

The Hopkins Centre Research for Rehabilitation and Resilience









A joint initiative of the Division of Rehabilitation, Metro South Health, and Menzies Health Institute Queensland, Griffith Universi





OCTOBER 18TH | TRANSLATIONAL RESEARCH INSTITUTE | PRINCESS ALEXANDRA HOSPITAL BRISBANE Symposium proceedings, presentations and posters will be available following the event on The Hopkins Centre website at www.hopkinscentre.edu.au/bibs2019. **ACKNOWLEDGEMENT AND SPECIAL THANKS TO:** The symposium organising group, research leaders involved in the abstract review process, and the event venue and hire organisations, for their help and support in arranging the symposium. Stay connected and up to date with THC research on twitter @Hopkins_Centre

Username: **BIBS19**Password: **THCBIBS19**

WELCOME

Welcome to Bold ideas, better solutions 2019, The Hopkins Centre research symposium on Friday 18 October 2019, at the Translational Research Institute on the Princess Alexandra Hospital campus. Bold ideas, better solutions 2019 is the premier knowledge forum for clinicians, researchers, service users and industry partners interested in progressive ideas and research-based solutions to complex challenges in the field of disability and rehabilitation.

Bold ideas, better solutions 2019 focuses on the theme, 'Discovery and Design in Disability and Rehabilitation', featuring the latest interdisciplinary research to enhance services, practices and policies for the wellbeing of people with complex needs, and the emerging ideas driving new innovations in design. Highlights include international keynote speakers on the ethics and human rights of new discovery and design in the field and inclusive and sustainable design of systems in the 21st century. The symposium also features an interdisciplinary program of oral presentations, panel discussion, research poster displays and interactive exhibition on the revolutions of technology in disability and rehabilitation.

Witness the presentation of the Emerging Research Award, proudly sponsored by Clinical Excellence Queensland, in recognition of excellence in early career research, relative to opportunity. Celebrate the annual THC Translational Research Award, sponsored by Carter Newell Lawyers, acknowledging the value of collaboration and the translation potential of interdisciplinary research.

Join us at the Bold ideas, better solutions 2019 symposium and play your part in inspiring bold research that shapes the future of our disability and rehabilitation services.



Professor Elizabeth Kendall Menzies Health Institute QLD Griffith University



Professor Tim Geraghty
Division of Rehabilitation
Princess Alexandra Hospital



Professor Michele Foster Division of Rehabilitation Princess Alexandra Hospital Menzies Health Institute QLD,





Images courtesy of the Bold ideas better solutions symposium 2018





THE HOPKINS CENTRE

The Hopkins Centre Research for Rehabilitation and Resilience is leading translation research nationally in the field of rehabilitation and severe disability. The Centre is renowned for research approaches that bring service users, clinicians and researchers together to develop practical solutions that promote measurable improvements for recovery and resilience.

The Centre has hubs in Brisbane, Gold Coast, Ipswich and Logan. The combination of these locations facilitates opportunities for knowledge exchange and research excellence, and building sustainable collaborations between experienced rehabilitation clinicians, expert academic researchers, community practitioners, policy-makers, service-users and citizens.

By creating an environment for sustainable collaborations and partnerships, we will expand research potential and impact in Queensland and beyond.

OUR MISSION

- To find better solutions to complex systemic challenges through interdisciplinary, collaborative and responsive research that is embedded in practice and informed by people with disability
- To promote respect for the fundamental importance of service users in the design of rehabilitation and disability services and research
- To build essential partnerships between researchers and practitioners and policy makers to enhance the relevance of research and build capacity for the timely application of evidence

OUR STRATEGY

Unite researchers and key industry partners by building a coherent research and translation system that address the persistent gap between evidence, practice and policy within the disability and rehabilitation sector.

Build industry-based research capacity and an integrated system for informing practices and education programs, promoting ongoing learning and facilitating sustainable practice change.

