Voice

The use of the Lee Silverman Voice Treatment with unilateral vocal fold palsy post radiation therapy

Jocelyn Gilbert, Nicole Gadsby & Elizabeth Ward

Are there differences between novice and expert speech pathologists in the prepractice phase of voice therapy?

Rosie Lawrie, Catherine Madill & Tricia McCabe

Can the principles of motor learning be applied to the acquisition phase of voice therapy?

Cate Madill, Anna McIlwaine, Patricia McCabe, Rosanne Lawrie & Rob Heard

Perceptions of gender using Voice Manipulation Software

Lauren Belleli, Georgia Dacakis & Jennifer Oates

2.00pm - 3.30pm

T9 Paediatrics 3

The development of multisyllabic word naming: When do binocliars become binoculars?

Suze Leitão, Mary Claessen

The early, middle and late eight: Revised ages-of-acquisition for English consonants

Deborah James

Living with speech impairment: Reflections on life from early childhood to adulthood

Jane McCormack, Sharynne McLeod, Lindy McAllister & Linda Harrison

Describing the emergent literacy skills of 4-year-old children who receive free Kindergarten early childhood education in New Zealand

Marleen Westerveld, Anne van Bysterveldt, Gail Gillon & Lynda Boyd

2.00pm - 3.30pm

T10 Adult aphasia 2

Aphasia rehabilitation in Australia: Current practices, challenges, and needs

Miranda Rose, Alison Ferguson, Leanne Togher & Linda Worrall

Stroke-a-Chord: A choir to improve the social and emotional experience of people living with aphasia

Felicity Baker, Bronwen Jones, Annelis Way, Stuart Lee, Jeanette Tamplin, Wendy Lyons & Jack Mulholland

Conference Program

	<p><i>Legal needs of people with aphasia: A preliminary investigation</i> Karen Barr, Alison Ferguson & Linda Worrall</p> <p><i>The development and outcomes of an inter-agency group therapy programme for people with aphasia and their partners</i> Ruth Sweet, Kirstyn O'Rourke, Cathryn Shapter & Sarah Lock</p> <hr/>	
3.30pm - 4.00pm	Afternoon Tea	
4.00pm - 5.10pm	<p>T6 Exploring the diversity experienced in ethical practice and the development of ethically proactive thought and behaviours Cont/d (W)</p> <p>Suze Leitao, Trish Bradd, Lindy McAllister, Alison Russell, Belinda Kenny, Nerina Scarinci, Helen Smith, Natalie Ellston, Christina Wilson, Peter Dhu & Noel Muller</p> <hr/>	
4.00pm - 5.10pm	<p>T7 Goal setting workshop Cont/d (W)</p> <p>Emma McLaughlin & Diane Jacobs</p> <hr/>	
4.00pm - 5.10pm	<p>T11 Paediatrics 4</p> <p><i>Implementing Paediatric Clinical Competencies</i> Kat O'Heir, Kate Short, Elizabeth Scerri, Helen Cooper & Brooke Butt</p> <p><i>Examining the presence of language stimulation in an early childhood music program: The development of a framework</i> Paula Ferrari, Anne Scott & Philip Clarkson</p> <p><i>Hanen – The 'It Takes Two to Talk Program' for parents: Is it a worthy investment for children and their families?</i> Kylie Webb, Robyn Skerrett & Narelle Anger</p> <hr/>	
4.00pm - 5.10pm	<p>T12 Adult speech & language</p> <p><i>Niemann-Pick disease Type C.....It's in the family!</i> Danielle Schubiger</p> <p><i>Group Therapy... A 'Stroke' of Luck!</i> Lisa Terry & David Meade</p> <hr/>	
4.00pm - 5.10pm		<p>T13 AAC</p> <p><i>Talking pictures: Using visual schedules to support communication for children with autism in special school classrooms</i> Amelia Edwards & Chris Brebner</p> <p><i>Vision impairment and picture symbols for communication</i> Annette Clarke</p> <p><i>What's APPropriate: AAC Apps for iPhones, iPads and other devices</i> Jane Farrall</p> <hr/>
5.30pm - 6.30pm		<p>Introducing CBOS 2011: Revised entry level standards for speech pathologists</p> <p>The Competency Based Occupational Standards (CBOS) for Entry Level Speech Pathologists was developed in 1994 and the first revision of the document was released in 2001. During the 16 year span of CBOS, Speech Pathology Australia has incorporated the CBOS into a number of major functions in its structural organization. The primary functions continue to be i) describing the required competencies of entry level speech pathology graduates, ii) accreditation of university speech pathology programs, iii) the basis for the national competency based assessment of speech pathology students COMPASS™, and iv) assessment of both re-entry to the profession and overseas qualifications.</p> <p>The current review of CBOS took place throughout 2010. Reference Groups were established in SPA branches and focus groups were held in States and Territories, via teleconferences and at the National Conference. In these forums feedback was obtained from members of the Association and interested stakeholders.</p> <p>This session provides an opportunity for the profession to be introduced to the new 2011 version of CBOS. The structure of the CBOS document – containing units, elements, performance criteria and cues - has remained. A significant inclusion is the ICF framework which provides an overarching structure for speech pathology practice throughout the document. Consultation with the profession has allowed extensive review and updating of the Range of Practice expectations for entry level speech pathologists, along with a revamping of the Units. Come along and be the first to hear about the major changes to this important Association document.</p> <p>Patricia Eadie & Vickie Dawson</p> <hr/>
6.30pm - 8.30pm		Speech Pathology Australia: Annual General Meeting & Drinks

