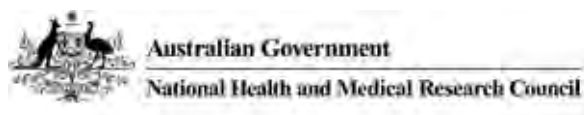


NHMRC Centre of Research Excellence in

# Aphasia Recovery & Rehabilitation

Annual Report 2021







## Centre of Research Excellence in Aphasia Recovery and Rehabilitation



**Life-changing research into aphasia**  
We are transforming the health and wellbeing  
of people with aphasia and their families.

[www.latrobe.edu.au/aphasiacre](http://www.latrobe.edu.au/aphasiacre)  
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/aphasiacre



## Centre of Research Excellence in Aphasia Recovery and Rehabilitation



*"This research centre will allow us to conduct  
targeted and innovative research that will  
transform aphasia practice in Australia."*

Professor Miranda Rose, La Trobe University

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# Director's Executive Summary



**Professor Miranda Rose,  
Director, Aphasia CRE,  
La Trobe University.**

**Imagine waking one morning to find you can't communicate. You can't express your needs, your feelings or your thoughts but your intelligence remains.**



This is the daily reality for over 140,000 Australians living with aphasia, a language-based communication disability following stroke and other brain injuries. Our research aims to reduce the language impairment through enhanced recovery and rehabilitation strategies, reduce the communication disability through tailored long-term self-management programs, and improve the communicative accessibility of the environments that people with aphasia interact within. Our research ultimately aims to improve quality of life for people with aphasia by reducing the negative impacts of aphasia on communication, mood, identity, relationships, employment, and social participation. It's an ambitious target but one we are all committed to in the Aphasia CRE.

I am so incredibly fortunate and extremely grateful to be leading the highly talented, energetic and committed group of staff, students, affiliates, and research partners and consumers, that constitute the Aphasia CRE. Despite the enormous challenges of the past two years of the COVID-19 pandemic, in 2021 we progressed our world-leading aphasia recovery and rehabilitation research and engaged strongly with the health and research workforce to implement our findings and resources. Although many of us were locked down in our homes and relying entirely on virtual methods of communication and work, we produced outstanding levels of research productivity, grant income, higher degree completions, research publications, conference presentations and community engagement. Of course, much of this was made more challenging, and for many less enjoyable than the face-to-face work and engagement we are used to. Many of our members had the additional challenges of home schooling their children, managing limited home office spaces, long periods of no or limited interaction with family and friends, or direct threats to their livelihoods or health. Our achievements are therefore even more noteworthy.

Finding ways to reduce the disability associated with aphasia and to improve the quality of life for people living with aphasia motivates all that we do in the Aphasia CRE. As we move into the second half of our NHMRC funding period, we look forward to completing our current projects so that we can deliver a range of new knowledge, practice guidelines, and clinic ready implementation resources. This will enable us to support the development of more effective aphasia recovery and rehabilitation services.

Thank you to our staff, partners, students, and affiliates for all you do and have achieved. Thank you to our community of practice members who engage with us to help direct our research foci and to implement our research findings. Finally, thank you for taking the time to read this annual report.

Sincerely

Professor Miranda Rose





## Governance Update

Centre of Research Excellence in Aphasia Recovery and Rehabilitation

Management  
Committee

Executive  
Committee

Research Partners  
Advisory Group

### Management Committee 2021

The Aphasia CRE is managed by a Management Committee comprising the 20 Chief and Associate Investigators and our Postdoctoral Research Fellows. It is chaired by the Centre Director.

#### Membership –

- **Chief Investigators** - Professor Miranda Rose (Chairperson & Centre Director), Professor David Copland, Professor Leanne Togher, Professor Ian Kneebone, Professor Julie Bernhardt, Professor Richard Lindley, Professor Leeanne Carey, Professor Leonid Churilov, Associate Professor Erin Godecke
- **Associate Investigators** - Professor Emeritus Linda Worrall, Professor Sandy Middleton, Professor Lyndsey Nickels, Professor Dominique Cadilhac, Professor Julius Fridriksson, Associate Professor Emma Power, Dr Cathy Price, Dr Robyn O'Halloran, Dr Natasha Lannin, Kelvin Hill
- **Post Doctoral Research Fellows** - Dr Sonia Brownsett, Dr Michelle Attard, Dr Marcella Carragher, Dr Caroline Baker, Dr Emily Brogan, Dr Brooke Ryan, Dr Ciara Shiggins
- **Centre Manager** - Kelly Maskell (Secretariat)



## Executive Committee 2021

The Executive Committee comprises the four Research Program leads, the Centre Director, the Aphasia Hub Lead, a senior postdoctoral research fellow and the Centre Manager. The Executive Committee monitors and executes the Centre strategic operations and reports to the Management Committee.

**Members** – (Pictured L-R) Professor Miranda Rose (Chairperson), Professor David Copland, Professor Leanne Togher, Professor Ian Kneebone, Associate Professor Erin Godecke, Dr Robyn O'Halloran, Dr Sonia Brownsett & Kelly Maskell (Secretariat)



## Research Partners Advisory Group 2021

The Research Partners Advisory Group provides advice about the involvement of people with aphasia and their supporters, research strategy, and operations. It comprises individuals living with aphasia and family members, the Centre Director, and the Aphasia Inclusion Hub postdoctoral research fellow.

- **Research Partner Members** – Konrad Ermert, Mimi Ermert, Stephanie Ho, Robert Nicholls, Archana Sinh, Gopal Sinh, Tim Adam, Julie Adam, Kim Beesley and Emma Beesley.
- **Aphasia CRE Members** – Professor Miranda Rose (Chairperson & Director), Dr Ciara Shiggins (Postdoctoral Research Fellow) and Kelly Maskell (Secretariat)



Konrad Ermert

Mimi Ermert

Stephanie Ho

Robert Nicholls

Archana & Gopal Sinh



Tim Adam



Julie Adam



Kim and Emma Beesley



Dr Ciara Shiggins



Prof. Miranda Rose







# Program 1: Neurobiological and Psychosocial Predictors of Recovery



**Professor David Copland,**  
University of Queensland

**“In the last year we've made great progress from using imaging techniques to predict recovery and refining how we measure improvements through to understanding how clinicians and people with aphasia experience the delivery of prognoses.”**



**Program Lead** - Professor David Copland

**Postdoctoral Fellow** – Dr Sonia Brownsett

**Investigators** - Professor LeeAnne Carey, Professor Dominique Cadilhac, Professor Leonid Churliov, Professor Julius Fridriksson, Professor Cathy Price, Professor Lyndsey Nickels, Associate Professor Erin Godecke, Dr Robyn O'Halloran

**Affiliates** - Professor Katie MacMahon, Associate Professor Anne Whitworth, Dr Sarah Wallace, Dr Kristine Shrubsole.

**Students** - Kim Garden, Veronika Vadinova, Aoife Reardon, Jennifer Lee, Bonnie Cheng, Sally Zingelman

## Program 1 Overview

The Queensland arm of Program 1 has now been in the new Surgical Treatment and Rehabilitation Service for 12 months. Significant progress has been made across the program including processing and analysing imaging data, progressing imaging work in other populations with aphasia, recruiting a PhD student for the minimum dataset project, and publishing work on prognostication. Other highlights include:

- Dr Sonia Brownsett was awarded the University of Queensland School of Health and Rehabilitation Sciences Research Mentorship Award
- Dr Sarah Wallace was awarded the University of Queensland School of Health and Rehabilitation Sciences Research Translation Award



- PhD students Kim Garden and Veronika Vadinova both presented their work at the Society for the Neurobiology of Language Conference
- Dr Sonia Brownsett was invited to speak at the Stroke Society of Australasia Symposium, presenting "Closing the loop: Using Phase IIb trial data to guide a multidimensional Phase I trial design"
- Dr Jade Dignam was invited to speak at the Society for the Neurobiology of Language symposium on predicting recovery in aphasia, discussing potential behavioural markers of treatment response.
- Professor Dave Copland was interviewed for a podcast: Neuroplasticity and Aphasia Recovery
- Dr Sarah Wallace and Prof David Copland were invited to present at a Stroke Society of Australasia session on consumer involvement in stroke research.
- Aoife Reardon completed her PhD candidature confirmation.

## Program 1 Beacon Projects

### To determine the influence of structural damage and structural and functional connectivity on language outcome using a patient classification method:

Analyses of brain imaging data sets are underway with PhD candidates looking at a range of structural (Vadinova V, Garden K), and functional (Garden K) predictors in stroke and aphasia. In addition, the structural and functional predictors of Aphasia after brain tumour removal are being investigated (Brownsett S, Copland D) in collaboration with colleagues at QUT. Work has also commenced in collecting data that will allow us to look at the predictors of aphasia in epilepsy.

**Testing individual probabilistic recovery curves from Predicting Language Outcome and Recovery after Stroke (PLORAS) recovery predictions, and their modulation in response to therapy:** Work continues, despite COVID-19 challenges to collate data for this project.

### Cross validate predictors from aphasia to other allied health rehab studies:

A collaboration between University of Queensland (Brownsett S, Copland D), University of Helsinki (Shivonen A) and The Florey Institute (Carey L, Walsh A) has been exploring structural predictors of cognition which may be relevant to aphasia recovery.

**Prognostication in post-stroke aphasia:** Numerous presentations at conferences have highlighted the work that has been completed in this project. This work has also been highlighted on ABC radio and PhD student Bonnie Cheng has successfully defended her thesis on Prognostication in post-stroke aphasia.

**Developing a national minimum dataset:** We are delighted to welcome PhD student Sally Zingelman who joins us to contribute to this project, in addition to on-going international collaborations through the Collaboration of Aphasia trialists.





## Program 2: Treatment Effectiveness Across the Continuum of Care



A/Prof Erin Godecke,  
Edith Cowan University

**“This program addresses clinical pathways for acute post-stroke management, communication enhanced hospital environments and optimum therapy regimes to produce the best outcomes in aphasia.”**



**Program Lead** – Associate Professor Erin Godecke & Professor Miranda Rose

**Investigators** – Professor David Copland, Professor Leanne Togher, Professor Dominique Cadilhac, Professor Emeritus Linda Worrall, Associate Professor Emma Power, Professor Leonid Churilov, Professor Julie Bernhardt, Professor Natasha Lannin, Professor Lyndsey Nickels, Dr Robyn O'Halloran, Dr Sarah Wallace, Dr Kirstine Shrubsole, Dr Emily Brogan, Dr Caroline Baker, Dr Marcella Carragher, Dr Annie Hill, Dr Sarah Wallace, Dr John Pierce

**Affiliates** – Professor Mike Dickey, Dr Jade Dignam, Dr Kate Hayward, Professor Deborah Hersh, Associate Professor Anne Whitworth, Dr Lucy Lanyon

**Co-Supervisors** – Dr Ali Lakhani, Dr Samantha Siyambalapitiya, Professor Natalie Ciccone

**Students** - Edwina Lamborn, Chelsea Larkman, Kathleen Mellahn, Sam Harvey, Kristina Bradley, Siobhan Kavanagh, Sarah D'Souza, Maya Menahemi Falkov, Tran Huu Duc (Vietnam), Dr Ngân Thanh (Vietnam), Dr Cathy Taylor-Rubin, Bruna Tessaro

### Program 2 Overview

This year Program 2 has focused efforts in three key areas –

1. improving the aphasia rehabilitation pathway.
2. enhancing communication enriched environments.
3. investigating dose in aphasia recovery.

Key developments are:

- John Pierce submitted his PhD thesis investigating a Comparison of Lower Intensity Constraint-Induced and Multimodal Therapies in

Chronic Aphasia and was awarded his doctoral degree.

- A large team led by Professor Miranda Rose and Dr John Pierce is reviewing the evidence underpinning the Australian Aphasia Rehabilitation Pathway. This project draws on a wide range of systematic and scoping reviews undertaken in the CRE, and other evidence. Consumer views of best practice will be included from projects led by Dr Sarah Wallace and Dr Kirstine Shrubsole.



- Sarah D'Souza submitted her PhD thesis investigating implementing a communication enriched environment in an inpatient setting and was awarded her doctoral degree.
- A second virtual 'Dose Fest' was conducted in June that brought together leaders in measuring dose in stroke rehabilitation. Two publications from 'Dose Fest' concerning improved frameworks for dose conceptualisation in aphasia and establishing a dose research pipeline are near submission.
- Sam Harvey and Siobhan Kavanagh continue work in their dose related PhDs. Siobhan has passed her confirmation of candidature and Sam Harvey is analysing results of his studies examining personalised dose of naming treatment.
- Maya Menahemi-Falkov (PhD student) led a highly successful project examining individual dose response rates following intensive aphasia interventions and outlining a new method for clinical evaluation of treatment success. This project included a new collaboration with Prof Caterina Breitenstein, Germany.
- PhD students Chelsea Larkman and Kathleen Mellahn continue their work examining impacts of cultural and linguistic diversity on aphasia rehabilitation and outcomes. Both had scoping reviews published in 2021.
- Successful funding for an NHMRC grant with the University of Melbourne for integrated Upper limb & Language Impairment and Functional Training (UPLIFT) after stroke – Principal Investigator Kate Hayward.
- The NHMRC funded trial of constraint induced aphasia therapy, multi-modality aphasia therapy and usual care in people with chronic aphasia (COMPARE) was completed in July 2020 with all 216 participants as planned. The dose was 30 hours provided within 2 weeks with a substudy examining a distributed dose over 5 weeks. The results were released this year and the main results manuscript is currently under review.
- Dr Caroline Baker led a large team of Aphasia CRE students and investigators on a Management of communication disability in the first 90 days after stroke: A scoping review published in Disability and Rehabilitation.