Offer an environment that promotes high quality research and early career development for health professionals, graduates and people with disability pursuing research.



CENTRE PATRON, MR KEVIN COCKS AM

Mr Kevin Cocks AM is a well-respected influential advocate and until recently, was the Queensland Anti-Discrimination Commissioner. After sustaining a spinal injury as a young person, he has made it his goal to ensure no one is left behind. He brings a wealth of experience to this role, with his expertise focused on protecting the principles of dignity and equality for everyone and striving towards a more inclusive society for all. He has dedicated his life to fighting for an inclusive, accessible and diverse Queensland through legislative and policy reform and State-wide advocacy.

Read more about the Ambassador Council and citizen led agenda at www.hopkinscentre.edu.au/ourambassadors



OUR RESEARCH

Reinforcing the Centre's vision, our research promotes consumer-led collaborative opportunities and people living with disability partnering in, and contributing to responsive research and design of services and sustainable interventions. Our research is driven from the needs of service users and practitioners seeking to make a real difference in people's lives for the rest of their life.

Research Streams

Three streams of research define our interdisciplinary collaborations across academic, clinical and citizen researchers.



Spaces and places where people are at their best

Understanding the complex interactions between service users' personal wellbeing and their physical, social political and economic environments.

Developing, applying and measuring effective practices, techniques and technologies that support early intervention, optimize community participation and improve quality of life.

Health interventions that people want and that work



Policies and systems that deliver fairness and equity Examining and assessing policy, legal and rights frameworks and operating systems that underpin service delivery, access and lifetime care for disability and rehabilitation populations.

Population Groups

We focus our efforts, expertise and resources to service around five population groups:



Spinal Cord injury



Brain injury



Musculoskeletal health and persistent pain



Developmental disability



Other Acquired Disability

Read more our research and how to get involved at www.hopkinscentre.edu.au/research







PROGRAM

Full program as per 3 October 2019

0800	Registration open – sponsor displays and research poster showcase
0900–0930	Welcome and Official Opening
	Master of Ceremonies, Professor Elizabeth Kendall, Director, The Hopkins Centre
	Acknowledgement of Country, Aunty Lauraine Barlow (Jana-n Jigiddirri Buligud minim barbun gunyahjil Mandingalbay) Descendant of Gulchiburra Clan of Yidinji Nation North QLD, Bighurmggudinh Clan of Lamalama Nation Cape York Peninsula, Community worker and Citizen researcher
	Professor Keith McNeil, Acting Deputy Director General, Clinical Excellence Queensland
	Dr Kevin Cocks AM, Patron for The Hopkins Centre and Human Rights Advocate
0930–1015	Keynote Presentation, TRI Auditorium
	Making innovation better: the promise and challenge of new discoveries for disability
	Professor Jackie Leach Scully, Director, Disability Innovation Institute, UNSW
1015-1025	HablTec Launch
	Professor Elizabeth Kendall, Director, The Hopkins Centre
	Mary Whitehead, Director Occupational Therapy, Department of Occupational Therapy, Metro South Health
1025–1055	Morning tea proudly sponsored by the HablTec initiative
10.55–1210	Therapeutic Interventions & Rehabilitation Care - parallel session one, TRI auditorium
	Chair: Ms Brooke Wadsworth, Metro South Health and The Hopkins Centre
	Predicting outcome to the UPLIFT program for people with persistent back pain
	Professor Michel Coppieters, The Hopkins Centre and Professor of Allied Health Research,
	Menzies Health Institute Queensland, Griffith University
	Novel Approaches to Functional Restoration in Spinal Cord Injury
	Dr Dinesh Palipana OAM, Emergency Doctor at Gold Coast University Hospital, Researche with Spinal Cord Injury Project, Griffith University and Ambassador for The Hopkins Centre
	Virtual Reality in Rehabilitation: Fiction, Fad, or Future
	Dr Daniel Harvie, The Hopkins Centre, Menzies Health Institute Queensland
	Perspectives of people with spinal cord injury receiving rehabilitation on virtual reality
	intervention