Wednesday 29 June 2011

7.00am - 8.30am

WB Australian Standardised Terminology of Textured Modified Food & Fluid breakfast session (W)

In May 2007, Speech Pathology Australia and the Dietitians Association of Australia (DAA) successfully launched the 'Australian Standardised Terminology and Definitions for Texture Modified Foods and Fluids', otherwise known as 'the Standards'. The development of the Standards was an 18 month collaborative project between DAA and Speech Pathology Australia.

A quality improvement project was undertaken between May 2010 and October 2010 to evaluate the uptake of The Standards. The project was undertaken by a project team of two Speech Pathologists from Southern Health, a public healthcare organisation in Melbourne, Australia, in conjunction with representation from Speech Pathology Australia and the DAA. A multi-disciplinary reference group was convened to assist in meeting the project aims.

In August and September 2010, a series of online surveys were distributed to key stakeholders to evaluate the uptake and implementation of the Standards in a variety of settings across Australia and to determine enablers and barriers to successful implementation of The Standards.

The results of the surveys were used to develop a variety of recommendations on how to extend the depth and breadth of penetration of The Standards and to develop recommendations for future resource development to support ongoing implementation of the Standards among stakeholders.

Objectives

1. Present the results from the evaluation of the uptake of the Standards
2. Present the recommendations from the evaluation in terms of the next steps in progressing consistent use of the Standards
3. Increase awareness amongst health professions involved in working with people with dysphagia e.g. speech pathologists, dietitians, nurses, food services managers and staff, nutrition technicians, Patient Services Assistants
4. Increase awareness amongst organisations who care for people suffering from dysphagia, either short or long term.

Method

1. Literature review
2. Survey development and distribution
3. International contacts to ascertain awareness and/or utilisation
4. Analysis of quantitative and qualitative data

Results

Data analysis presented (currently being analysed)
Recommendations developed from survey and contacts.
Proposal for next project
National PD tour

Conclusions

Further work needs to occur to increase penetration of the National Standards into a variety of health care settings, in particular rural and remote settings.

Sarah Jukes, Michelle O'Rourke, Christina Wilson & Kate Paul

9.00am - 10.30am

WKP Keynote Presentation

Closing the communication gap in Indigenous health: Working together to improve practice and outcomes

Dr Anne Lowell

10.30am - 11.00am

Morning Tea

11.00am - 12.30pm

WKW Keynote Workshop Presentation (W)

Closing the communication gap in Indigenous health: Strategies for improving intercultural practice

In this interactive workshop participants will have the opportunity to work with the Yolgnu facilitators Elaine Maypilama, Jane Galathi, Helen Nyomba and Phyllis Batumbil to develop their understanding of the complex cultural, linguistic and political influences on communication in the context of Indigenous health. A range of issues related to communication will be explored in this workshop including: cultural differences in communication development and perceptions of disability; communication strategies used by Yolngu both at home and at school; as well as challenges in intercultural communication, particularly within the context of health care.

Conference Program

There will be a particular emphasis on assisting participants to recognise the extent to which Western understandings and practice are culturally specific, that is, to develop skills in cultural reflexivity. Strategies for achieving culturally responsive practice through collaborative relationships which recognise and accommodate Indigenous knowledge, skills and priorities will be explained and demonstrated. Role-plays and practical demonstrations will be utilized to illustrate the many challenges in achieving effective communication, and to demonstrate effective practice when working with interpreters and co-workers. Although this workshop focuses on communication with a particular Indigenous language group, the knowledge and skills introduced in the workshop will also have relevance for participants working in other intercultural contexts.

Dr Anne Lowell

11.00am - 12.30pm **W1** *The development paradigm: Challenges and opportunities facing an emerging profession in diverse communities (W)*

This workshop will explore themes surrounding the evolution of the speech pathology profession in countries and communities where current provision of services for people with communication and swallowing problems is limited or non-existent. A series of papers will communicate the experiences of speech-language pathologists who have worked in a diverse range of settings locally and internationally. Through these papers, workshop participants will be provided with a broad overview of up-to-date "hot" issues in this field and will be encouraged to explore facilitators and challenges to the development and provision of speech pathology services in underserved communities. Participants will be asked to consider how capacity may be supported and enhanced so that skills, resources and services meet the needs of communities on an ongoing basis.