## Program 2 Beacon Projects

**Aphasia Rehabilitation Pathway:** Aim: Provide and implement an up-to-date evidence based clinical pathway for aphasia across the continuum of care. Key update: evidence reviews underway; consumer views being sought.

**Communication enriched environments:** Aim: Evaluate feasibility, effectiveness and sustainability of a communication enhanced environmental (CEE) implementation package. Key update: PhD candidate Sarah D'Souza completed her doctoral degree and four manuscripts have been published.

**Dose:** Aim: To develop evidence that enables personalized aphasia assessment management concerning dose and intensity of therapy. Key update: We have collaborated with a world leading multidisciplinary team on two publications concerning dose and several dose-related studies have been completed or are near completion. Results of completed studies have been presented at conferences and seminars in over 15 countries.



Dr Sarah D'Souza & Dr Emily Brogan presented at the Stroke Society Australasia (SSA) Conference in Perth, October 2021



## Program 3: Technology for Healthcare Communication and Rehabilitation



Professor Leanne Togher,  
The University of Sydney

“Technology offers people with aphasia and their families exciting new ways to access treatment, education, support and life participation.”



**Program Lead** - Professor Leanne Togher

**Investigators** - Associate Professor Emma Power, Professor David Copland, Professor Miranda Rose, Dr Annie Hill, Dr Marcella Carragher, Dr Michelle Attard

**Associates** - Dr Caroline Baker, Dr Melissa Brunner, Dr Elise Elbourn, Dr Rachael Rietdijk, Dr Jade Dignam, Dr Clare Burns, Dr Nicholas Behn, Dr Jessica Campbell, Dr John Pierce, Dr Atiyeh Vaezipour

**Students** - Sophie Brassel, Petra Avramovic, Kristen Bradley, Zali Hall, Melissa Miao, Lynn Grayson, Edwina Lamborn, Genevieve Vuong, Leana Nichol, Pauline Cuperus, Rajath Shenoy

### Program 3 Overview

**The Technology for Healthcare Communication Program made progress on various beacon projects despite the continued impacts of COVID-19.**

**TeleCHAT:** The aim of this program is to deliver a comprehensive high-dose aphasia therapy via telerehabilitation. Dr Annie Hill and PhD student Genevieve Vuong have translated the existing in-person version of this intensive intervention for delivery into the home via telerehabilitation. The training package has been trialled and is being finalised. Cohort 1 & 2 were completed in 2021 and Cohort 3 will commence in early 2022.

**Online communication partner training for student healthcare professionals:** The aims of this program are to test the impact of an online training package on student outcomes and to conduct a systematic review of communication partner training for student healthcare professionals. Dr Michelle Attard completed data collection with over 300 multidisciplinary students receiving the training package (module + workshop). Results from this study, along with findings from the systematic review, are planned for journal submission in 2022.



**Speech Pathology Australia Telepractice Policy**

**Project:** The aim is to develop a telepractice principles of practice guideline and a telepractice portal for speech pathologists. The Speech Pathology Australia position statement on telepractice will also be updated. Dr Annie Hill and Dr Clare Burns led a national working party on this project. Annie and Clare submitted the final draft of the telepractice position statement to Speech Pathology Australia in October 2021. The telepractice portal, which will include an aphasia case study, has been evaluated from early 2021 and final policy documents will be available in 2022. This project is co-led by Prof Leanne Togher and A/Prof Emma Power.

**Technology solutions for aphasia - Collaboration of Aphasia Trialists Working Group 4 Project:**

Prof Miranda Rose, Dr Sarah Wallace and Dr Annie Hill are leading two projects. The first is an international survey of technology use in aphasia rehabilitation and the other is a think tank to explore "Future technology innovation in aphasia management". The think tank seeks to bring together leaders in aphasia, artificial intelligence, speech recognition, big data to brainstorm how technology can be applied in innovative ways to manage aphasia.

**Cued Naming using eSALT:** The aim is to investigate the feasibility of using an asynchronous telerehabilitation platform to delivery cued naming therapy to inpatients. Dr Annie Hill is collaborating with Dr Angela Cream and Dr Deb West in Western Australia. Software has been deployed and data collection is under way. Preliminary results should be available in early 2022.

**Safe Healthcare for People with Communication Disabilities:**

Prof Leanne Togher is co-leading a new

project with Prof Sue McAllister and Prof Sarah Dennis (University of Sydney) funded by the National Disability Insurance Scheme which will develop, pilot and evaluate a model for capacity building for future and current health care workers and healthcare environments to meet the needs of people with communication disability. It will be conducted with South-West Sydney LHD and Western NSW LHD. The project will incorporate the use of technology and digital health in a range of healthcare contexts, and due to COVID19 delays it will now commence in early 2022.

**M-MAT-tele:** This project is led by Dr John Pierce with Prof Miranda Rose, Dr Annie Hill, A/Prof Dana Wong and Dr Rachelle Pitt. M-MAT-tele is funded by La Trobe University and will enable the Multi-Modality Aphasia Treatment program to be adapted for telehealth using co-design with people with aphasia and speech pathologists. M-MAT-tele will commence in 2022, designing and piloting the adapted treatment for aphasia.

**Social Brain Toolkit:** Led by Prof Togher with Dr Rietdijk as Project Manager, this icare funded project is developing a suite of online tools to enable self-directed communication partner training (interact-ABI-lity), clinician led web-based training (convers-ABI-lity) and social media training (social-ABI-lity).

We welcome Dr John Pierce to Program 3. He is Project Manager for the 5-year **NHMRC funded Communication Connect** study which involves co-designing solutions to facilitate outcomes for people with communication disability during the post-hospital discharge period of recovery. Recruitment as commenced at Bendigo Health, and further sites will follow in 2022.



Team members – Prof Leanne Togher, A/Prof Emma Power, Dr Annie Hill, Dr Marcella Carragher, Dr Michelle Attard and Dr John Pierce.



## Program 4: Optimising Mental Health and Wellbeing in Aphasia



Professor Ian Kneebone,  
University of Technology  
Sydney

“While the pandemic has proved to be a challenge to recruitment and personally for many in 2021 the tenacity of the team in retaining their focus on our goals has been incredibly impressive.”



**Program Lead** - Professor Ian Kneebone

**Investigators** - Professor Miranda Rose, Professor Leanne Togher, Dr Caroline Baker, Dr Michelle Attard, Dr Ciara Shiggins, Dr Brooke Ryan

**Affiliates** - Associate Professor Rene Stowlyk, Dr Dana Wong, Dr Lucie Lanyon, Professor Sabine Corsten (Germany), Professor Katerina Hilari (UK), Dr Sarah Northcott (UK), Dr Shirley Thomas (UK), Dr Catherine Ford (UK), Dr. Fergus Gracey (UK)

**Students** - Kathryn Pettigrove, Rebecca El-Helou, Priscilla Tjokrowijoto, Jas Sekhon, Leanne Ruggero, Sayampurna 'Tulip' Ray, Hope Schlesinger (UK), Almut Plath (Germany), Leona Walters (UK)

### Program 4 Aims & Progress

The overall aim of Program 4 is to optimise the mental health and psychological well-being of people with aphasia and their families. The program aims to address this by understanding the process of adjustment and developing, evaluating, and promoting effective interventions and supports.

A selection of Program 4 highlights includes:

- Dr Caroline Baker was awarded a \$50,000 Seed Grant in the 2021 Stroke Foundation Research Grants round to trial telerehabilitation to improve the mental health and wellbeing of people with aphasia.



Dr Caroline Baker, recipient of a Stroke Foundation Research Grant 2021





- Professor Ian Kneebone. was awarded the Australian Psychological Society, Rehabilitation Psychology of Injury, Chronic Illness and Pain Interest Group (Rehabilitation Psychology) Professional Practice Award for 2021. The award acknowledges an outstanding contribution to rehabilitation psychology in Australia.
- Dr Brooke Ryan attracted a worldwide audience for an Invited masterclass webinar for the Aphasia Institute of Toronto.
- Dr Brooke Ryan and Dr Caroline Baker contributed to an exciting initiative "Supporting Emotions with Aphasia" as part of a project supported by funding from the National Health & Social Care Professionals Office of the Health Service Executive following a submission from Irish Association of Speech & Language Therapists (IASLT) and Association of Occupational Therapists Ireland (AOTI). The project includes webinars and discipline-specific training (e.g., strategies on how to facilitate emotional conversations with people with aphasia), with the aim of developing an inclusive and interdisciplinary community of practice.
- University of Queensland speech pathology student Ella Jones, co-supervised by Dr Caroline Baker, Dr Sarah Wallace and Dr Brooke Ryan, successfully completed her honours research project entitled "Clinical competencies to facilitate psychological interventions for people with aphasia."
- Hope Schlesinger completed her clinical psychology doctorate at UEA.
- University of Technology Sydney Master of Clinical Psychology Student Sayampurna Ray supervised by Professor Ian Kneebone and Dr Brooke Ryan successfully completed a project titled "Communicative accessibility and acceptability of a digital behavioural activation intervention for those with stroke aphasia" in partnership with Black Dog Institute.
- After massive contributions to the Aphasia CRE –
  - Dr Brooke Ryan will take up a position at Curtin University in 2022 and
  - Dr Caroline Baker is moving onto the Research & Clinical Practice Lead for Speech Pathology at Monash Health in 2022.
 Thank you so much Brooke and Caroline!



Photo: Dr Brooke Ryan presenting for the Aphasia Institute

## Program 4 Beacon Projects

### In 2022 the team will continue their beacon projects:

- ADAPT (Aphasia, Depression And Psychological Treatment). ADAPT will continue to provide access to a treatment programme for post-stroke depression, at no financial cost. The ADAPT single-case design project has successfully recruited 8 participants to date.
- PRISM (PRevention Intervention and Support in Mental health) which will address the need for research into management of emotional problems in people with aphasia. PRISM aims to implement preventative mental health care into health services. The PRISM project will provide training to health professionals to provide psychological care for people with aphasia.
- We have completed the data collection phase of the Hub-and-spoke Peer-led Community Aphasia Group project. Two groups of people with aphasia and their significant others (n=13), facilitated by trained peers with aphasia and non-aphasic peers, undertook a 12-week group program. The facilitators were supported by a virtual hub of multidisciplinary professionals including speech pathology, psychology, music therapy and art therapy. Data analysis is underway, and we will present the results of the trial at the ASSBI conference in Perth, May 2022. Hub and Spoke Training pilot of peer supporters is pictured on page 19.



# Aphasia Inclusion Hub



Dr Robyn O'Halloran  
La Trobe University

**"Creating sustainable, accessible and inclusive healthcare systems for people with aphasia."**



**Program Lead** – Dr Robyn O'Halloran

**Investigators** – Professor Richard Lindley, Professor Julie Bernhardt, Associate Professor Emma Power, Professor Sandy Middleton, Professor Miranda Rose

**Associates** – Dr Marcella Carragher, Dr Ciara Shiggins, Dr Gordon McGurk, Dr Brooke Ryan

**Students** – Edwina Lamborn, Amanda Elston, Claire Bennington

**Volunteer** – Farhana Dewan

## Aphasia Inclusion Hub Aims & Progress

**The Aphasia Inclusion Hub continues to build the research evidence to create sustainable, accessible and inclusive healthcare systems for people with aphasia.**

We have continued to make progress on a range of initiatives that address our overarching goal, with a particular focus on the inclusion of people with aphasia in stroke research across topics and the continuum of care.

**The inclusion of people with aphasia in research trials:** Without adequate support and resources, stroke researchers face barriers to including people with aphasia in stroke research trials.

- *Why is the inclusion of people with aphasia in research important?* Dr Ciara Shiggins led a team of researchers in writing a position paper on the issues related to the exclusion of people with aphasia from stroke research and strategies to support inclusion. This manuscript has been submitted for publication and is currently under review. Dr Shiggins presented the key messages of this paper to people with aphasia and their families at the Australian Aphasia Association conference, June 2021, and to clinicians and researchers at the British Aphasiology Society Conference in September 2021.



- *What's the evidence for the exclusion of people with aphasia in stroke research trials?* Dr Shiggins led a systematic review of the literature to determine if people with aphasia have been included in stroke randomised controlled trials. To provide a snapshot of the current state of inclusion, stroke RCTs published in 2019, were reviewed to identify if people with aphasia were included in stroke research, and if so, how their inclusion was supported. In 2019, two hundred and twenty completed RCTs and 56 RCT protocols were reviewed and analysed. The findings of this systematic review provide critical insights into current research practices and the need for resources and supports to enable stroke researchers to include people with aphasia in research. The team completed analysis of the data and have submitted a manuscript for publication.
- *What resources do stroke researchers need?* To better understand the barriers and facilitators to including people with aphasia in stroke research, the team has interviewed 20 stroke researchers across a range of disciplines. Interview data is currently being analysed and will provide the evidence to develop specific, tailored resources and supports.

The findings from the systematic review and the qualitative interview study will be presented at the International Aphasia Rehabilitation Conference in Philadelphia in June 2022.

#### **Developing inclusive and collaborative research with people with lived experience of stroke:**

Dr Ciara Shiggins is working as a post-doctoral fellow on a project led by Professor Julie Bernhardt and supported by the Stroke CRE and the Stroke Foundation. The aim of this project is to support stroke survivors, including people with aphasia, and stroke researchers to work together in genuine research partnerships. The Stroke CRE team led an inclusion and diversity day, on February 25th, 2020, which included stroke survivors, family members, clinicians, and researchers. The issues identified on this day informed the development of online training modules for stroke survivors and researchers on how

best to work together. These training modules are in the final stages of development and will be freely available on the Stroke Foundation website in the coming months. The team, including stroke survivors, ran a workshop on this topic at the Stroke Society of Australasia conference, in October 2021.