	Exploration of the roles and perspectives of neurorehabilitation nurses regarding visual observation and safety monitoring for high risk brain injury patients
	Ms Kirsty Gray, Brain Injury Rehabilitation Unit, Division of Rehabilitation, Metro South Health
1055–1210	Service and Systems Design - parallel session two, seminar room
	Chair: Dr Ben Turner, Metro South Health
	A multi-disciplinary service model for hypertonicity management post brain injury: Experiences and perceptions of service users in Queensland
	Mrs Catherine Cave, Division of Rehabilitation, Metro South Health
	International Spinal Cord Injury Survey: Health characteristics and health service use of long-term spinal cord injury in Queensland
	Ms Samantha Borg, The Hopkins Centre
	Online inter-organisational relationships in the disability service sector
	Associate Professor Paul Henman, University of Queensland
	Access and unmet need as predictors of psychosocial wellbeing and quality of life in rehabilitation patients
	Dr David Borg, The Hopkins Centre
	It gave her that soft landing': Perspectives on a new transitional rehabilitation service for people with acquired brain injury
	Ms Jaycie Bohan, Acquired Brain Injury Transitional Rehabilitation Service, Division of Rehabilitation, Metro South Health
1210–1310	Lunch - Interactive exhibition and research poster display
1310–1410	Panel Discussion, TRI Auditorium
	Facilitator: Kelly Higgins-Devine, ABC Journalist
	Panel Speakers:
	Professor Jackie Leach Scully, Director, Disability Innovation Institute, UNSW Mrs Angel Dixon, THC Ambassador, Qld Young Australian of the Year & Disability Advocate
	Dr Libby Callaway, Senior Occupational Therapist, Monash University
	Topic:Revolutions in technology discovery and design for disability and rehabilitation
	The panel discussion will present various viewpoints on the revolutions in technology, in line with the symposium theme, 'discovery and design for disability and rehabilitation'. The panel will discuss the inclusiveness and equity of technology discoveries and new designs and how these are revolutionising the disability and rehabilitation fields.
1410-1500	Designing for Mobility and Participation - parallel session three, TRI Auditorium Chair: Mr Michael Deen, Metro South Health
	BEEHIVE Neurorehabilitation Lab Professor Heidi Zeeman, The Hopkins Centre, Menzies Health Institute Queensland
	Evaluating the effectiveness of on-road driving remediation following acquired brain injury: a wait-list feasibility study with follow-up Ms Louise Bassingthwaighte, <i>Metro South Health</i>



	Why start with the end in mind? A tool to help understand communication needs in the
	workplace
	Ms Kate Cameron, Acquired Brain Injury Transitional Rehabilitation Service, Division of Rehabilitation, Metro South Health
	"I am a whole person that happens to have an injury": The effectiveness of social prescribing as an intervention for people with work-related injuries and psychosocial difficulties
	Dr J.R. Baker, Primary & Community Care Services Limited
1410-1500	Designing Supports and Environments - parallel session four, seminar room
	Chair: Ms Kerrin Watter, Acquired Brain Injury Transitional Rehabilitation Service, Division of Rehabilitation, Metro South Health
	Designing the social environment for people with ABI in the community using communication partner training: A blueprint for social connection
	Ms Clare Morgan, Acquired Brain Injury Outreach Service (ABIOS), Division of Rehabilitation, Metro South Health, co-presenting with,
	Ms Sue Wright, STEPS Program, Division of Rehabilitation, Metro South Health
	Speech pathology management of adults with cognitive-communication disorders following traumatic brain injury: A mixed methods investigation
	Ms Crystal Kelly, Griffith University
	Effective pain management in everyday life: contextualising a model of peer support in the local context of persistent pain
	Dr Melissa Legg, The Hopkins Centre
	Establishing baseline measures of sleep and environmental factors impacting sleep for inpatients with an acquired brain injury
	Dr Ali Lakhani, The Hopkins Centre
1510–1530	Afternoon tea proudly sponsored by Clinical Excellence Queensland
1530–1615	Keynote Presentation, TRI Auditorium
	Designing sustainable healthcare environments in the 21st century
	Professor Marie Elf, Dalarna University, Sweden
1615–1640	Vision for Service System Design - TRI Auditorium
	Chair: Professor Timothy Geraghty, Medical Chair, Division of Rehabilitation, Metro South Health and Deputy Director, The Hopkins Centre
	Mr Lachlan Burg, Head of CTP Claims, RACQ Insurance
	Professor Louise Gustafsson, The Hopkins Centre & Professor of Occupational Therapy, Griffith University
1640–1700	Closing remarks and Awards, TRI Auditorium
1700	end