Objectives

The objectives of this workshop will be for participants to:

1. Enhance their understanding of key issues in the emerging profession of speech pathology in countries and communities where there are limited or non-existent services;
2. Enhance their awareness of the opportunities and challenges posed to progressing speech therapy training programmes and placement opportunities in developing countries and communities;

3. Develop an understanding of the importance of building sustainable relationships and partnerships to the long term success of initiatives that aim to assist countries build their capacity for self-management.

Method

A series of 5 papers will be presented by speech pathologists who have recently worked in or are currently working/engaged in the field of speech- language pathology in communities with little or no experience of speech therapy services, such as Vietnam and Africa, and in indigenous communities in Australia.

A guided panel discussion will follow, which will bring together the key themes of the papers and seek audience reflection and dialogue regarding key themes identified.

Results

Participants will gain an enhanced understanding of how profound economic, personal and social challenges impact provision of health, education and other services within diverse communities. Participants will acknowledge the importance of developing relationships that reflect mutual understanding and respect; they will see this as core to the success of any initiative that hopes to build the capacity of communities to meet the communication and swallowing needs of its members. Through the reflections of clinicians, students and other stakeholders, participants will gain insights into the challenges and rewards of working in diverse communities, and have the opportunity to explore cultural diversity with new eyes.

Marie Atherton, Bronwyn Davidson, Julie Marshall, Lindy McAllister, Karen Wylie, Alison Nelson & Anne Hill

11.00am - 12.30pm **W2** Dysphagia 1

Managing clinical risk in the acute general medical population: Beyond dysphagia management

Julie-Anne Coyle & Ilana Taubman

Oesophageal dysphagia in patients investigated for oropharyngeal dysphagia via modified barium swallow

Julia Greig & Charles Cock

NOFs and coughs: Dysphagia as a consequence of falls in the elderly

Amanda Love & Petrea Cornwall

Conference Program

- 11.00am - 12.30pm **W3 Paediatrics 5**
Developing validated standardised bedside dysphagia assessments in the acute inpatient setting: A pilot exploration study
Emma Tyler-Boltrek & Sue McAllister
-
- 11.00am - 12.30pm **W3 Paediatrics 5**
Access and capacity to support young children at school with reading difficulty: Views from speech pathologists. Research supported by the Nadia Verrall Memorial Research grant 2010
Tanya Serry
- A pilot study of the Telehealth Administration of a Phonological Awareness Intervention Program*
Monique Waite, Deborah Theodoros & Trevor Russell
- Underlying phonological representations in children with language impairment: Judgement and production of multisyllabic words*
Mary Claessen & Suze Leitão
- Efficacy of vocabulary intervention in young children with expressive language delay*
Catherine Moran & Brooke Moore
-
- 11.00am - 12.30pm **W4 Paediatric disability**
Health professionals discuss children with complex communication needs in hospital
Bronwyn Hemsley, Bronwyn Davidson & Sabrena Lee
- Word production inconsistency of adolescents with Singaporean-English speaking Down Syndrome aged 13-18 years*
Betty Wong, Paul McCormack, Andy Butcher & Chris Brebner
- Investigation of early feeding abilities of infants with congenital cardiac conditions*
Bernadette O'Connor Carly Veness, Katherine Ong & Swee Kum Ho
- Creating collaborative teams for children with complex needs*
Kate Moseley & Sue Colley
-
- 12.30pm - 2.00pm Lunch and poster session (including Working in Developing Communities Member Network 12.45pm - 1.45pm)
-
- 2.00pm - 3.30pm **WKW Workshop presentation Cont/d**
Closing the communication gap in Indigenous health: Strategies for improving intercultural practice (W)
Dr Anne Lowell
-
- 2.00pm - 3.30pm **W5 Adult service delivery**
Development and implementation of an Allied Health Clinical Prioritisation Protocol
Christine Stone, Michele Goding & Charmaine Briffa
- Showing our credentials*
Julia Greig & Stephanie Martin
- Benchmarking speechBITEs use of the PEDro-P scale for rating group comparison studies*
Elizabeth Murray, Emma Power, Leanne Togher, Patricia McCabe, Natalie Munro & Kate Smith
- "How much is too much?": Development of an objective measure for clinical need in the sub-acute setting*
Merridy Moore
-
- 2.00pm - 3.30pm **W6 Dysphagia 2**
Dysphagia is a common and serious problem for adults with mental illness: A systematic review
Kristy Aldridge
- "Setting the bar straight": Case study and literature review of cricopharyngeal bar*
Sophie Bradstreet & Joanne Sweeney
- The validity of self-reported dysphagia and aspiration in patients with Chronic Obstructive Pulmonary Disease*
Anita McKinstry
- Does a dementia specific mealtime plan improve nutritional status?*
Claire Nailon, Leora Benjamin & Amanda Scott
-