Dr Shiggins is guest co-editor for a Special Issue of *Aphasiology* on the topic of Patient and Public Involvement (PPI), with Chris Coath (person with lived experience), Dr. Ruth Mc Menamin and Associate Professor Jytte Isaksen. These papers will help to develop the research evidence base for PPI in the area of stroke and aphasia.

**Developing inclusive and collaborative research in healthcare systems:** Despite the challenges of COVID 19, we have continued to work with our healthcare partners to create more inclusive healthcare systems. Dr O'Halloran and Dr Carragher are working with speech pathology researchers Dr Renee Clapham, Kathryn McKinley and Marissa Stone, and Dr Phil Candy and Mary-Anne Candy who have lived experience of aphasia on a funded research project to understand speech pathology practices that support people with aphasia to communicate in the hospital setting. We will present this research at the Speech Pathology Australia National Conference in 2022. Dr O'Halloran is also working with Dr Abby Foster, Dr Caroline Baker and clinical researcher Roz Shand at Monash Health on a funded research study to identify the systemic barriers to healthcare communication for people with communication disability, including people with aphasia. The findings of this research will be presented at the Speech Pathology Australia National Conference in 2022. Finally, Dr O'Halloran is the Aphasia CRE representative on the Alfred Health SPEAK project, a five-year project working with people with lived experience of communication disability in the co-design of accessible healthcare services.









Dr Shiggins completed her Post-Doctoral Fellowship in the CRE in December 2021 to take up a Post-Doctoral Fellowship at the Queensland Aphasia Research Centre (QARC). She will continue her close collaboration with the Aphasia Inclusion Hub through her ongoing affiliate position.

|     |               |   |
|-----|---------------|---|
| KEY | Completed     | ✓ |
|     | In Progress   | → |
|     | To be started | ● |
|     | Suspended     | ⬮ |

# Aphasia CRE Beacon Projects Summary

| 1.1 NEUROBIOLOGICAL PREDICTORS OF APHASIA RECOVERY AND TREATMENT RESPONSE  |   |   |
|--|---|---|
| <b>Brain frailty and aphasia</b>   | <ul style="list-style-type: none"> <li>Systematic review submitted for publication</li> <li>Processing of behavioural, clinical and imaging data complete.</li> </ul>   | → |
| <b>Testing individual probabilistic recovery curves from PLORAS recovery predictions, and their modulation in response to therapy</b>                    | <ul style="list-style-type: none"> <li>Continuing to combine national datasets despite significant COVID-19 barriers</li> <li>Processing of local behavioural and imaging data complete.</li> </ul>   | → |
| <b>Determine the influence of structural damage and structural and functional connectivity on language outcome using a patient classification method</b> | <ul style="list-style-type: none"> <li>Processing of behavioural, clinical and imaging data complete.</li> <li>Analysis of structural and functional data taking place.</li> <li>Predictor manuscripts in preparation include; behavioural, lesion optimization, small vessel disease, White matter hyperintensities and perfusion of the penumbra as a predictors of recovery.</li> <li>Work continues in stroke, brain tumour and epilepsy</li> </ul> | ● |
| <b>Prospective imaging and social determinants</b>   | <ul style="list-style-type: none"> <li>1 major grant submitted</li> <li>1 MSpPathS student completion</li> <li>1 publication in preparation</li> </ul>  | → |
| <b>Prognostication in aphasia practice</b>   | <ul style="list-style-type: none"> <li>4 publications</li> <li>4 radio interviews</li> <li>2 conference presentations</li> <li>1 PhD completion</li> </ul>  | → |
| <b>Cross validate predictors from aphasia to other allied health rehab studies</b>   | <ul style="list-style-type: none"> <li>Collaboration with Dr Aleksi Shivonen (Finland) returning to his clinical position after his 'remote' postdoctoral period.</li> </ul>  | → |
| 1.2 ESTABLISHING A NATIONAL MINIMUM DATASET ON APHASIA OUTCOMES  |   |   |
| <b>Development of minimum dataset</b>  | <ul style="list-style-type: none"> <li>1 NHMRC fellowship</li> <li>2 publications</li> <li>1 BSpPath Honours research student completion</li> <li>2 MSALT (Vietnam) research student completions</li> <li>5 publications in preparation</li> <li>1 conference presentation</li> </ul>   | → |
| <b>Implementation of minimum dataset</b>   | <ul style="list-style-type: none"> <li>PhD student commenced</li> <li>1 major grant submitted</li> </ul>  | → |
| <b>Minimal important change and economic evaluation in aphasia</b>   | <ul style="list-style-type: none"> <li>PhD student commenced</li> <li>1 major grant submitted</li> </ul>  | → |
| 2.1 CLINICAL PATHWAY   |   |   |
| <b>Provide and implement an up-to-date evidence based clinical pathway for aphasia across the continuum of care.</b>                                     | <ul style="list-style-type: none"> <li>Scoping review (Management of aphasia in first 90 days) in final draft</li> <li>Updating evidence in the Australian Aphasia Rehabilitation Pathway (AARP)</li> <li>Clinical ready implementation resources for pathway: Linking to Collaboration of Aphasia Trialists (CATs) Aphasia Therapy Finder project.</li> </ul>  | → |
| 2.2 COMMUNICATION ENRICHED ENVIRONMENTS  |   |   |
| <b>Evaluate feasibility, effectiveness and sustainability of a communication enhanced environmental (CEE) implementation package.</b>                    | <b>Sarah D'Souza finishing her PhD in the area. Consultation phase for a larger grant.</b>  | → |



|  |   |   |
|--|---|---|
| <b>2.3 DOSE</b>  |   |   |
| <b>To develop evidence that enables personalized aphasia assessment management concerning dose and intensity of therapy.</b>   | <ul style="list-style-type: none"> <li>Aphasia dose terminology and research pipeline publications in draft, expected publication in 2021</li> <li>Treatment studies for dose and intensity: COMPARE trial results released May 2021; personalised naming dose study underway</li> <li>Several systematic reviews published in 2020.</li> </ul> |    |
| <b>3.1 TELECHAT</b>  |   |   |
| <b>To deliver a comprehensive high-dose aphasia therapy via telerehabilitation.</b>  | <ul style="list-style-type: none"> <li>Publications relating to review of evidence for aphasia telerehabilitation, and task analysis for translation of aphasia rehabilitation for telerehabilitation delivery. Two publications in preparation and expected to be published in 2022.</li> </ul>  |    |
| <b>3.2 ONLINE COMMUNICATION PARTNER TRAINING</b>   |   |   |
| <b>To test the impact of an online training package on student outcomes and to conduct a systematic review of communication partner training for student healthcare professionals.</b> | <ul style="list-style-type: none"> <li>Two publications are in progress, one relating to the trial of an online communication partner training program for student health professionals nearing submission, and the other is a systematic review of communication partner training for student health professionals.</li> </ul>                 |    |
| <b>3.3 HEALTHCARE COMMUNICATION APP</b>  |   |   |
| <b>To develop and test a mobile application for enhancing healthcare communication for people with Aphasia.</b>  | <ul style="list-style-type: none"> <li>Trialled at Bendigo Health in 2021</li> <li>Eastern Health study will be trialled in 2022</li> </ul>   |  |
| <b>4.1 ADAPT: CBT FOR PEOPLE WITH APHASIA</b>  |   |   |
| <b>Evaluate the feasibility and acceptability of using cognitive behaviour therapy (CBT) as a treatment for depression in people with aphasia.</b>                                     | <ul style="list-style-type: none"> <li>Recruitment underway</li> <li>Expected completion December 2022.</li> </ul>  |  |
| <b>4.2 COMMUNITY APHASIA GROUP HUB AND SPOKE PILOT</b>   |   |   |
| <b>Increase social connectedness, quality of life, and participation of people with aphasia and their close others through peer-led Community Aphasia Groups.</b>                      | <ul style="list-style-type: none"> <li>Pilot studies completed December 2021</li> <li>Results under analysis</li> <li>MRFF grant application for Phase II study under review</li> </ul>   |  |
| <b>4.3 PRISM: STEPPED PSYCHOLOGICAL CARE FOR PEOPLE WITH APHASIA</b>   |   |   |
| <b>Evaluate the feasibility and acceptability of using stepped psychological care with people with aphasia.</b>  | <ul style="list-style-type: none"> <li>Health professional training and recruitment underway</li> <li>Expected completion December 2022.</li> </ul>   |  |
| <b>5.1 APHASIA INCLUSION HUB</b>   |   |   |
| <b>Inclusion of people with aphasia in stroke research trials irrespective of disciplines.</b>   | <ul style="list-style-type: none"> <li>Position paper has been submitted for publication</li> <li>Systematic review manuscript is in final stages of preparation</li> <li>Qualitative interview study data has been analysed and a manuscript is in preparation.</li> </ul>   |  |

Cassie Wilcox from the Aphasia CRE conducts peer facilitation training at the Hub and Spoke Community Aphasia Group (CAG) program.





# Website Impact



The Aphasia CRE website, continues to grow as a source of information for Aphasia Research, the resources page hosts recordings of seminars, podcasts and aphasia healthcare resources. These resources exist in many languages and have been accessed freely by over 14,944 visitors in 2021.

## 2021 Aphasia CRE Website Visitors



The Aphasia CRE is impacting healthcare and research worldwide, visitors from 75 countries visited our website in 2021:

- |                  |                          |               |                         |                        |
|------------------|--------------------------|---------------|-------------------------|------------------------|
| • Australia      | • Egypt                  | • Italy       | • Nigeria               | • Spain                |
| • Algeria        | • Fiji                   | • Japan       | • Norway                | • Sri Lanka            |
| • Argentina      | • Finland                | • Jordan      | • Philippines           | • Sweden               |
| • Austria        | • France                 | • Kazakhstan  | • Poland                | • Switzerland          |
| • Belgium        | • Georgia                | • Kenya       | • Portugal              | • Taiwan region        |
| • Brazil         | • Germany                | • Kuwait      | • Romania               | • Thailand             |
| • Bulgaria       | • Ghana                  | • Latvia      | • Russian Federation    | • Turkey               |
| • Burkina Faso   | • Greece                 | • Macedonia   | • Rwanda                | • Ukraine              |
| • Cambodia       | • Hong Kong SAR of China | • Malaysia    | • Saint Kitts and Nevis | • United Arab Emirates |
| • Canada         | • Hungary                | • Malta       | • Saudi Arabia          | • United Kingdom       |
| • Chile          | • Iceland                | • Mexico      | • Serbia                | • United States        |
| • China          | • India                  | • Morocco     | • Singapore             | • Viet Nam             |
| • Colombia       | • Indonesia              | • Myanmar     | • Slovenia              | • Zambia               |
| • Cyprus         | • Ireland                | • Nepal       | • South Africa          |                        |
| • Czech Republic | • Israel                 | • Netherlands | • South Korea           |                        |
| • Denmark        |                          | • New Zealand |                         |                        |



## Social Media Impact





Aphasia CRE engagement from social media continued to increase throughout 2021 with 2102 Twitter followers (30% increase on 2020) and 542 Facebook followers (a 45% increase on 2020). We would like to thank our postdoctoral fellows and higher degree research (HDR) students who share the role of curating our social media on twitter, sharing our research with colleagues and people with aphasia worldwide.

**Twitter** engagements throughout the year were overwhelmingly dominated by our Aphasia CRE Seminar Series with significant interest in presentations by International as well as our Australian presenters across a wide variety of platforms.

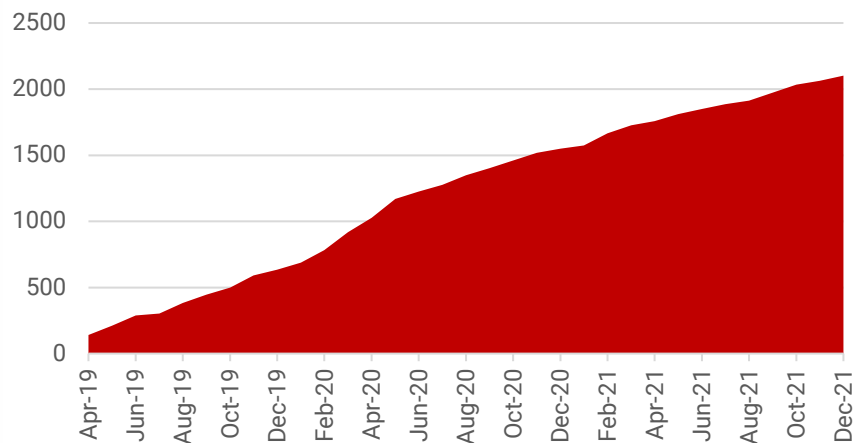
**Top media Tweet** earned 6,470 impressions

🔔 Don't miss tomorrow's [@aphasiacre](#) seminar (Feb 24, 5pm AEDT / 6am GMT) with [@volkmer\\_anna](#), who is presenting on "The three variants of primary progressive aphasia: What are they and what helps?" There is still time to register at the following link: [eventbrite.com.au/e/141070546803](https://eventbrite.com.au/e/141070546803) [pic.twitter.com/0BZAQWEawe](https://pic.twitter.com/0BZAQWEawe)

  
Centre of Research Excellence in  
Aphasia Recovery and Rehabilitation  
Seminar 18

 **"The three variants of primary progressive aphasia: What are they and what helps?"**  
Presentation by –Dr Anna Volkmer

Twitter Followers



**Facebook** was a very effective way to disseminate the call out to people with Aphasia, clinicians, and researchers to help identify the most important best practice recommendations for aphasia care, this was the highest reach for our posts with over 2,200 post views and shares. Followers also reacted strongly when the Melbourne Aphasia CRE Team returned to the centre office in February, though shortlived, this reflected the joy we all felt being able to see other team members face to face rather than via a Zoom meeting.

 **Aphasia CRE**  
3 November 2021

Calling all Australian people with Aphasia, clinicians & researchers who work with people with #aphasia after #stroke.