1700-1800

Research Poster Display

Meet and mingle (canapés and drinks will be provided)

Take your time to view the showcase of posters on display highlighting a wide range of topics from promoting positive environments, optimising service systems, through to enhancing engagement and developing sustainable frontline capacity. If you do not get the opportunity to view all the posters, check them out online following the event at www.hopkinscentre.edu.au/bibs2019.





EXPLORING BOLD IDEAS AND BETTER SOLUTIONS FOR THE FUTURE

BIBS events are attracting more and more interest each year as they allow opportunities to identify and progress interdisciplinary research. Read reviews from past participants and learn why hundreds of consumers, clinicians, researchers and industry representatives come to this annual symposium.

"Evidence based practice is critical.
Looking into new things and building evidence around it will help us take medicine and rehabilitation forward"



"Research brings credibility to rehabilitation with a focus on the rest of someone's life. It's not just about functionality or the few months after a person's accident"



"THC is just not talking about it anymore, they are really driving responsive research in person centred-care and community partnerships for people with catastrophic injury to have full lives"



"Credible evidence will help move rehabilitation to the frontier of medicine were we can integrate research results and translate into clinical practice to improve the lives of who we try to help"



"It is critical to bring stakeholders together. Bringing together ideas, experiences, discussions & planning to really make a difference together"



"Our research is in hospitals, in services, in education settings and the Symposium is a chance to share our work and break down silos"



"The advantage of bringing together researchers, people with disability and clinicians is that it draws in different ideas and creates innovation potential"



"Better evidence in rehabilitation will prevent harm, but will also target the real needs of people and allow us to get value for money"



Hear more from symposium attendees sharing their BIBS18 symposium highlights and research vision about why building credible evidence in rehabilitation is so important to all Australians, on our website at www.hopkinscentre.edu.au/bibs2018



KEYNOTE SPEAKER PROFESSOR MARIE ELF

Marie Elf, RN, is Professor of Nursing, Department of Nursing at Dalarna University and Department of Architecture at Chalmers University of Technology. Marie originally qualified as a nurse, receiving her PhD in architecture and has since worked across several academic settings within nursing, architecture and healthcare management, with the focus on architecture and its impact on patient health and well-being.

Marie's expertise is in healthcare architecture, older person's health and well-being, stroke care and person-centred care. Her research is focused on the healthcare environment (architecture) and how it influences people's health and well- being. She has developed an instrument that can be used for assessing the quality of residential care facilities for older persons. She is also involved in projects focused on the architecture in stroke care from hospital to the home environment.



Keynote abstract: Designing sustainable healthcare environments in the 21st century

Successful implementation of new methods and models of healthcare to achieve better patient outcomes and safe, person-centered care is dependent on the physical environment of the healthcare architecture in which the healthcare is provided. Thus, decisions concerning healthcare architecture are critical because it affects people and work processes for many years and requires a long-term financial commitment from society. In this presentation, I describe and suggest several strategies to promote shared-decision making when planning and designing new healthcare environments. I will discuss challenges observed in the literature and speak from my extensive experiences in the field of planning, designing healthcare environments and evidence-based design.