Conference Program

2.00pm - 3.30pm

W7 Paediatric mental health

"A Credible Cry for Help" Part 3. Recommendations from the Communicate project: Implications for speech pathology interventions with Deliberately Self-Harming young people

Narelle Anger, Angela Clarke, James Scott, Julie Ball, Ferhana Khan, Louise Brown & Gary Williams

Facilitating attachment in a Foster Care Population: A hands-on project by Child & Youth Mental Health (CYMHS) speech pathology and Early Intervention Specialists (EIS)

Camille Vickerson & Kimberly Curr

Small group program for children with mental health diagnosis of anxiety and language disorder

Adele Wallis

Psychosocial impacts of toddlers with language impairment: Is language intervention enough?

Shareen Forsingdal, Anna Harvey, Narelle Anger, Alison Waters & Michelle Hood



2.00pm - 3.30pm

W8 Clinical education

Developing our practice as educators: Benchmarking COMPASS® for curriculum renewal

Sue McAllister, Bronwyn Davidson, Anne Hill, Louise Brown, Rachel Davenport, Michelle Lincoln, Alison Ferguson, Helen Tedesco, Samantha Kruger & Jonquil Eyre

Student diversity and implications for clinical competency development: A 'snapshot' of domestic and international speech pathology students

Stacie Attrill, Michelle Lincoln & Sue McAllister

Learning together: Peer learning in speech pathology clinical placements

Anne Hill, Ann Finnimore, Katherine Cooper, Bronwyn Davidson, Lynn Woodhouse & Ronelle Hewetson

Aboriginal health knowledge: How do speech pathology students stack up?

Alison Purcell, Lyndal Sheepway, Belinda Kenny & Patricia McCabe

3.45pm - 4.30pm

Close of Diversity & DevelopmeNT 2011 and launch of 2012 Hobart National Conference

7.00pm - 12.00am

Pre Dinner Drinks and Guild Conference Dinner

The logo for Guild, featuring a stylized blue 'G' icon followed by the word 'Guild' in a bold, black, sans-serif font.

Silver Sponsor

The logo for Pearson, featuring the word 'PEARSON' in a large, bold, black, sans-serif font with a curved line underneath. Below the line, the text 'Clinical and Talent Assessment' is written in a smaller, black, sans-serif font.

Member Networks

Member Networks are part of Speech Pathology Australia's commitment to ongoing professional development and professional support for its members. Throughout the Conference there will be a number of Member Network events. These events are open to all delegates, both existing members of the Networks and Speech Pathologists who would like to find out more about what the Networks do. Make sure you register by indicating your preference in the boxes provided on the online registration form.

Student Member Network, with Council and Executive: Monday 27 June: 10.30am - 11.30am

Students are invited to meet the Speech Pathology Australia Council, executive, and other students. Please come along to learn about the Student Member Network, share ideas with students from other universities, and celebrate the achievements of the network over the past year. Morning tea is provided.

Private Practitioners Member Network: Monday 27 June: 12.45pm - 1.45pm

The Private Practitioners Member Network provides a national voice for speech pathologists working in independent practice. This network also provides information and professional development to members of Speech Pathology Australia. Join us for lunch to learn more about this network and contribute your ideas to guide its future activities.

Community of Practice in Education (COPE) Member Network: Tuesday 28 June: 7.30am - 8.30am

This network supports members who work with or support school-aged clients. Current major goals for the COPE network include advocacy, sharing of information, mentoring and research.

Please take this opportunity to discuss relevant issues with your peers, and share your achievements. Input your ideas to direct the future of the COPE Member Network. Give your day a stimulating start by joining us for a light breakfast - there is no charge for this breakfast.

Rural and Remote Member Network: Tuesday 28 June: 12.45pm - 1.45pm

This network supports members who work in rural and remote areas or have an interest in the issues that are applicable to rural Speech Pathologists. Past discussions have revolved around student placements, recruitment and retention, supervision, professional development, the impact and advancement of technology, as well as rural loyalty and teamwork.

Join us for lunch to network with other speech pathologists with an interest in rural and remote practice, share stories and triumphs from your everyday work, and participate in an update discussion on how this network can help tackle the challenges that come with geographical isolation.