Help identify the most important best practice recommendations to implement & measure in clinical practice. <https://tinyurl.com/8exzz975>

**Calling all people with aphasia, families and friends in Australia!**

We have identified 23 recommendations for aphasia care that:

- are supported by good research and/or
- are important to people with aphasia and their families

We want to know which recommendations are most important to you.

Tell us here!







# Community of Practice

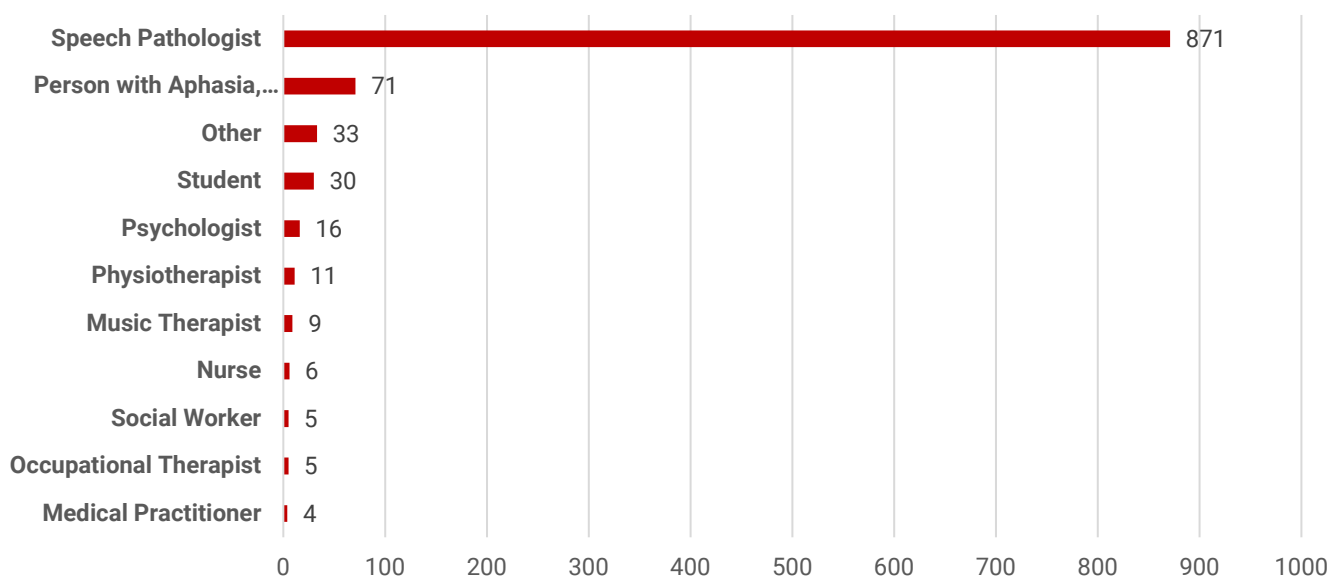


In 2021 our Community of Practice (COP) increased by 26% from 841 to 1058 members that span the globe. They include professionals from many healthcare disciplines and People with Aphasia and their families and friends. COP members receive invitations to Seminars and events, they engage in our social media platforms, participate in our research projects, and help guide our research directions.



## Who are our Community of Practice Members?

### Community of Practice - by Profession



## Where do our Community of Practice members come from?

- Australia
- Austria
- Belgium
- Brazil
- Canada
- Croatia
- Czech Republic
- Denmark
- Dominica
- Finland
- France
- Georgia
- Germany
- Ghana
- Hong Kong (China)
- Hungary
- Iceland
- India
- Indonesia
- Ireland
- Italy
- Japan
- Lebanon
- The Netherlands
- New Zealand
- Norway
- Poland
- Singapore
- Spain
- Sweden
- Switzerland
- Syrian Arab Republic
- United Kingdom
- United States Of America





QARC Team celebrate 12 months in their centre at Queensland University. November 2021

## Queensland Aphasia Research Centre (QARC)

**It is now 12 months since moving into the new STARS Hospital and it is pleasing to see the rapid progress that has been made in this time.**

A few examples illustrate how the centre is advancing towards its overall goal of improving lives for people with aphasia. This includes the early success of CHAT, the new comprehensive aphasia program delivered by Queensland Health therapists at STARS in partnership with QARC and the promising start to the online version TeleCHAT. These programs are demonstrating the value of different models of aphasia treatment in improving quality of life.

Other highlights have been our growing network of clinical affiliates (currently 304 members), our monthly aphasia coffee groups, and the Aphasia Tech Hub which has been providing new and valuable support for clinicians and people with

aphasia in accessing new technologies to treat and manage aphasia.

Recent success of a Medical Research Future Fund application (LifeCHAT, led by Dr Sarah Wallace) illustrates the benefits of partnering with people with aphasia at the beginning of research projects to co-develop and pursue ideas that matter to people with aphasia.

Another successful MRFF application (the UPLIFT trial led by Kate Hayward, Uni Melbourne) highlights a new highly multidisciplinary approach to language and motor impairments and a way to determine the dose of treatment needed.



These [stroke and research images](http://speakeasy-aphasia.org.uk/) are free to use but you **must** include a link to the **Speakeasy website** as attribution – see example attributions on this slide. <http://speakeasy-aphasia.org.uk/>



# New Aphasia CRE Resources

Aphasia CRE Website Resources page - [www.latrobe.edu.au/aphasiacre](http://www.latrobe.edu.au/aphasiacre)

## 1. Collaboration of Aphasia Trialists' (CATs) - How to develop an aphasia-friendly video abstract

The aim of this guide is to help researchers to produce a video abstract for people with aphasia. It contains practical support in terms of technical tips, slide/video templates, software and technology suggestions, reflections on video production and examples of aphasia-friendly video abstracts.

This project was produced by the following researchers from the Centre of Research Excellence in Aphasia Recovery and Rehabilitation (Aphasia CRE), supported by funding from the Tavistock Trust for Aphasia and the Collaboration of Aphasia Trialists. Caroline Baker, Marcella Carragher, Sam Harvey, John Pierce, Miranda Rose, Ciara Shiggins, Sarah Wallace.

Documents within this guide -

- Developing an Aphasia-friendly video abstract - The 'why' and 'how' of creating an abstract.
- Video abstracts – PowerPoint tips - Tips and tricks for things like animations, images, etc., held within a PowerPoint document
- Template for aphasia-friendly video abstracts - A template PowerPoint to get you started
- Pierce et al. abstract - PowerPoint document of a completed video abstract –how it comes together
- Storyboard template

## 2. ASK Therapist & Secondary Prevention Manuals

The objective of this manual is to provide a guide for the structure of the Aphasia ASK (Action Success Knowledge) therapy for patients with aphasia and their families. This manual describes the ways in which Aphasia ASK treatment program should be delivered as part of a clustered randomised control trial. This manual should be referred to in order to enhance treatment fidelity.

Manuals include –

- ASK Therapist Manual
- Secondary Stroke Prevention therapist manual

## 3. Healthcare Communication Support Resources - including COVID-19

A repository developed by the Aphasia CRE led by Dr Ciara Shiggins for healthcare professionals working with people with aphasia providing resources that can be used to support conversations and communication with people with aphasia. Incorporating links to worldwide resources in many languages this is a valuable collection of current resources for all healthcare professionals working with people with aphasia.

All resources are available on the Aphasia CRE Website Resources page - [www.latrobe.edu.au/aphasiacre](http://www.latrobe.edu.au/aphasiacre)





## Funding & Grants 2021

The initial NHMRC grant in 2018 of \$2.5m was a capacity building grant for 5 years to establish the Centre of Research Excellence in Aphasia Recovery and Rehabilitation (Aphasia CRE). As a capacity building grant, it is expected that the team and work of the Aphasia CRE continues to seek out funding and generate income to ensure the ongoing sustainability of the Aphasia CRE. Grants and income help the universities involved to provide working capital for ramping up the business, programs, and projects. It also supplements post-doctoral research fellow and research staff salaries during the establishment period.

Grant income across the Aphasia CRE team has been impressive in this reporting period, with a total of \$12,714,391 awarded.

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**Funding Body:** Medical Research Future Fund (MRFF) 2020 Rapid Applied Research Translation Grants (RARUR000042)

**Project:** Building Australia's First Young Stroke Service.

**\$9,932,108**

2021-2024

**Team:** Bernhardt J, Thijs V, Crotty M, Lannin N, Gra, K, Wong D, Power E, Borschmann K, Hayward KS, Withiel T, Brodtmann A, Bladin C & Murphy L.

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**Funding Body:** Medical Research Futures Fund Cardiovascular Health Mission

**Project:** New models of rehabilitation to improve work and health outcomes after stroke

**\$1,000,000**

2021

**Team:** Lannin NA, Radford K, Crotty M, Farrin A, Holland AE., Wong D, Jolliffe L, Cloud G, Godecke E, D'Souza S, O'Keefe S, Ponsford J, Cox N, Adey-Wakeling Z, Palit M, Faux S, Unsworth C & Cadilhac D.

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|                      |   |                  |           |
|----------------------|---|------------------|-----------|
| <b>Funding Body:</b> | <b>NHMRC-Medical Research Future Fund (MRFF) - Cardiovascular Health Mission - 2020 Cardiovascular Health Grant Opportunity.</b>                  |                  |           |
| <b>Project:</b>      | REACHING FOR YOUR WORDS: A Phase IIa umbrella trial of integrated UPper limb & Language Impairment and Functional Training (UPLIFT) after stroke. | <b>\$993,000</b> | 2021-2023 |
| <b>Team:</b>         | Hayward KS, Churilov L, Godecke E, Russell T, Bernhardt J, Barker RN, Thijs V, Campbell BCV, Brownsett S, Donnan G.                               |                  |           |
| <b>Funding Body:</b> | <b>NHMRC Medical Research Future Fund (MRFF) - Cardiovascular Health Mission - 2020 Cardiovascular Health Grant Opportunity.</b>                  |                  |           |
| <b>Project:</b>      | Measuring, Monitoring, and Motivating Adherence to Self-Managed Aphasia Treatment (MRF2007460).   | <b>\$388,521</b> | 2021      |
| <b>Team:</b>         | Wallace, SJ, Copland D, Wiles J, Angwin A, Palmer V, Worthy P, Hill A, Timmer B, Gullo M, Campbell J.   |                  |           |
| <b>Funding Body:</b> | <b>Stroke Foundation Lady Marigold Southey Aphasia Research Grant.</b>  |                  |           |
| <b>Project:</b>      | CHAT-Maintain: Maintaining language and quality of life gains with low-dose technology-delivered aphasia therapy.                                 | <b>\$99,869</b>  | 2022      |
| <b>Team:</b>         | Campbell J, Dignam J, Copland D, Hill A, Hersh D, Rose M.   |                  |           |
| <b>Funding Body:</b> | <b>Stroke Foundation Early-mid Career Seed Grant.</b>   |                  |           |
| <b>Project:</b>      | Surviving and thriving after stroke (STARS), Family focused intervention for stroke survivors with children.                                      | <b>\$70,000</b>  | 2022      |
| <b>Team:</b>         | Ryan B, Pitt R, Power E, Cobham V, Wong D, Shrubsole K, Treyvaud K, Kneebone I.   |                  |           |
| <b>Funding Body:</b> | <b>RBWH Foundation Project Grants.</b>  |                  |           |
| <b>Project:</b>      | Improving reliability and validity of presurgical language mapping.   | <b>\$46,831</b>  | 2021      |
| <b>Team:</b>         | McMahon K, Brownsett S, Gillinder L, Copland D, de Silva N, Burfein P, Berry C.   |                  |           |
| <b>Funding Body:</b> | <b>University of Sydney</b>   |                  |           |
| <b>Project:</b>      | DVCR Support Fund for COVID-19 impacted research  | <b>\$41,206</b>  | 2021      |
| <b>Team:</b>         | Togher L, Power E, Rietdijk R, Lim R & Rushworth N.   |                  |           |
| <b>Funding Body:</b> | <b>Mater Foundation</b>   |                  |           |
| <b>Project:</b>      | Language in Epilepsy Assessment Program   | <b>\$33,438</b>  | 2021      |
| <b>Team:</b>         | Gillinder L, Papacostas J, Brownsett S, McMahon K, Reardon A, Copland D.  |                  |           |
| <b>Funding Body:</b> | <b>Tavistock Trust for Aphasia.</b>   |                  |           |
| <b>Project:</b>      | Develop the Aphasia Therapy Finder as a CATS WG4 project which will intersect with the AARP update project.                                       | <b>\$30,000</b>  | 2021      |
| <b>Team:</b>         | Rose M.   |                  |           |
| <b>Funding Body:</b> | <b>Mater Foundation. Betty McGrath Health Care delivery &amp; Innovation Seeding Grant.</b>   |                  |           |
| <b>Project:</b>      | Leading the way in epilepsy management.   | <b>\$29,812</b>  | 2021      |
| <b>Team:</b>         | Gillinder L, Papacostas J, Brownsett S, McMahon K, Reorden A, Copland D.  |                  |           |

## Funding & Grants 2021 continued

|  |  |                     |      |
|--|--|---------------------|------|
| <b>Funding Body:</b>                   | <b>La Trobe University - Early Career Researcher Theme Funding</b>   |                     |      |
| <b>Project:</b>                        | Addressing inequity in aphasia rehabilitation: Adapting Multi-Modality Aphasia Therapy for telehealth  | <b>\$22,356</b>     | 2021 |
| <b>Team:</b>                           | Pierce JE, Hill A, Wong D, Pitt R, & Rose M.   |                     |      |
| <b>Funding Body:</b>                   | <b>Southern Cross University Research Support Grants 2021.</b>   |                     |      |
| <b>Project:</b>                        | Improving implementation of the latest evidence into clinical practice: Clinicians' perspectives of the Australian Aphasia Rehabilitation Pathway.                 | <b>\$15,000</b>     | 2021 |
| <b>Team:</b>                           | Shrubsole K, Rose M, Power E, Aggar C.   |                     |      |
| <b>Funding Body:</b>                   | <b>University of Technology Sydney Social Impact Grant</b>   |                     |      |
| <b>Project:</b>                        | Community evaluation of the implementation of an online service delivery model for a communication intervention for adults with brain injury and their caregivers  | <b>\$7,500</b>      | 2021 |
| <b>Team:</b>                           | Miao M, Power E, Debono D.   |                     |      |
| <b>Funding Body:</b>                   | <b>University of Technology Sydney Centre for Carers Research: Small Grant</b>   |                     |      |
| <b>Project:</b>                        | Implementation of an online service delivery model for a social communication skills training intervention for adults with acquired brain injury and their carers. | <b>\$4,750</b>      | 2021 |
| <b>Team:</b>                           | Miao M, Power E, Togher L, Rietdijk R, Brunner M, & Debono D.  |                     |      |
| <b>APHASIA CRE TOTAL GRANT FUNDING</b> |  | <b>\$12,714,391</b> |      |



Dr Michelle Attard and Dr Ciara Shiggins working in the Aphasia CRE office at La Trobe University.