KEYNOTE SPEAKER PROCESSOR JACKIE LEACH SCULLY

Dr Jackie Leach Scully is Professor of Bioethics, and Director of the Disability Innovation Institute at the University of New South Wales, Sydney. A biomedical scientist by training, Jackie went on to help establish the first interdisciplinary bioethics institute at the University of Basel, Switzerland, and most recently was Executive Director of the Policy, Ethics and Life Sciences Research Centre at Newcastle University, UK. Jackie has lived experience of disability and disabling illness, and has been an activist for disabled people's rights for over 30 years.

Keynote abstract: Making innovation better: the promise and challenge of new discoveries for disability

New and ongoing discoveries in health technologies, including novel therapies and predictive or diagnostic technologies, have



the potential to revolutionise the lives of people with disabilities. No technology is without risks, however, and how a technology is researched, designed, implemented and regulated all have moral and ethical consequences for people with disabilities and society as a whole. In this keynote address I want to explore some of the inherent dangers in the uncritical embrace of new discoveries in disability and rehabilitation, and how we can 'make innovation better' for people with disabilities.

PANEL DISCUSSION - Revolutions in technology discovery and design

Session Facilitator: Kelly Higgins-Devine Bold Ideas better solutions on the ABC!

Kelly is a Journalist and evening presenter on ABC Brisbane radio show called, 'Reality TV or real people with real stories from all over Queensland, the choice is yours'. Kelly loves seeking out the ordinary in the extraordinary and the extraordinary in the ordinary and sharing the outcome with her evening radio listeners. She started her ABC career in 1999 after spending a number of years in commercial radio. Kelly has worked across most facets of broadcasting from reporting and news reading to presenting local radio programs. In 2004, Kelly was offered the Statewide Afternoons program where she loved being part of the Queensland conversation. She then kept Brisbane commuters up to date on the drive home for six years on Drive before returning to her home turf of Afternoons in 2012. In 2007 Kelly was named ABC Local Radio Broadcaster of the Year.



Invited Panellists

Angel Dixon is the 2019 QLD Young Australian of the Year & Advocate for people with disability. Angel's mission is to challenge society's perception of disability. The international Mercedes Benz Fashion Week model and THC Ambassador is a passionate activist for universal design and inclusion. Aware of the power that the media has in forming perceptions, Angel is the Advocacy Manager for not-for-profit organisation, Starting With Julius, and CEO of the Attitude Foundation. Both organisations seek to accelerate the inclusion of people with disability through the creation of authentic media and education on inclusive principals.



Libby Callaway is a registered occupational therapist (OT), and has worked for the past 25 years in the field of neurological rehabilitation in Australia and the USA. Since 1999, Libby has been the director and principal OT at Neuroskills, a community-based practice providing allied health services to people with neurological disability. Libby consulted to the National Disability Insurance Agency during development of the National Disability Insurance Scheme (NDIS) Specialist Disability Accommodation Framework and works with current and future NDIS participants on pre-planning and NDIS plan implementation.



Dr Jackie Leach Scully is Professor of Bioethics, and Director of the Disability Innovation Institute at the University of New South Wales, Sydney. A biomedical scientist by training, Jackie went on to help establish the first interdisciplinary bioethics institute at the University of Basel, Switzerland, and most recently was Executive Director of the Policy, Ethics and Life Sciences Research Centre at Newcastle University, UK. She has lived experience of disability and disabling illness and has been an activist for disabled people's rights for over 30 years.





DISCOVERY AND DESIGN IN DISABILITY AND REHABILITATION: A VISION FOR SERVICE SYSTEM DESIGN

MR LACHLAN BURG

Lachlan is the Head of CTP Claims at RACQ Insurance. He is an ANZIIF Certified Insurance Professional and Solicitor in the Supreme Court of Queensland. Previously, Lachlan has held other executive positions at RACQ as Head of Group Risk and Chief Risk Officer, Insurance.