Speech Pathologists Working With Developing Communities: Wednesday 29 June: 12.45pm - 1.45pm

This network is formed from members of Speech Pathology Australia who are interested in advancing speech pathology practice in partnership with developing communities. Over the past years this network has grown, and it now includes members who face or have experienced the challenges and rewards of working overseas or in Australia in a voluntary capacity, students who are undertaking placements and members who are teaching at universities overseas. The network provides practical information, a Discussion Forum, and mentoring support to Speech Pathologists undertaking work with developing communities. Join us for lunch to share your ideas and stories, and to be inspired.



Special Interest Groups (SIGs) are not auspiced under Speech Pathology Australia as they comprise members and non-members. However Speech Pathology Australia recognises the importance of these SIGs, and supports National SIG meetings at this Conference. Please advise the details of any meetings to conference@speechpathologyaustralia.org.au so it can be listed in the final program. Local SIGs may also wish to gather and groups are encouraged to arrange this independently, perhaps at one of the cafés or restaurants close to the Conference venue.

Highlights

Sunday 26 June 2011

Pre-Registration and exhibition 5.00pm – 6.30pm

Enjoy a drink after you have collected your registration pack. Take the time to network with your exhibitors, your colleagues and catch-up with old friends before proceeding to *Crocosaurus Cove* and the 2011 National Conference Welcome Reception.

Welcome Reception: Crocosaurus Cove 6.30pm – 8.00pm

Proudly sponsored by
Northern Territory Government



Coaches will depart the Darwin Convention Centre between 6.20pm and 6.45pm for the short drive to the city centre and Crocosaurus Cove. Alternatively you might enjoy the leisurely walk. Finger food and drinks will be served, plus the opportunity to network informally with fellow delegates, sponsors and exhibitors.

Monday 27 June 2011

University Staff Reception 5.45pm – 7.00pm

University staff are invited to join Council for drinks and nibbles at the end of the day.

Restaurant Night

The CPC is offering the following restaurants for delegates to consider for the Restaurant Night. To enable us to provide the restaurant with an indication of numbers, we ask that if you wish to attend you make the necessary selection when completing the online registration. Prices are for the meal only and are correct as at 4 March 2011 but are subject to change. Drinks can be purchased on the night. Please note the evening commences at 7.00pm except for the Sunset Buffet Dinner Cruise which commences at 6.00pm.

1. Hanumans

Indonesian spirit houses, Indian minstrels, stunning lighting and mouth watering flavours. Hanumans will awaken your tastebuds to some of the most authentic cuisines imaginable. A read of the menu turns into a struggle of desires; each dish offers flavours that will transport you directly to Asia. Locals and visitors flock to this classy but unpretentious restaurant to savor Thai, Indian and Nonya dishes served exquisitely with attention to detail.

Prices: Entree: \$11-\$32
Mains: \$12.50-\$32.50
Dessert: \$13

Payment accepted: MasterCard, Visa, Diners Club, American Express and EFTPOS
Location: Holiday Inn Esplanade, 93 Mitchell St, Darwin

2. Thallicious

With an open-air mid-city rooftop location, cheerful vibe, exotic decor and excellent Thai food, Darwin's Thallicious restaurant is a Top End favourite. Choose from rooftop tables open to the sky, seats under the awning with fans or, for the ultimate in relaxed dining, select the floor seating with gorgeous cushions and a

benevolent golden Buddha for company. A full selection of cocktails, wines and imported and local beers complements the extensive menu. Prices are mid-range and good value with economic banquet options available.

Prices: Entree: \$6.90-\$8.80
Mains: \$15.80-\$25

Payment accepted: MasterCard, Visa, Diners Club, American Express and EFTPOS
Location: Shop 13, 69 Mitchell St, Darwin

3. Char Restaurant @ Admiralty

Not just your average steakhouse, Char Restaurant at Admiralty occupies a prime location overlooking Darwin's green-lawned esplanade to the sea from the charming, heritage-listed Admiralty House. It also holds a prime spot in the Top End dining sense; connoisseurs of steak come here for the finest cuts from the char grill.

Prices: Entree: \$12-\$29
Mains: \$24-\$36.50
Dessert: \$10.50-\$12

Payment accepted: MasterCard, Visa, Diners Club, American Express and EFTPOS
Location: The Esplanade, cnr Knuckey St, Darwin

4. Il Lido

The latest addition in the Jimmy Shu stable, Il Lido – an exciting new Italian restaurant in Darwin. A dress circle location on the Darwin Waterfront and sweeping views over the Convention Centre, Wave Pool, Lagoon, Stokes Hill Wharf and to the harbour beyond. With a fresh and bright tropical feel, Il lido will become your favourite breakfast spot, a fabulous venue to linger over lunch or a divine dinner destination.

Prices: Entree: \$7-\$18
Mains: \$14.-\$34
Dessert: \$12-\$24

Payment accepted: MasterCard, Visa, Diners Club, American Express and EFTPOS
Location: Darwin Waterfront, near Convention Centre

Highlights continued...