# Speaking Engagements

**Despite the continuing COVID-19 restrictions through 2021, the Aphasia CREteam has continued to be actively engaged in forums, conferences and events throughout Australia and worldwide.**

We have been fortunate to include many guest speakers to present at our seminar events and we are incredibly grateful to all our speakers for negotiating interstate and international time differences it has enabled an extensive worldwide audience to engage in these valuable and informative seminars.

We would like to thank out 2021 Seminar team Dr Caroline Baker, Dr Ciara Shiggins, Dr John Pierce, Dr Marcella Carragher and our Centre Manager, Kelly Maskell for coordinating the delivery of these seminars. Most of our seminars have been recorded and we welcome you to view them online via our website resources page -<https://www.latrobe.edu.au/research/centres/health/aphasia/resources>

## 2021 Aphasia CRE Seminars:

- Seminar #18 - The three variants of primary progressive aphasia: What are they and what helps?" - Dr Anna Volkmer, University College London, UK. (Feb 2021)
- Seminar #19 - What is therapy? Treatment fidelity and aphasia. Presented by Dr Emily Brogan (March 2021)
- Seminar #20 - Language and Epilepsy: Reasons for Speech and Language Pathologist involvement. Presentation by Dr Sonia Brownsett & Dr Lisa Gillinder (April 2021)
- Seminar #21 - Management of communication disability in the first 90 days after stroke: a scoping review, Presentation by Dr Caroline Baker (May 2021)
- Seminar #22 - Clinical Effectiveness of The Queen Square Intensive Comprehensive Aphasia Service for Patients with Post-Stroke Aphasia with Professor Alex Leff: Professor of Cognitive Neurology and Consultant Neurologist, University College London (June 2021) Presentation slides
- Seminar #23 - Predicting and explaining speech and language outcome and recovery in adult stroke survivors. Presentation by Professor Cathy Price, University College London. (July 2021)
- Seminar #24 - Applying the clinical "crystal ball" to aphasia treatment outcome. Presentation by Professor Julius Fridriksson, University of South Carolina. (August 2021)
- Seminar #25 - Constraint Induced Aphasia Therapy or Multi-Modality Aphasia Therapy: which is better and for whom? Results of the COMPARE RCT investigating CIAT Plus, M-MAT and usual care in people with chronic post-stroke aphasia presented by Prof Miranda Rose (September 2021)
- Seminar #26 - Low-moderate intensity aphasia intervention – a pilot trial of Constraint Induced Aphasia Therapy and Multi-Modality Aphasia Therapy, presentation by Dr John Pierce, La Trobe University (October 2021)
- Seminar #27 - Reporting on LUNA - a novel discourse intervention for people with mild to moderate aphasia. Presentation by Dr Madeline Cruice and Dr Lucy Dipper, University of London (November 2021)
- Seminar #28 - Family-focused management of people with aphasia who have children. Presentation by Dr Brooke Ryan (December 2021)





## Keynotes and Presentations:

- Baker C, Foster A, D'Souza S, Godecke E, Shiggins C, Lamborn E, Lanyon L, Kneebone I, Rose M: Poster presentation on "Management of communication disability in the first 90 days after stroke: a scoping review" at Smart Strokes Conference.
- Baker C, Ryan B, Sekhon JK, Kneebone I, & Rose ML: Workshop on "Optimising mental health and psychological wellbeing for people with aphasia after stroke". Two-part online workshop to multidisciplinary health professionals working in stroke in Sydney at Health Education and Training Initiative (HETI) grant, Aphasia CRE.
- Baker C: Presentation on "Mental health, wellbeing and aphasia" at Monash Health for Speech Pathologists working in mental health field.
- Brassel S: Conference presentation on "Recommendations for the design and implementation of virtual reality for acquired brain injury rehabilitation: Systematic review" at Digital Health Week online conference. Team: Brassel S, Powe, E, Brunner M, Campbell A & Togher L.
- Brassel S: Conference poster presentation on "Current uses and opinions of virtual reality: a content analysis of twitter data and focus on brain injury" at 6th Pacific Rim Conference - INS Mid-Year Meeting, the 43rd Annual Brain Impairment Conference and the Australian Psychological Society's CCN Meeting. Team: Brasse, S, Brunner M, Power E, Campbell A & Togher L.
- Brassel S: Conference poster presentation on "Speech-language pathologists' views of using virtual reality for managing cognitive-communication disorders following traumatic brain injury" at 7th Pacific Rim Conference - INS Mid-Year Meeting, the 43rd Annual Brain Impairment Conference and the Australian Psychological Society's CCN Meeting. Team: Brassel S, Brunner M, Power E, Campbell A, & Togher L.
- Brogan E: Conference presentation on "Costs of hospitalisation after stroke for patients with aphasia: A Queensland substudy of Stroke123" at Stroke Society of Australasia.
- Brogan E: Workshop on "Emerging Stroke Clinicians and Scientists workshop: Navigating the realm of research as an early career clinician or scientist" at Stroke Society Australasia.
- Brogan E: Symposium Presentation on "Costs of hospitalisation after stroke for patients with aphasia: A Queensland substudy of Stroke123" at Edith Cowan University.
- Brownsett S, Mascelloni M, Gowlett G, McMahon KL, & de Zubicaray GI: Conference presentation on "Neighing dogs: Semantic context effects of environmental sounds in spoken word production: a replication and extension" at Australasian Experimental Psychology Conference.
- Brownsett S: Presentation on "Life as a postdoc overseas" at Communication Research Engagement theme meeting. University of Queensland.
- Brownsett S: Conference presentation on "Closing the loop: Using Phase IIb trial data to guide a multidimensional Phase I trial design" at Stroke Society of Australasia.
- Brownsett S, Copland D: Facilitated the Monthly Queensland Aphasia research Centre Aphasia coffee mornings at QARC.
- Brownsett, S, Copland, D: Facilitated on QARC Techhub - Clinical tech 'come and try' event at STARS/QARC.
- Brownsett S: Inservice training on "Imaging for speech Pathologists" at Wesley Hospital.
- Brownsett S. & Gillinder L: News article on "New epilepsy research aims for freedom of speech" at Epilepsy Queensland.

- Brownsett S: Presentation on "ListenIn: App development, RCT & public release" at Queensland Aphasia Research Centre Clinical forum.
- Clapham R, McKinley K, Stone M, Townsend R, Holmes R, Candy M. Candy P, Carragher M & O'Halloran R: Paper presentation on "Identifying practice gaps and prioritising areas for practice change in acute stroke setting" at Speech Pathology Australia National Virtual Conference, Australia.
- Cuperus P: Conference Presentation on "Relationships with technology: Digital therapies and the roles of people with aphasia, their family, friends, and speech pathologists" at 13th Australian Aphasia Association National Conference, online. Team: Cuperus PA, De Kok DA & de Aguiar VM.
- Cuperus P: Conference poster presentation on "Experiences and preferences of speech and language therapists regarding aphasia therapy apps. at Academy of Aphasia 59th Annual Meeting (online). Team: Cuperus PA, De Kok DA, de Aguiar VM & Nickels L.
- Cuperus P: Conference poster presentation on "De ervaringen en voorkeuren van logopedisten wat betreft afasietherapie-apps" at Netherlands Afasieconferentie 2021 (online). Team: Cuperus PA, De Kok DA, de Aguiar VM, & Nickels L.
- de Zubicaray GI, Brownsett S et al: Conference presentation on "Chronic aphasias after left hemisphere resective surgery" at Society for the Neurobiology of Language.
- D'Souza S: Conference presentation on "A qualitative description investigation of patient experiences before and after the implementation of the Communication Enhanced Environment model" at Stroke Society of Australasia.
- D'Souza S: Conference presentation on "Investigating a Communication Enhanced Environment model after stroke: A before-and-after pilot study" at Stroke Society of Australasia.
- Garden K, Vadinova V, de Zubricay G, Meinzer M, Roxbury T, O'Brien K, Copland D, McMahon K, Brownsett S: Conference presentation on "FLAIR Enough: Specificity of lesion identification and correlated physiological deficit and the consequential impact on behaviour in post-stroke aphasia" at Society for the Neurobiology of Language.
- Harvey S, Carragher M, Dickey MW, Rose M: Conference roundtable on "Revisiting dose and intensity in aphasia rehabilitation" at Clinical Aphasiology Conference.
- Harvey S, Carragher M, Dickey MW, Rose M: Conference poster presentation on "Personalising dose in aphasia rehabilitation" at American Society of Neurorehabilitation annual meeting.
- Harvey S, Carragher M, Dickey MW, Rose M: Conference presentation on "Novel telehealth solution for aphasia rehabilitation" at La Trobe University School of Allied Health, Human Services, and Sport Promoting Progress Student Conference.
- Harvey S, Carragher M, Dickey MW, Rose M: Presentation on "Problems with dose in aphasia rehabilitation" at Aphasia CRE Student Showcase.
- Harvey S: Presentation on "Personalising dose in aphasia rehabilitation" at the Vice-Chancellor's philanthropic event, La Trobe University.
- Harvey S: Seminar on "Personalising dose in aphasia rehabilitation" for the Acute Neurology Clinical Interest Group (NSW).
- Harvey S: Seminar on "Optimising the postgraduate supervisory relationship" at Research and Development Team Graduate Research School Higher Degree Research Supervision panel.
- Harvey S: Invited judging panellist for Three-minute thesis competition at Sheffield-Hallam University (UK).
- Hersh D: Conference presentation on "Developing My Aphasia Handbook: A collaboration between the Australian Aphasia Association and the Stroke Foundation" at Smart Strokes National Conference.



## Keynotes and Presentations continued.

- Hersh D: Invited conference keynote on “Seven reasons to value relationships when you have aphasia” at Australian Aphasia Association Conference.
- Hersh D: Invited conference keynote on “Reassessing Assessment in Aphasia Rehabilitation: can we make it more therapeutic?” at British Aphasiology Society Conference.
- Hersh D: Invited seminar on “Reassessing Assessment in Aphasia Rehabilitation: can we make it more therapeutic?” at Speech-Language Pathology Association of Malaysia.
- Hersh D: Invited seminar on “Discharge Planning for people with aphasia post stroke: The LEAVING Checklist” at American Congress of Rehabilitation Medicine Stroke Interdisciplinary Special Interest Group.
- Hill A: Conference presentation on “Translating Chat Into Telechat: Exploring Usability, Feasibility And Acceptability” at the Herston Symposium, Brisbane.
- Lindley RI: Conference presentation on “The role of ‘timing of treatment’ in stroke recovery: Brain Imaging Frailty” at the Stroke Society of Australasia Annual Scientific Meeting Perth.
- Menahemi-Falkov M: Invited presentation. on “Intensive Aphasia Interventions: Do they work? If yes, for how long?” New insights from Individual Response Analysis at C-STAR lecture series.
- Mellahn K: Presentation on “What are we doing for CALD people with aphasia in hospital?” at Aphasia CRE Student Showcase.
- Mellahn K: Presentation on “Nature and Experiences of acute and sub-acute aphasia rehabilitation pathway for CALD people” at Alfred Health Neurology grand round.
- Mellahn K: Conference presentation on “What are we doing for CALD people with aphasia in hospital?” at La Trobe University School of Allied Health, Human Services, and Sport Promoting Progress student conference.
- O’Halloran R: Presentation on “Who has difficulty communicating about their healthcare?” for the Steering Committee of the Alfred Health SPEAK project. Melbourne.
- O’Halloran R: Conference Presentation on “Assessment of the hospital communicative environment”. at 50th Clinical Aphasiology Virtual Conference, USA. Team: O’Halloran R, Stone M, Lankri A, Silagy L, McKinley K. and Worrall L.
- O’Halloran R: Conference Poster Presentation on “Having my say: Using Talking Mats™ to support patients with communication disability to set goals for inpatient rehabilitation” at Speech Pathology Australia National Virtual Conference, Australia. Team: Perkins M. McKinley K, Tse T, Murphy D. and O’Halloran R.
- Pettigrove K: Presentation on “More than a sum of its parts: Facilitating community aphasia groups”. at Aphasia CRE Student Showcase.
- Pettigrove K: Conference presentation on “More than a sum of its parts: Facilitating community aphasia groups” at La Trobe University School of Allied Health, Human Services, and Sport Promoting Progress Student Conference.
- Pierce JE: Conference presentation on “Closing the loop: Using Phase III trial data to guide a basket Bayesian Optimal Phase IIa trial design” at the Stroke Society of Australasia, Perth, Australia.
- Pierce JE: Conference presentation on “Comparison of Constraint Induced Aphasia Therapy and Multi-Modality Aphasia Therapy at a Low-Moderate Intensity – A Substudy Randomised Controlled Trial” at the British Aphasiology Society Conference, Newcastle, United Kingdom. Team: Pierce JE, Togher L, O’Halloran R, Cadilhac D, Copland D, Foster A, Godecke E, Kim J, Hurley M, Nickels L, Meinzer M, Rai T, Wilcox C, Rose ML.