RACQ is working with the Hopkins Centre in a partnership approach to ensure that research is driven by end-users and is translatable into claims management practices and systemic policy development.



PROFESSOR LOUISE GUSTAFSSON

Louise Gustafsson is an occupational therapy researcher with two main programs of research: TaPaS (Transitions and Participation after Stroke); and ROAMM (Restoring Occupations And coMMunity participation). TaPaS explores how changes to service models and therapy practices can enhance transitions and participation for people with stroke and their networks, and increasingly includes co-designed research that seeks to understand and improve aspects of the recovery experience as prioritised by people with stroke. ROAMM explores driving (disruption and cessation), alternate transport options, and travel for people with stroke and traumatic neurological injury to gain a rich understanding of personal, environmental and system influences whilst developing client-centred and evidence-based practices.







Images courtesy of the Bold ideas better solutions symposium 2018



SOME THC PROJECTS IN FOCUS



Singing Cords is a peer-led program to enhance breathing and voice control for people with spinal cord injuries. Developed by Tim McCallum, professional performer and singer, this volunteer program is becoming an integral part of rehabilitation, offering well-being and respiratory improvements during and after discharge from hospital.

HabiTec is a sociotechnical space for consumers, practitioners, developers and researchers to work together to develop and test rehabilitation tools and technologies that may promote independence and recovery. HabiTec aims to improve access to consumer-centric technological solutions.





TRaCE is tracking trajectories and outcomes from inpatient rehabilitation to the community for 12 months post-discharge. This research will provide vital evidence about services people access and where more are needed to achieve better outcomes for people living with spinal cord injury or brain injury, and their families.

Dignity is a social change project to build a more accepting and supportive community that protects the dignity of all people, especially those who rely on others to live well. Through the creative sharing of history and experience, Dignity is promoting respect and ensuring accessible environments.





Epidoros is a data matrix and geographical mapping platform that allows the integration of multiple datasets, all linked to a common spatial reference point for process mining, mapping and modelling disability in relation to services and environmental features.

Read more about our research projects online at www.hopkinscentre.edu.au/projects



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NIISQ Agency - National Injury Insurance Agency, Queensland

Phone 1300 607 566

Email enquiries@niis.qld.gov.auWeb www.niis.qld.gov.au

West Moreton Health

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Carter Newell Lawyers

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Web www.carternewell.com

Synapse - Australia's Brain Injury Organisation

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institute-queensland

Thank you for attending The Hopkins Centre Bold ideas better solutions 2019 symposium, 'Discovery and Design in Disability and Rehabilitation'. An electronic version of this document can be found at www.hopkinscentre.edu.au



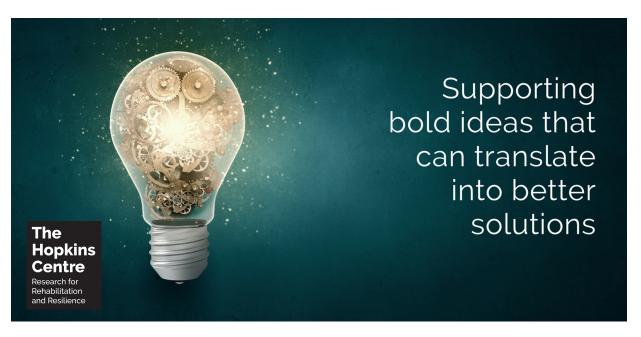


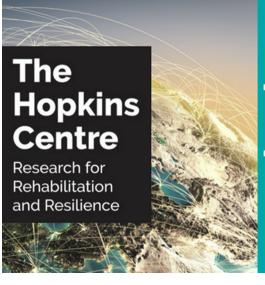
NIISQ has made my recovery journey easier. Knowing I have support and help with organising my rehabilitation and care decreases my stress.

- Chris, NIISQ participant



Find us at the symposium to learn more about Queensland's lifetime care and support scheme for people seriously injured in a motor vehicle accident.





contact us

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