5. "Charles Darwin" – Sunset Buffet Dinner Cruise

The Dinner Cruise aboard the "Charles Darwin" is a great way to get a bird's eye view of the famous Darwin Sunset whilst enjoying a delicious Territory Style Buffet with Australian Seafood and Local produce all in air-conditioned comfort. This two-hour cruise on the "Charles Darwin's" Captains Deck (main Deck) also includes great commentary and offers the best value for money dinner cruise on Darwin Harbour. This Sunset cruise is the perfect way to feed the family and enjoy the scenery.

Boarding commences at 5.45pm from Stokes Hill Wharf.

Departs: 6.00pm Returns: 8.00pm

Prices:

Adult: \$82.00

Senior: \$72.00

Children*: \$52.00

*Child's age is from 4-14 years

A restaurant list will be placed at the Conference Registration Desk and final bookings will need to be provided to the restaurants/cruise by the close of morning tea on Monday.



Tuesday 28 June 2011

Speech Pathology Australia AGM (followed by refreshments) 6.30pm – 8.30pm

Help us celebrate the Association's 2010 achievements, and recognise some of the outstanding members of our profession, at the Annual General Meeting.

Wednesday 29 June 2011

Conference Dinner "A touch of the tropics" 7.00pm for 7.30pm until midnight Proudly sponsored by



The Guild Conference Dinner, to be held in Hall One of the Darwin Convention Centre, will provide a fitting conclusion to Diversity & DevelopmeNT 2011.

Following three days of high calibre presentations, workshops, stimulating professional development and discussion, enjoy this fabulous social opportunity with friends and colleagues.

A three course, all inclusive dinner will be served in elegant surroundings. One of Darwin's most exciting live acts **Da Bomz**, will provide a great night's entertainment. The CPC invites you to wear something tropical in keeping with the theme "A touch of the tropics".

The Guild Conference Dinner is included with all Full Practising Member and Non Member Conference registrations.

Additional tickets to this event will be available for purchase.

Registration Options

All fees are quoted on a per person rate and are listed in Australian dollars and include GST. Non members may consider applying for membership to obtain the member rates.

Full Conference Registration Fees	Early bird Member closes Tuesday 17 May 2011	Regular Member	Early bird Non-Member closes Tuesday 17 May 2011	Regular Non-Member
Practising Standard	\$792.00	\$874.50	\$1584.00	\$1743.50
Full-Time Post Graduate Student	\$478.50	\$528.00	\$1584.00	\$1743.50
Re-Entry & Non Practising	\$478.50	\$528.00	\$1584.00	\$1743.50
Student (Entry level i.e. Graduate Entry Masters and UG Bachelor students)	\$319.00	\$352.00	\$1584.00	\$1743.50

Day Conference Registration Fees	Early bird Member closes Tuesday 17 May 2011	Regular Member	Early bird Non-Member closes Tuesday 17 May 2011	Regular Non-Member
Practising Standard	\$297.00	\$330.00	\$595.00	\$660.00
Full-Time Post Graduate Student	\$176.00	\$198.00	\$595.00	\$660.00
Re-Entry & Non Practising	\$176.00	\$198.00	\$595.00	\$660.00
Student (Entry level i.e. Graduate Entry Masters and UG Bachelor students)	\$115.50	\$121.00	\$595.00	\$660.00

Social Events Ticket Prices (per person)

Welcome Reception	\$77.00
Conference Dinner	\$126.50

Full Conference Registration Fees include:

- Welcome Reception drinks
- Conference materials
- Morning tea, lunch and afternoon tea each day for the duration of the Conference
- Conference sessions Monday-Wednesday
- Conference Dinner (for **Full** registration Member Practising and Non Member only)
- Copy of Conference proceedings published in the special edition of Advances in Speech Language Pathology

Please note: The Conference Dinner **is not included** in the Full-Time Post Graduate, Re-Entry, Non Practising and Student Registration Fees. Tickets to the Conference Dinner can be purchased separately for \$126.50 each.

Day Conference Registration Fees include:

- Conference materials
- Morning tea, lunch and afternoon tea for your nominated day/s
- Conference sessions for your nominated day/s
- Copy of Conference proceedings published in the special edition of in the International Journal of Speech-Language Pathology

Please note: The Welcome Reception drinks and Conference Dinner **are not included**. Tickets to the Welcome Reception \$77.00 each and Conference Dinner \$126.50 each can be purchased separately.

Member fees apply to 2011 Speech Pathology Australia members, *members of the international speech pathology professional associations, and *members of other allied professional associations who are not speech pathologists. *Members need to fax or email evidence of membership of the relevant Association to National Office on fax: 03 9642 4922 or email: conference@speechpathologyaustralia.org.au

Registration Options

Conditions of Registration and Payment:

When you register online you will be emailed your tax invoice/receipt and confirmation letter within an hour. You must print these for your records. These documents are only valid once your payment is received and processed. **Registration must be made by Tuesday 17 May 2011 to receive the Early bird rates. No extensions will be given.**

Registrations received after this date will automatically upgrade to the Regular rate.