- Pierce JE: Conference presentation on “Comparison of Constraint Induced Aphasia Therapy and Multi-Modality Aphasia Therapy at a Low-Moderate Intensity – A Substudy Randomised Controlled Trial” at the 6th Pacific Rim Conference, Melbourne, Australia. Team: Pierce JE, Togher L, O'Halloran R, Cadilhac D, Copland D, Foster A, Godecke E, Kim J, Hurley M, Nickels L, Meinzer M, Rai T, Wilcox C, Rose ML.
- Pierce JE: Presentation on “Aphasia-friendly video project/how to create a research video for a person with aphasia”. Collaboration of Aphasia Trialists Virtual Event Week. Team: Pierce JE, Pais A & Finch E.
- Power E: Invited keynote address on “Components of Communication partner training in neurological populations” at the 2nd Better Conversations Conference, UK.
- Power E: Invited keynote speaker presenting on “I wouldn't want to open a can of worms”: Sexuality and Intimacy in acquired brain Injury. 6th Pacific Rim Conference for the International Neuropsychological Society (INS), the Australasian Society for the Study of Brain Impairment (ASSBI), and the Australian Psychological Society's College of Clinical Neuropsychologists (CCN), Melbourne, Australia (online).
- Power E: Invited workshop presenter on “Implementation of face to face and online communication partner training programs in ABI: A step by step clinical implementation workshop.” 6th Pacific Rim Conference for the International Neuropsychological Society (INS), the Australasian Society for the Study of Brain Impairment (ASSBI), and the Australian Psychological Society's College of Clinical Neuropsychologists (CCN), Melbourne, Australia (online).
- Power E: Invited workshop presentation on “Implementation in testing times: A step-by-step evidence-based approach to changing our behaviour to implement best clinical practice.” Portuguese Aphasia Institute International Conference (online).
- Power E: Presentation on “Sexuality in stroke- a case study of two journeys.” Australian Society for the Study of Brain Impairment (ASSBI) student relationships, sex, and intimacy in those with brain impairment mini conference, Melbourne (online).
- Power, E: Workshop presentation on “Neurogenic Cognitive Communication disorders.” Speech Pathology Australia, NSW branch (online).
- Power E. et al: Invited workshop on “Everyone has a role! Top ten strategies for health professionals for improving communication access and success for people with communication impairment after stroke.” Smart Strokes 2021 Conference - Australasian Nursing and Allied Health Stroke Conference (online).
- Power E & Togher L: Conference presentation on “Making implementation theory accessible to the community: Findings and lessons from co-designing implementation strategies for a suite of complex digital health interventions”. at Implementation Science Health Conference Australia (Virtual). Team: Miao M, Power E, Rietdijk R, Togher L, Debono D, Brunner M.
- Power E. & Togher L: Conference presentation on “Development of interact-ABI-lity: A free online educational course for promoting positive interactions after acquired brain injury.” Rietdijk R, Brunner M, Power E, Avramovic P, Miao M & Togher L. IBIA Virtual World Congress on Brain Injury (virtual).
- Power E. & Togher L: Poster presentation on “Interact-ABI-lity: A new online resource for training carers and others to communicate with people with acquired brain injury.” Datablitz poster session at the 6th Pacific Rim Conference. Team: Rietdijk R, Brunner M, Avramovic P, Miao M, Power E & Togher L.
- Power E. & Togher L: Presentation on “Interact-ABI-lity: A new online resource for training carers and others to communicate with people with acquired brain injury.” at 43rd Annual Brain Impairment Conference and the Australian Psychological Society's CCN Meeting (virtual). Team: Rietdijk R, Brunner M, Avramovic P, Miao M, Power E. & Togher L.



## Keynotes and Presentations continued.

- Power E. & Togher L: Presentation on “Co-designing the implementation of complex online interventions with adults with communication disabilities and their communication partners using the Non-adoption, Abandonment, Scale-Up, Spread, and Sustainability (NASSS) framework.” Miao M, Power E. at Consumers Health Forum Summit. (virtual).
- Reorden A. Brownsett S, Gillander L: Short film on Investingating langauge and epilepsy at Epilepsy Queensland.
- Rose M: Invited keynote presentation on “Intensive aphasia interventions”. Brazil Speech and Language Therapy Association Conference (virtual).
- Rose M: Invited keynote presentation on “Evidence and innovations for aphasia rehabilitation”. Philippines Speech language Therapy Association Conference (virtual).
- Rose M: Invited keynote presentation on “Multi-modality aphasia therapy: Background, early studies and results of the COMPARE RCT”. Japanese Speech Language Therapy Conference, Tokyo.
- Rose M: Invited keynote presentation “An update on the Aphasia CRE”. AAA National Virtual Conference.
- Rose M: Invited keynote presentation on “Thinking globally, thinking locally”. Aphasia Access Distinguished Speaker Series, USA.
- Rose M: Invited keynote presentation “Aphasia Intervention”. German Aphasia Congress (virtual)
- Rose M: Invited presentation on “Addressing healthcare challenges for people with aphasia”. Northern Health Grand Rounds, Melbourne.
- Rose M: Invited workshop “Evidence and practice in aphasia rehabilitation across the continuum of care”. Speech Pathology Australia.
- Rose M: Invited presentation “Primary and Secondary results of the COMPARE trial”. Gold Coast University Hospital.
- Rose M: Presented the main results and predictors of treatment response in the “COMPARE randomized controlled trial of Constraint Induced Aphasia Therapy-Plus, Multimodality Aphasia Therapy and Usual Care for chronic post-stroke aphasia”. British Aphasiology Symposium, Newcastle UK. Team: Rose, M, Copland, D, Nickels, L, Godecke, E, Carragher, M, Pierce, J, Hurley, M, Wilcox, C, Meinzer, M, Cadilhac, D, and Kim, J.
- Rose M: Presented the primary and secondary results of the “COMPARE randomised controlled trial of constraint-induced and multimodality aphasia rehabilitation”. SMART Strokes, virtual conference. Team: Rose, M, Copland, D, Nickels, L, Godecke, E, Carragher, M, Pierce, J, Hurley, M, Wilcox, C, Meinzer, M, Cadilhac, D, and Kim, J.
- Rose M: Presented the primary results of the “COMPARE RCT of CIAT-Plus and M-MAT for chronic post-stroke aphasia”. Clinical Aphasiology Conference, South Carolina (virtual). Team: Rose M, Copland D, Nickels L, Godecke E, Carragher M, Pierce J, Hurley M, Wilcox C, Meinzer M, Cadilhac D, and Kim J.
- Rose M: Presented on “Revisiting concepts of treatment dose and intensity in aphasia rehabilitation”. Clinical Aphasiology Conference, South Carolina/Virutal May 2021. Team: Rose M, Copland D, Pierce J, Harvey S, Brogan E, Brownsett S, Godecke E, Carragher M & Dickey M.
- Ruggero L: Seminar to consumers on “I decided to challenge it all”: Experiences of Positivity in Primary Progressive Aphasia at Presentation to the Primary Progressive Aphasia Support Group at University College London (online).

- Ryan B: Presentation on “Supporting Parents with Aphasia and their Families” at the Aphasia Institute knowledge exchange.
- Sekhon J, Oates J, Kneebone I & Rose M: Poster presentation on “A survey of counselling education for speech pathology students in Australia” at Promoting Progress Conference, School of Allied Health, Human Services and Sport, La Trobe University.
- Sekhon J, Oates J, Kneebone I & Rose, M: Presentation on “An online counselling training program for speech pathologists to support psychological wellbeing in post-stroke aphasia – results of a pilot randomised controlled trial” at Australian OPSYRIS conference (online)
- Shiggins C: Invited presentation on “Patient and Public Involvement in Qualitative Research” at International qualitative special interest group.
- Shiggins C, Lynch L, Booth B, O'Malley A, Muller J, Mason G & Wong D: Invited workshop on “Making it Matter: How to work effectively in research with people with Lived Experience” for the Stroke Society of Australasia.
- Shiggins C, Coe D, Gilbert L, Aphasia Research Collaboration & Mares K: Invited presentation on Developing an 'Aphasia Accessible Patient Research Experience Survey' through co-production with multiple stakeholders' at the Sixth National Public and Patient Involvement in Research Conference. Co-presented with Ian Duffy (gentleman with aphasia).
- Shiggins C, Ryan B, Bernhardt J, O'Halloran R, Power E, Lindley RI, Middleton S. & Rose ML: Presentation on “Supporting stroke researchers to include people with aphasia in their research: what we know and where are the gaps?” British Aphasiology Society Conference. Online.
- Shiggins C, Ryan B, O'Halloran R, Power E, Bernhardt J, Lindley RI, McGurk G, Hankey GJ & Rose ML: Presentation on “The inclusion of people with aphasia in stroke research” at Australian Aphasia Association Conference. Online.
- Shiggins C, Lynch L, Booth B, O'Malley A, Muller J, Mason G & Wong D: Invited workshop, “Making it Matter: How to work effectively in research with people with Lived Experience”. Stroke Society of Australasia, Monash University education day 'Strategic Partnerships in Allied Health with Consumers and Communities: Between & Beyond'.
- Shiggins C & Wallace S: Invited presentation on “Making a case for the inclusion of people with communication disabilities in research. Developing and implementing aphasia-inclusive research practices” at the 2nd Human Research Ethics Committee Conference.
- Tessaro B. (PhD candidate): Conference presentation on “Assessing cognition in aphasia: A literature review”. at British Aphasiology Society: Research Update Meeting (online). Team: Tessaro B, Hameau S, Salis C, Nickels L.
- Thayabaranathan T, Baker C, Andrew N, Stolwyk R, Thrift A, Carter H, Breen S, Kim J, Wallace S, Brogan E, Grimley R, Lannin N, Rose M & Cadilhac D: “Conference presentation on Exploring physical, emotional, cognitive and social participation in survivors of stroke with self-reported communication difficulties” at Stroke Society of Australasia, Perth.
- Vadinova V, Sihvonen, Garden K, O'Brien K, Roxbury T, de Zubicaray G, Meinzer M, McMahon KL, Copland D & Brownsett S: Conference presentation on “Longitudinal lesion-symptom mapping of recovery of Functional Expressive Grammar (FEG) in aphasia” at Society for the Neurobiology of Language.
- Ward E, Brownsett SLE, McMahon KL, Hartwigsen G & de Zubicaray GI: Conference presentation on “Investigating the neurocognitive network of language production in action picture naming” at Society for the Neurobiology of Language.
- Wallace S: Keynote Address on “Japanese M-MAT study” at Japanese SLT Conference.
- Wallace S: Hospital talk on “PROMS and PREMS” at Gold Coast Hospital and Health Service.





## Keynotes and Presentations continued.

- Wallace S: Hospital talk on “PROMS and PREMS” at Queensland Health Speech Pathology A C (QHSPAC).
- Wallace S. & Young A: Invited presentation on “Measuring outcomes and value of rehabilitation”. Reaching for the STARS: the future of rehabilitation symposium at Herston Health Precinct Symposium 2020. Online/Brisbane, Australia.
- Wallace S: Seminar on “Measuring what matters in rehabilitation. Development of a minimum dataset for STARS” at Inagural Surgical Treatment and Rehabilitation Service (STARS) Research Seminar.
- Wood J, Bland N, Brownsett S, Sale M: Conference presentation on “Slow wave transcranial electrical stimulation during wake to investigate the consolidation of new learning” at Sleep Down Under meeting.
- Worrall L. & Ryan B: Keynote address on “Reporting on the mood and quality of life outcomes of the Aphasia Action, Success and Knowledge (ASK) national RCT to prevent depression in stroke survivors with aphasia and family members through early intervention” at UK Stroke Forum.
- Worrall L: Keynote address on “Rehabilitation of the psychosocial impacts” of aphasia at the 5th Chilean Congress of Neuropsychological Rehabilitation.
- Worrall L: Lecture on “Seven Habit of Effective Aphasia Therapists” for Norwegian speech pathology students.
- Wong D, Shiggins C: Invited workshop on “Making it Matter: How to work effectively in research with people with Lived Experience”. at Stroke Society of Australasia Conference (online). Team: O'Malley A, Booth B, Wong D, Shiggins C, & Lynch E.
- Young A, Wallace SJ, Lowe J, Chung H, Sam S, Cahaplain A, Barnett A, Campbell K: Oral presentation on “Measuring value and outcomes in rehabilitation: development of a minimum dataset” at 14th National Allied Health Conference (online).

## Webinars:

- Baker C, Rose M, Worrall L, Ryan B, Wong D, Thomas S, Cadilhac D & Kneebone I: Webinar on Supporting mental health and well-being after aphasia”. Supporting Emotions in Aphasia, Irish Association of Speech and Language Therapists Webinar. Dublin, Ireland. [View Here](#)
- Brogan E: Webinar on Trial of Aphasia Panelists Series of Papers- Aphasia Trial Phasing at CATs.
- Cheng B. (presenter): Webinar on “Prognostication in post-stroke aphasia” at NSW Adult Neurogenic Communication Interest Group professional development series. Team: Cheng B, Copland D, Ryan B, Wallace S.
- Cheng B: Webinar on “Conversations about prognosis in aphasia after stroke”. Waikato Hospital Speech-Language Therapist Study Day. Team: Cheng B, Copland D, Ryan B, Wallace S.
- Harvey S: Webinar on “Personalising dose in aphasia rehabilitation” at Speech Pathologists in Adult Rehabilitation (VIC).
- Lindley RI: “Acute Stroke Management”. Edinburgh International Course in Medicine of the Older Adult, Royal College of Physicians of Edinburgh.
- Lindley RI: Stroke webinar “Post-stroke rehabilitation in low- and middle-income countries”. Coffee with Latin America.
- Mellahn K: Webinar on “What are we doing for CALD people with aphasia in hospital?” at Speech Pathologists in Adult Rehabilitation (VIC).

- Pettigrove K: Webinar on “Preparing SLPs for the facilitation of community aphasia groups” at Collaboration of Aphasia Trialists - Early and Junior Stage Researchers Lightning Talk Session.
- Pettigrove K: Webinar on “Facilitating Community Aphasia Groups – Results of a Systematic Scoping Review” at Speech Pathologists in Adult Rehabilitation (VIC).
- Pierce J: Webinar on “Review of treatment intensity in chronic aphasia” at Speech Pathologists in Adult Rehabilitation.
- Pierce J: Webinar on “Looking at the relationship between intense or spread out therapy – both can be positive” at Australian Aphasia Association Conference.
- Ryan B: Webinar presentation on “Supporting Emotions in C Initiative”. Irish Association of Speech and Language therapists (IASLT) and Irish OT Association.
- Worrall L: Webinar on “Leadership in the aphasia community” at Aphasia Access Distinguished Speaker Series.
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## Podcasts:

- Cheng B: Podcast on ABC Radio National Ockham’s Razor Podcast presentation and episode at ABC radio. [Listen here](#)
- Ryan B: Podcast on Episode #75: Family Impacts on Children When a Parent has Aphasia: A Conversation with Brooke Ryan. [Listen Here](#)
- Baker C: Podcast on Optimising mental health and wellbeing after aphasia. at Speech Pathology Australia podcast series. [Listen Here](#)
- Copland D: Podcast on Neuroplasticity and Aphasia Recovery. Little Girl Dreams (Spotify), by Chelsea Reid, a person with aphasia who completed our TeleCHAT program. [Listen Here](#)







## Publications

1. Ali M, Lifshitz Ben Basat A, Berthier M, Blom Johansson M, Breitenstein C, Cadilhac D A, Constantinidou F, Cruice M, Davila G, Gandolfi M, Gil M, Grima R, Godecke E, Jesus L, Jimenez LM, Kambanaros M, Kukkonen T, Laska A, Mavis I, Mc Menamin R, Mendez-Orellana C, Obrig H, Ostberg P, Robson H, Sage K, Van De Sandt-Koenderman M, Sprecht K, Visch-Brink E, Wehling E, Wieleaert S, Wallace SJ, Williams LJ, & Brady MC. (2021). **Protocol for the development of the international population registry for aphasia after stroke (I-PRAISE).** *Aphasiology*, 1-21. DOI:10.1080/02687038.2021.1914813
2. Ali M, Brady M, Vandenburg K, Williams L, ..... Godecke E, Rose M,.... Wright H. (2021). **Predictors of post-stroke aphasia recovery: a systematic review informed individual participant data (IPD) meta-analysis.** *Stroke*. 2021;52:1778–1787 DOI: 10.1161/STROKEAHA.120.03116
3. Ali M, Godecke E, Wallace SJ, McMenamin R, Copland D, et al., on behalf of the Collaboration of Aphasia Trialists (CATs). **An Aphasia Research Agenda – a Consensus Statement from the Collaboration of Aphasia Trialists.** *Aphasiology*. DOI:10.1080/02687038.2021.1957081
4. **ASSENT Project, end of project reports (2021): Documents Assent, UEA Research Groups and Centres, UEA.** [www.uea.ac.uk/groups-and-centres/assent/documents](http://www.uea.ac.uk/groups-and-centres/assent/documents)
5. Babbitt EM, Worrall L & Cherney LR (n.d.). **"It's like a lifeboat": stakeholder perspectives of an intensive comprehensive aphasia program (ICAP).** *Aphasiology*, 1–23. DOI:10.1080/02687038.2021.1873905
6. Baker C, Foster A, D'Souza S, Godecke E, Shiggins C, Lamborn E, Lanyon L, Kneebone I & Rose M. (2021). **Management of communication disability in the first 90 days after stroke: A scoping review.** *Disability and Rehabilitation*. DOI: 10.1080/09638288.2021.2012843
7. Baker C, Worrall L, Rose M & Ryan B. (2021). **Stroke health professionals' management of depression after post-stroke aphasia: a qualitative study.** *Disability and Rehabilitation*, 43(2), 217–228. DOI: 10.1080/09638288.2019.1621394
8. Basilakos A, Hula W, Phillip Johnson L, Kiran S, Walker G & Fridriksson J. (2021). **Defining the Neurobiological Mechanisms of Action in Aphasia Therapies: Applying the Rehabilitation Treatment Specification System Framework to Research and Practice in Aphasia** *Archives of Physical Medicine and Rehabilitation*. DOI:10.1016/j.apmr.2021.10.017
9. Behn N, Francis J, Togher L, Hatch E, Moss B & Hilari K. (2021). **Description and effectiveness of communication partner training in TBI: A systematic review.** *Journal of Head Trauma Rehabilitation*, 36 (1), 56-71. DOI:10.1097/HTR.0000000000000580



10. Bernhardt J, Borschmann K, Collier JM, Thrift AG, Langhorne P, Middleton S, Lindley RI, Dewey HM, Bath P, Said CM, Churilov L, Ellery F, Bladin C, Reid CM, Frayne JH, Srikanth V, Read SJ & Donnan GA on behalf of the AVERT Trialists Collaboration Group. **Fatal and non-fatal events within 14 days after early, intensive mobilization post stroke.** *Neurology* 2020. DOI: 10.1212/WNL.0000000000011106
11. Boyle M, Gordon J, Harnish S, Kiran S, Martin N, Rose M & Salis C. (2021). **Evaluating Cognitive-Linguistic Approaches to Interventions for Aphasia within the Rehabilitation Treatment Specification System (RTSS).** *Archives of Physical Medicine and Rehabilitation*. DOI:10.1016/j.apmr.2021.07.816
12. Brady M., Ali M, VandenBerg, K, Williams LJ,... Godecke E, Rose M. et al (2021). **Dosage, intensity and frequency of language therapy for aphasia: an individual participant data network meta-analysis.** *Stroke*. DOI:10.1161/STROKEAHA.121.035216
13. Brady M, Ali M, VandenBerg, K, Williams,... Godecke E, Rose M, ..Wright H. (2021). **Utilising a systematic review-based approach to create a database of individual participant data for meta- and network meta-analyses: the RELEASE database of aphasia after stroke,** *Aphasiology*, DOI:10.1080/02687038.2021.1897081
14. Brassel S, Power E, Campbell A, Brunner M & Togher L. (2021). **Recommendations for the Design and Implementation of Virtual Reality for Acquired Brain Injury Rehabilitation: Systematic Review.** *Journal of Medical Internet Research*, 23(7), e26344. DOI:10.2196/26344
15. Bright F, Attrill S & Hersh D. (2021). **Therapeutic relationships in aphasia rehabilitation: Using sociological theories to promote critical reflexivity.** *International Journal of Language and Communication Disorders*, 56(2), 234-247. DOI:10.1111/1460-6984.12590
16. Brogan E, Godecke E & Ciccone N. (2021). **Treatment Integrity and Differentiation in the Very Early Rehabilitation in SpEEch (VERSE) trial.** *Aphasiology*. DOI:10.1080/02687038.2021.1988891
17. Brown SE, Brady MC, Worrall L & Scobbie L. (2021). **A narrative review of communication accessibility for people with aphasia and implications for multi-disciplinary goal setting after stroke.** *Aphasiology*, 35(1), 1–32. DOI:10.1080/02687038.2020.1759269
18. Brunner M, Hemsley B, Togher L, Dann S & Palmer S. (2021). **Social media and people with traumatic brain injury: a metasynthesis of research informing a framework for rehabilitation clinical practice, policy, and training.** *American journal of speech-language pathology*, 30(1), 19-33. DOI:10.1044/2020\_AJSLP-20-00211
19. Brunner M, Togher L, Palmer S, Dann S & Hemsley B. (2021). **Rehabilitation professionals' views on social media use in traumatic brain injury rehabilitation: gatekeepers to participation.** *Disability and Rehabilitation*, 43(14), 1955-1964. DOI:10.1080/09638288.2019.1685604
20. Bunning, K., Heywood, R, Killett, A., Shiggins, C. & Langdon, P.E. (2021). **Including adults with capacity and communication difficulties in ethically sound research.** *ASSENT Project, end of project reports:* [www.uea.ac.uk/groups-and-centres/assent/documents](http://www.uea.ac.uk/groups-and-centres/assent/documents)
21. Cadilhac DA, Kim J, Tod EK, Morrison JL, Breen SJ, Jaques K, Grimley R, Jones B, Cloud GC, Kleinig T, Hillier S, Castley H, Lindley RI, Lannin NA, Middleton S, Yan B, Hill K, Clissold BB, Mitchell PJ, Anderson CS, Faux SG & Campbell BCV on behalf of the AuSCR COVID-19 Reporting Consortium Group. **COVID-19 Pandemic Impact on Care for Stroke in Australia: Emerging Evidence from the Australian Stroke Clinical Registry.** *Frontiers in Neurology* 2021; 12: 621495. DOI: 10.3389/fneur.2021.621495
22. Chen C, Wang X, Chen X, Ouyang M, Sun L, Arima H, Robinson T, Lindley RI, Chalmers J, Li G, Song L & Anderson CS. on behalf of the ENCHANTED Trial Collaborators. **Disparities between Asian and Non-Asian Thrombolysed Acute Ischemic Stroke Patients in the Enhanced Control of Hypertension and Thrombolysis Stroke Trial.** *Cerebrovascular Diseases* 2021; 50: 560-566. DOI:10.1159/000516487
23. Chen C, Song L, Yang J, Lindley R, Robinson T, Arima H, Chalmers J, Anderson CS & Wang X. **Regional differences in early BP Management after acute ischemic stroke in the ENCHANTED International Randomized Controlled Trials.** *Frontiers in Neurology* 2021; 12:687862. DOI:10.3389/fneur.2021.687862
24. Cheng B, Ryan B, Copland D & Wallace SJ. (2021). **Prognostication in post-stroke aphasia: Speech pathologists' clinical insights on formulating and delivering information about recovery.** *Disability and Rehabilitation*. DOI:10.1080/09638288.2021.1922514
25. Cherney LR, DeDe G, Hoover EL, Murray LL, Obermeyer J & Hunting Pompon R, (2021). **Applying the Rehabilitation Treatment Specification System (RTSS) to Functional Communication Treatment Approaches for Aphasia.** *Archives of Physical Medicine and Rehabilitation*. DOI:10.1016/j.apmr.2021.10.016



## Publications continued.

26. Copland D, Brownsett S, Iyer K & Angwin A. (2021). **Corticostriatal regulation of language functions.** *Neuropsychology Review*. DOI: 10.1007/s11065-021-09481-9
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# PhD Congratulations

## Dr Sarah D'Souza



Sarah completed her PhD in November 2021. Her PhD research was a before-and-after pilot study investigating whether a Communication Enhanced Environment model increased language activity for in-patients following stroke.

The key strategies implemented within the project were tailored to meet the needs of patients with aphasia. The study found the intervention group accessed 71% of the elements of the model, suggesting the model was feasible. The intervention group engaged in higher language activity levels (73%) than the control group (66%) although this difference was not significant.

This year Sarah presented her PhD results across three platform presentations at the Stroke Society of Australasia Annual Scientific Meeting conference, co-presented a workshop at the Smart Strokes conference, and published five articles. She will be continuing her research journey in 2022 working in a newly developed research role alongside her acute neurology senior speech pathologist clinical position at Sir Charles Gairdner Osborne Park Hospital Group.

## Dr John Pierce



John's PhD "A Comparison of Lower Intensity Constraint-Induced and Multimodal Therapies in Chronic Aphasia" was completed at La Trobe University part-time between 2015 and 2021 under the supervision of Prof Miranda Rose, Dr Robyn O'Halloran and Prof Leanne Togher.

John's thesis examined the effect of providing low-moderate intensity treatment for people with aphasia. The work was a substudy within the COMPARE trial, providing Constraint Induced Aphasia Therapy Plus and Multi-Modal Aphasia Therapy in 26 people with aphasia. Whereas the COMPARE trial offered 30 hours of treatment in two weeks, the substudy within COMPARE offered 30 hours in five weeks. This lower intensity schedule showed positive outcomes in word retrieval which were similar to those of the main trial and with no significant difference between treatments. John's work showed that neither

constraint-induced nor multimodal treatment was superior for word retrieval outcomes and that a low-moderate intensity (i.e., 6 hours per week) of treatment is efficacious. Results were presented at the 6th Pacific Rim Conference in July 2021, and there will be a publication and summary video.

John is now working as a post doctoral research fellow on the Communication Connect project at the Aphasia CRE and adapting Multi-Modality Aphasia Therapy for telehealth.



## Dr Cathy Taylor-Rubin



Congratulations to Cathy who completed her PhD, “Enhancing communication effectiveness for people with primary progressive aphasia” at Macquarie University with supervisors, Lyndsey Nickels and Karen Croot.

Cathy received a Vice-Chancellor’s commendation for quality. Cathy successfully published all four papers from her PhD. Two were published in 2020 - one on primary progressive aphasia (PPA) support groups, another examining treatment adherence.

Cathy’s final two studies explored whether people with PPA can use words that have been learned in therapy, in phrases, similar to how we use words in everyday conversation. She examined this

across two studies, both now published one looking at this issue in a cueing study and the second expanding it to treatment.