Cancellations and refund of fees

A full refund less \$77.00 administration charge will be paid if notification of cancellation in writing (emailed for faxed) is received by Monday 16 May 2011.

Notification in writing from the 17 May and until the 9 June will result in a refund of 50% of the registration fee.

There will be no refund of the registration fee from 10 June 2011.

Privacy Statement

The Speech Pathology Association of Australia Limited is a company under the Corporations Act of Australia and is a professional association for speech pathologists. It is acting as the conference organiser for the 2011 Speech Pathology Australia National Conference.

Contact details:
Speech Pathology Australia
Level 2, 11-19 Bank Place,
Melbourne, Vic 3000
Ph: +61 3 9642 4899
E: conference@speechpathologyaustralia.org.au

You have the right to gain access to the personal information we collect from you on the registration forms or any other conference material.

Any personal information we collect from you may be used to promote the speech pathology profession and the objects of Speech Pathology Australia, including:

- Keeping you informed regarding conference activities
- Maintaining membership records
- Conducting Branch and area activities
- Mailouts for research purposes
- Collation of data about the profession
- 3rd parties involved in the 2011 National Conference.

The Conference Planning Committee (CPC) of the 2011 National Conference will share your contact information supplied on the registration form with sponsors, exhibitors and delegates in the form of a Delegate Listing. If you do not wish for this to occur, please ensure you indicate on the registration form.

Speech Pathology Australia policies for the management of personal information are set out in the publication entitled "Speech Pathology Australia Privacy Policy" available from Speech Pathology Australia upon request.

How to register

Online Registrations

All registrations are to be done via the secure Online Conference Registration Form on the Conference website. Payment is via credit card only. This facility will provide instant confirmation and issue of a tax invoice/receipt. Speech Pathology Australia does not accept shared registration. Please also note that your membership category will automatically determine the applicable registration fee.

REGISTER NOW



How to join

One of the greatest rewards of being Speech Pathologists is connecting with others within our profession.

Speech Pathology Australia is:

- **The National Peak Body** representing a dynamic profession,
- **Represents the Profession** to Government and key stakeholders,
- **Advocates** on behalf of those with communication and swallowing difficulties, for accessible and adequate speech pathology services,
- and provides a wide range of **Member Services and Benefits**

[Click on this link to read about the benefits of membership](#)

ENQUIRE NOW.

Accommodation

Hotel	Star	Room Rate	Room Type	Description
Crowne Plaza Darwin	5	\$245.00	Standard Room	Crowne Plaza Darwin is situated in the vibrant centre of Darwin. Metres from the Esplanade, Darwin Harbour and Darwin Convention Centre, the hotel has deluxe accommodation with most views of Mitchell Street and the Harbour. Facilities including wireless and high speed Internet access, gymnasium, valet parking, 24 hour room service and reception, outdoor pool located on the 10th floor, Redsalt bar and grill restaurant and one of the best addresses in Darwin.
Vibe Hotel Darwin Waterfront	4.5	\$240.00	Standard Room	Winner of the 2009 HM Award's "Best New Hotel", Vibe Hotel Darwin Waterfront is located in Darwin's Waterfront, on the fringe of Darwin CBD and is perfectly positioned to explore Darwin's newest restaurants, boutique shops and seafront promenade.
Medina Grande Darwin Waterfront	4.5	\$260.00	Premier Studio Room	The proximity of Medina Grand Darwin Waterfront to the CBD is complemented by the superb facilities on the Waterfront itself, including Darwin's magnificent new Convention Centre. Waterfront is new buzzing heart of this vibrant tropical harbour city. Now you too can enjoy this locale from the comfort of your Medina hotel apartment.
Holiday Inn Esplanade Darwin	4.5	\$220.00	Standard Room	Holiday Inn Esplanade Darwin is in the perfect location to enjoy stunning parkland with ocean views, and the excitement of Darwin's most vibrant location, Mitchell Street. Boasting a large outdoor pool, comfortable rooms, and a friendly relaxed atmosphere, Holiday Inn Esplanade Darwin is the perfect place to enjoy your stay in the Top End.
Mantra Pandanas	4.5	\$233.00	Standard Room	Located in the heart of Darwin, Mantra Pandanas combines sophisticated city chic with Darwin's famous laid back, tropical culture, making this property an ideal base for your Darwin trip. Offering 336 studio, hotel, one and two bedroom apartment style rooms, Mantra Pandanas is supremely appointed with modern contemporary décor and luxury amenities.
Palm City Resort	3.5	\$180.00 \$190.00 \$185.00 \$240.00 \$285.00	Standard Motel Room Superior Motel Room Duplex Villa Business Villa Spa Villa	Besides having the most convenient location in the Top End of Australia, Palms City Resort has various styles of affordable, tropical style accommodation. From our 3.5 star standard motel rooms to our unique Business Villas with outside Spa, you'll find the style of accommodation to suit your taste and needs.
Melaleuca on Mitchell (backpacker)	3	\$30.00	4 or 6 Bed Dorms	MOM backpackers has rooms to suit all; twin, double and 4 share bunks (with and without ensuites!) rooms, or dormitory accommodation with a maximum of 6 people per room. Locally owned and operated, with fun loving, friendly staff. Best location – city centre, in the heart of Darwin's tourist precinct, pubs, clubs, restaurants, shops are at your doorstep. Fantastic facilities designed for you!