Cathy is now focusing on expanding clinical services for people with PPA, both in the public hospital sector and in private practice. COVID 19 challenges in 2020, have resulted in an expansion of telehealth services, improving accessibility for people in outer metropolitan and regional areas.

## Dr Kaimook Siriboonpipattana



For her PhD titled “Neurolinguistic Studies on the linguistic expression of time reference in Thai” Kaimook conducted one of the first studies of agrammatism in Thai speakers with aphasia. She found that in spontaneous speech, Thai speakers with agrammatism showed some characteristics observed in other languages, such as a slower speech rate and short and often ungrammatical utterances. However, the Thai individuals with agrammatic aphasia also showed differences in features specific to Thai. For example, they produced fewer serial verbs: serial verbs are where a sequence of verbs can be used to express a number of events (e.g., “she walk go see friend” for “she walked to go and see her friend”).

Kaimook also focused on the fact that in languages such as English, Dutch or German, where verbs are inflected with tense (such as skipped, skips, will skip) to refer to time, speakers with agrammatic aphasia often have particular difficulty producing and understanding sentences that refer to the past. Kaimook was interested in investigating whether this same vulnerability occurred for Thai speakers with agrammatic aphasia, since Thai does not use verb inflections, to refer to time. She found that in fact, Thai speakers showed no difference between past, present and future. Both of these studies were accepted for publication. Kaimook hopes that by giving greater understanding of aphasia in Thai, her results will help better assessment and therefore more effective treatments for Thai speakers with aphasia.

Kaimook shared a virtual celebrated with supervisors, Lyndsey Nickels & Roelien Bastiaanse (University of Groningen)



## PhD Congratulations continued.

### Dr Megan Trebilcock



"Aphasia Nexus: Connecting Evidence to Practice" The University of Queensland, Australia.

Megan submitted her PhD in May. Megan's thesis focused on closing the evidence practice gap in aphasia rehabilitation in terms of both the comprehensiveness and intensiveness of aphasia rehabilitation. Megan developed an online platform - Aphasia Nexus - to help the translation of aphasia research evidence on an international scale. The development of Aphasia Nexus was unique in that it was developed with multinational end-users (clinicians) throughout the entire design process as per the principles of integrated knowledge exchange. As one of the first online interventions developed for aphasia clinicians by aphasia clinicians, it is anticipated that the uptake of best practice

recommendations for the intensity and comprehensiveness of aphasia services will be increased widely. These improvements in aphasia services, in addition to greater access to intensive and comprehensive services, will hopefully translate into better outcomes for people with aphasia and their families.

Megan celebrated with her supervisors, Dr Kirstine Shrubsole, Dr Brooke Ryan and Emeritus Professor Linda Worrall celebrating her submission! Congratulations Megan.

### Dr Leonie Lampe



"Aspects of semantics and their influence on word production in language impaired and unimpaired individuals" Macquarie University, Supervisors: Lyndsey Nickels & Solène Hameau

In her PhD, Leonie studied how the richness, type, and distribution of meaning associated with a word influences our ability to say that word. She did this looking at how fast university students name pictures of objects and what errors they make, and measured the participants' brain activity using electroencephalography (EEG) while they named the picture. She also looked at the same things in people with aphasia.

The most important finding was that it was easier for both people with aphasia and students to say a word when they know a lot about the object it relates to. For example, it is easier to say "tiger" than "otter" because we tend to know a lot more facts about tigers than we do about otters. One way of applying this research finding in aphasia rehabilitation would be a treatment approach that focuses on discussing facts about objects. Learning more facts (or greater accessibility of facts) may make it easier to subsequently name the treated objects. Leonie's study has now been published.





**Melbourne Aphasia CRE team celebrate a (shortlived) return to the office in February 2021.**  
Cassie Wilcox, Dr Michelle Attard, Dr Ciara Shiggins, Dr Caroline Baker, Kelly Maskell, Prof Miranda Rose and Sam Harvey.

## Aphasia CRE Team

### Chief Investigators

- |                                |  |
|--------------------------------|--|
| • Professor Miranda Rose       | La Trobe University                                |
| • Professor Leanne Togher      | The University of Sydney                           |
| • Professor David Copland      | The University of Queensland                       |
| • Professor Ian Kneebone       | University of Technology Sydney                    |
| • Professor Julie Bernhardt    | Florey Institute of Neuroscience and Mental Health |
| • Professor Richard Lindley    | The University of Sydney                           |
| • Professor LeeAnne Carey      | La Trobe University                                |
| • Professor Dominique Cadilhac | Monash University                                  |
| • Professor Leonid Churilov    | Monash University                                  |
| • A/Prof. Erin Godecke         | Edith Cowan University                             |

### Associate Investigators

- |                                |                                 |
|--------------------------------|---------------------------------|
| • Professor Cathy Price        | University College London       |
| • Professor Julius Fridriksson | University of South Carolina    |
| • Professor Linda Worrall      | The University of Queensland    |
| • Professor Sandy Middleton    | Australian Catholic University  |
| • Professor Lyndsey Nickels    | Macquarie University            |
| • Professor Natasha Lannin     | La Trobe University             |
| • A/Prof. Emma Power           | University of Technology Sydney |
| • Dr Robyn O'Halloran          | La Trobe University             |
| • Mr Kelvin Hill               | Stroke Foundation               |





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## Aphasia CRE Team continued.

### Post Doctoral Fellows

- |                         |                                 |
|-------------------------|---------------------------------|
| • Dr Brooke Ryan        | University of Technology Sydney |
| • Dr Caroline Baker     | La Trobe University             |
| • Dr Ciara Shiggins     | La Trobe University             |
| • Dr Emily Brogan       | Edith Cowan University          |
| • Dr John Pierce        | La Trobe University             |
| • Dr Marcella Carragher | La Trobe University             |
| • Dr Sonia Brownsett    | The University of Queensland    |

### Affiliates

- |                                     |                                     |
|-------------------------------------|-------------------------------------|
| • Emeritus Professor Jennifer Oates | La Trobe University                 |
| • Professor Sabine Corsten          | Mainz University, Germany           |
| • Professor Deborah Hersh           | Edith Cowan University              |
| • A/Prof. Anne Whitworth            | Curtin University                   |
| • A/Prof. Katie McMahon             | Queensland University of Technology |
| • A/Prof. Madeline Cruice           | University of London, UK            |
| • A/Prof. Michael Walsh Dickey      | University of Pittsburgh, USA       |
| • A/Prof. Monique Kilkenny          | Monash University                   |
| • A/Prof. Natalie Ciccone           | Edith Cowan University              |
| • A/Prof. Rene Stolwyk              | Monash University                   |
| • A/Prof. Shirley Thomas            | University of Nottingham, UK        |
| • Dr Annie Hill                     | The University of Queensland        |
| • Dr Britta Biedermann              | Curtin University                   |
| • Dr Catherine Ford                 | University of East Anglia, UK       |
| • Dr Dana Wong                      | La Trobe University                 |
| • Dr Emma Finch                     | The University of Queensland        |
| • Dr Fergus Gracey                  | University of East Anglia, UK       |
| • Dr Jade Dignam                    | The University of Queensland        |
| • Dr Joosup Kim                     | Monash University                   |
| • Dr Kirstine Shrubsole             | Southern Cross University           |
| • Dr Kate Hayward                   | University of Melbourne             |
| • Dr Lucette (Lucie) Lanyon         | La Trobe University                 |
| • Dr Michelle Attard                | La Trobe University                 |
| • Dr Marie-Pier McSween             | The University of Queensland        |
| • Dr Nicholas Behn                  | University of London, UK            |
| • Dr Sarah Northcott                | University of London, UK            |
| • Dr Sarah Wallace                  | The University of Queensland        |
| • Nawaf Yassi                       | Royal Melbourne Hospital            |
| • Tharshanah Thayabaranathan        | Monash University                   |

## Administration / Research Trials Staff / Volunteers

- |                       |   |
|-----------------------|---|
| • Kelly Maskell       | Aphasia CRE Centre Manager, La Trobe University     |
| • Cassie Wilcox       | Aphasia CRE Research Associate, La Trobe University |
| • Queenie Hung        | Casual Research Associate, La Trobe University      |
| • Tracey Tran         | Casual Research Associate, La Trobe University      |
| • Bianca Tidey        | Casual Research Associate, La Trobe University      |
| • Shambavi Alagarwami | Casual Research Associate, La Trobe University      |
| • Farhana Dewan       | Aphasia Inclusion Hub Volunteer                     |
| • Russell Fleming     | Aphasia Prism Project Volunteer                     |

## Higher Degree Research Students

- |                        |   |
|------------------------|---|
| • Amanda Elston        | La Trobe University                                   |
| • Amy Ford             | La Trobe University                                   |
| • Chelsea Larkman      | La Trobe University                                   |
| • Edwina Lamborn       | La Trobe University                                   |
| • Jasvinder Sekhon     | La Trobe University                                   |
| • Kathleen Mellahan    | La Trobe University                                   |
| • Kathryn Pettigrove   | La Trobe University                                   |
| • Kristina Bradley     | La Trobe University                                   |
| • Maya Menahemi-Falkov | La Trobe University                                   |
| • Naomi Dekleine       | La Trobe University / University of Western Australia |
| • Samuel Harvey        | La Trobe University                                   |
| • Aoife Reorden        | The University of Queensland                          |
| • Bethany Best         | The University of Queensland                          |
| • Bonnie Cheng         | The University of Queensland                          |
| • Emma Schimke         | The University of Queensland                          |
| • Genevieve Vuong      | The University of Queensland                          |
| • Jennifer Lee         | The University of Queensland                          |
| • Jessica Tranter      | The University of Queensland                          |
| • Kimberley Garden     | The University of Queensland                          |
| • Leana Nichol         | The University of Queensland                          |
| • Patty Govender       | The University of Queensland                          |
| • Penni Burfein        | The University of Queensland                          |
| • Sam Armstrong        | The University of Queensland                          |
| • Shannon Taylor       | The University of Queensland                          |
| • Veronika Vladinova   | The University of Queensland                          |
| • Sarah D'Souza        | Edith Cowan University                                |



## Higher Degree Research Students continued.

- Siobhan Kavanagh
  - Rebecca El-Helou
  - Sonia Lau
  - Priscilla Tjokrowijoto
  - Bruna Tessaro
  - Catherine Mason
  - Cathleen Taylor-Rubin
  - Leanne Ruggero
  - Pauline Cuperus
  - Rajath Shenoy
  - Suzan Dilara Tokac
  - Mareike Moormann
  - Hope Schlesinger
- Edith Cowan University  
University of Technology Sydney  
University of Technology Sydney  
Monash University  
Macquarie University & Newcastle University, UK  
Macquarie University  
Macquarie University  
Macquarie University  
Macquarie University & University of Groningen, NL  
Macquarie University & Manipal Academy of H.E., India  
Macquarie University & University of Groningen, NL  
Curtin University  
University of East Anglia, UK





# Glossary

## Acronyms

**A/Prof.** - Associate Professor  
**AAA** - Australian Aphasia Association  
**ARC** - Australian Research Council  
**ASHA** - American Speech – Language - Hearing Association  
**Aphasia CRE** - Centre of Research Excellence in Aphasia Recovery and Rehabilitation  
**COP** - Aphasia CRE Community of Practice  
**CEO** - Chief Executive Officer  
**Dr.** - Doctor  
**ECU** - Edith Cowan University  
**LTU** - La Trobe University  
**MU** - Macquarie University  
**NHMRC** - National Health and Medical Research Council, Australia  
**OPSYRIS** - Organisation for Psychological Research into Stroke  
**PhD** – Doctor of Philosophy  
**Post Doc** - Post Doctoral Research Fellow  
**Prof.** - Professor  
**PWA** - Person with aphasia  
**QARC** – Queensland Aphasia Rehabilitation Centre  
**RA** - Research Associate  
**RPAG** - Research Partners Advisory Group  
**SAHHSS** - School of Allied Health, Human Services and Sport  
**SPA** - Speech Pathology Australia  
**SSA** - Stroke Society of Australasia  
**Stroke CRE** - The Centre of Research Excellence (CRE) in Stroke Rehabilitation  
**SF** - Stroke Foundation Australia  
**UQ** – The University of Queensland  
**USyd** – The University of Sydney

## Terms

**Beacon Projects** - We have over 100 active projects within the Aphasia CRE. The beacon projects are the overarching projects, often with several sub projects. We have called them beacon projects because these are the standout projects (shining lights) signalling the aims and activities specifically related to the principal direction of the Aphasia CRE.

**Research Partners Advisory Group** - A group of people living with aphasia or supporting a person living with aphasia. They support the Aphasia CRE with lived experience perspectives and advice on research direction, programs and projects.

**Telehealth** - Mode to deliver health services to patients and clients via electronic means, usually teleconference or over the phone.

**Multi D** - Multi Disciplinary, combining or involving several academic disciplines or health professional specializations.

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# Join our Community of Practice



The Aphasia CRE - Community of Practice (COP) welcomes people with aphasia, family, friends, health professionals, researchers and organisations to join - [www.latrobe.edu.au/aphasiacre-cop](http://www.latrobe.edu.au/aphasiacre-cop)

Since our launch in 2019 the Community of Practice has grown very quickly. We have members from Australia and international locations, predominantly from United Kingdom, Ireland, USA, New Zealand, Canada, Denmark, India, Brazil and many more. Our members include people with aphasia, family and friends supporting a person with aphasia and health professionals. Our professional members include speech pathologists, physiotherapists, psychologists, social workers, neurologists, nurses, researchers, and students.

## Benefits to members of the Aphasia CRE - Community of Practice include:

- receiving our newsletter and updates on events and activities
- invitations to contribute to research agenda and studies
- opportunities to attend workshops and networking events
- free membership

Join our Community of Practice at - [www.latrobe.edu.au/aphasiacre-cop](http://www.latrobe.edu.au/aphasiacre-cop)



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