- Darwin Convention Centre
- Crowne Plaza Darwin
- Vibe Hotel Darwin Waterfront
- Medina Grand Darwin Waterfront
- Holiday Inn Esplanade Darwin
- Mantra Pandanas
- Palm City Resort
- Melaleuca on Mitchell

All accommodation rates are listed in Australian dollars, include GST and are valid for the Conference only if booked through **OzAccom**. Rates and all information are current at time of printing. Bookings made after 26 May 2011 may be subject to further terms and conditions. Rates are based on a per room per night basis and do not include breakfast.

OzWings is also offering best possible airfares for delegates within Australia travelling to Darwin.

OziTours has put forward some suggestions for tours in and around Darwin or are happy to discuss with you any alternatives.

To book your accommodation, airfares and tours plus take advantage of the special rates please click this link.

Please do not send your booking form to Speech Pathology Australia.

General Information

Briefing

Briefing (for ALL presenters, chairpersons and student volunteers) 5.30pm to 6.00pm Sunday 26 June 2011.

Pre-registration/Drink

On Sunday the registration desk will be open between 5.00pm - 6.30pm. Enjoy a drink while looking around the exhibition.

The Registration Desk

If you are not attending on the Sunday evening, the registration desk will open at 8.00am Monday-Wednesday.

Welcome Reception

sponsored by
Northern Territory Government



To highlight one of Darwin's attractions, following pre-registration delegates will make their way to **Crocosaurius Cove** that allows visitors a unique, up close and personal view of massive saltwater crocodiles, crocodile hatchlings, juveniles and the world's largest display of Australian reptiles.

Enjoy drinks and nibbles while viewing the underwater world within the 200,000 litre freshwater aquarium and witness 'meter long' Barramundi being fed by divers along with 15 other specials of fresh water fish and turtles.

You will also watch our two 'quiz winners' swim with the crocs in the 'Cage of Death'.

Exhibition

A dedicated exhibition area has been included for the duration of the Conference within the Darwin Convention Centre, for companies and organisations to display their products and resources. Delegates are asked to show their support by visiting each display during the Conference.

Catering

Pre-Registration Drink Sunday, morning tea, lunch and afternoon tea each day, will be served in the exhibition area.

Airport Transfers

Darwin Airport Shuttle provides efficient, cost effective, airport transfers for all flights 24 hours to all city accommodation. Transfers can be pre-booked online or arranged at the ticket desk on arrival. Look out for the Speech Pathology Australia National Conference logo on arrival and a member of the shuttle staff will direct you to the correct bus. At this time transfers are \$14.00 one way or \$26.00 return with group discounts for 3 or more people.

[Click here to make your booking.](#)

Car Parking

There is plenty of public car parking surrounding the Darwin Convention Centre.

Special Assistance

If you have a dietary requirement or require special assistance, please include this information when registering online for the Conference. (*Refer to Page 26 for the Association's Privacy Statement*).

Weather

It is the dry season in Darwin with the temperature ranging from 21c to 32c.

Dress code

Welcome Reception: smart casual

Sessions: casual

Guild Conference Dinner:

evening/cocktail/A touch of the tropics



Speech Pathology Australia National Conference

Speech Pathology Association of Australia Limited
2nd Floor, 11-19 Bank Place
Melbourne Vic 3000
Telephone: (03) 9642 4899
Facsimile: (03) 9642 4922
Email: conference@speechpathologyaustralia.org.au

ABN: 17 008 393 440

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- Colour Hi-Speed Video System (CHSV)
- Videokymography (VKG)
- Distal Chip Video Endoscopes

VOICE, SPEECH ASSESSMENT AND THERAPY

- Visi-Pitch IV
- Computerised Speech Lab (CSL)
- Nasometer
- Ambulatory Phonation Monitor (APM)
- Phonatory Aerodynamic System (PAS)

SWALLOWING ANALYSIS

- Digital Swallowing Workstations (DSW)
- Swallowing Signals Lab for Bio Feedback

