Introduction to The Hopkins Centre
Our Namesake | Timeline | Highlights 2017 to June 2020

Affiliate and Project Partners
Health and Disability | Industry and Peaks | Universities

Research and Development
Model | Core Populations | Research Streams | R&D Focus

Our Leadership
Executive | Industry Advisory Group

Bold Ideas Better Solutions Symposium
BIBS | Collaboration

Our Projects
Consumer Led | Flagship Projects

Our Goals – The Next Five Years
Sustainable Funding | Flagship Initiatives | Chair MSHHS
Dr Paul Hopkins AO

Our namesake Dr Paul Hopkins AO was a rehabilitation physician who changed the face of rehabilitation in Queensland. Following a stroke, Dr Hopkins turned to rehabilitation medicine and pioneered person centered and interdisciplinary practice. Located here at Princess Alexandra Hospital, Dr Hopkins advocated tirelessly to protect the dignity of people with disabilities.
Timeline

National leaders in rehabilitation and severe disability research delivering practical solutions to improve recovery and resilience.

- **1990s**: Early Research
- **2000**: First Joint Grant
- **2006**: Embedded Researchers
- **2015**: First Joint Professor Appointed
- **2017**: The Hopkins Centre Established
- **2017**: MAIC $5.3m Grant
- **2020**: $10.15m in Grant Income
- **50 Clinicians Engaged in Projects**
The Hopkins Centre
Research for Rehabilitation and Resilience

502 Peer-Reviewed Publications 2017 - 2020
62 Peer-Reviewed Publications Jan - May 2020

12 Partners

10.15m Funded Research Grants

10 Ambassadors

50 Clinicians
12 Citizens Engaged in Research Projects
21 Seed Grants
50 Funded Research Projects

Membership 2017 to June 2020

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<thead>
<tr>
<th>Category</th>
<th>2017</th>
<th>2020</th>
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<tr>
<td>Total Research Centre Membership</td>
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<td>Academics</td>
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<td>Subscribers</td>
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Bold ideas. Better solutions.
Our Partners

Foundation partners
A joint initiative of the Division of Rehabilitation, Metro South Health, and Menzies Health Institute Queensland, Griffith University.

Principal partner

Affiliates

Project partners (a selection)
Health and Disability Organisations

Industry and Peaks

Universities
The Hopkins Centre **Embedded Model of Research** is building capacity and capability.

- Specialised Rehabilitation Professionals
- University Researchers
- Citizens with Lived Experience
- Government and Industry Funders

**Working Collaboratively within Health & Disability Services**

- Rapid translation of new models of multidisciplinary & consumer focused practice
- New data sets and evidence to inform service planning & policy
- Upskilled professionals aware & engaged in rehabilitation. Professionals better able to adopt & create evidence in practice
- Highly engaged end-users in research & service development
Specialising in Five Core Populations

1. Spinal Cord Injury
2. Brain Injury
3. Developmental Disabilities
4. Musculoskeletal Conditions & Pain
5. Chronic Health Conditions
Research Streams

Positive Environments and Communities
Spaces and places where people are at their best.

Therapeutic Interventions and Practices
Health interventions that people want and that work.

Policy, Governance and Service Systems
Policies and systems that deliver fairness and equality.
Research and Development Focus

- Interventions that people want and need
- Spaces and places where people are at their best
- Policies and systems that deliver fairness and equality
- Access & Transition
- Dignity & Consumer-led Change
- Positive Environments
- Mobility & Participation
- Research Programs
- Expertise
- Translation Projects, Clinical Fellowships & Contract Research
Our Leadership

EXECUTIVE

Professor Elizabeth Kendall
Executive Director

Professor Timothy Goraghty
Deputy Director

Professor Michele Foster
Research Director

Mr Kevin Cox AM DUniv
 Patron

Dr Susan O'Dwyer
Executive, Metro South Health

Mr Neil Singleton
Insurance Commissioner, Treasury

INDUSTRY ADVISORY GROUP

INDUSTRY ADVISORY GROUP...CONT'D

Professor Bonnie Barber
Dean Health Research
Griffith University

Ms Frances Porter
Business Manager
Spinal Life Australia

Mr Brett Lightfoot
National Director Industry
Microsoft

Dr Jennifer Cullen
CEO, Synapse Australia

Mr Andrew Johnson
General Manager, RACQ

Mr Andrew Hamilton
CEO Social Scaffolding
Hosted at the TRI Auditorium, our annual symposium attracts over 100 clinicians, who join researchers, people with disability, industry and community leaders to build capacity in rehabilitation in Queensland.
Collaboration

We bring together all the stakeholders in disability and rehabilitation at our annual flagship event **Bold Ideas Better Solutions Symposium** and create strong multidisciplinary, cross-sector partnerships that last.
Singing Cords:
Improving respiratory function and wellbeing through singing. “I always thought music and singing would play in some part of my life, but I never thought it would save my life. Through the practice and performance of singing, I have been able to remain vocally and physically healthy and subsequently, emotionally happy. I owe that to music. If the Singing Cords project can have that impact on just one other with a Spinal Cord Injury, it will be all worth it”.

Project Lead
Mr Tim McCallum – Vocal Coach & Singer

Funders
MAIC
Spinal Life AUSTRALIA
Technology is everywhere, but largely out of reach for people with severe disability. HabITec Labs at PAH and Griffith University are adapting existing technology to the needs of individuals in rehabilitation services. The team offer co-design processes for new and advanced technology solutions to ensure better design and potential for translation into specialist practice as well as virtual healthcare environments and homes.

**Project Leads**
Dr Camila Shirota, Research Lead, Menzies
Ms Soo Oh, Clinical Lead, Metro South Health

**Funders**
TRaCE Trajectories of Rehabilitation across Complex Environments

We know that timely access to a broad mix of services and supports are needed for people with acquired disability to live well. For the first time trajectories and outcomes from inpatient rehabilitation into the community and for the first 12 months post-discharge is being tracked. This research is providing vital evidence as to where services are currently available and where more are needed and help to achieve better outcomes for people with spinal cord and brain injury and their families.

Project Leads
Prof. Michele Foster, Menzies Health Institute
Prof. Timothy Geraghty, Metro South Health

Funders
Metro South Health
Improving integration of rehabilitation into the health sector and strengthening intersectoral links to effectively and efficiently meet population needs.

- a key action from the World Health Organisation Rehabilitation 2030 A Call for Action
The Dignity Project

Aiming to disrupt stereotypes, The Dignity Project brings citizen scientists together with clinicians and researchers to better understand individual experiences to inform practices and policies in rehabilitation, health, disability, employment, transport, education and other aspects of people’s lives.

Project Leads
Prof. Elizabeth Kendall, Project Leader
Ms Kelsey Chapman, Principal Investigator
Ms Angel Dixon, Citizen Researcher

Funders

Office of the Queensland Chief Scientist
Nutrition Prescription:
Healing pressure injuries in spinal cord injury

This research will provide vital information to help ensure people with SCI undergoing surgery to fix pressure injuries receive the right amount of nutrition to help the healing process.

Pressure injuries (or pressure sores) are a common complication of spinal cord injury (SCI).

Project Leads
Ms Amy Nevin, Dietitian
Division of Rehabilitation, Metro South Health

Funders
Breath Easy: 
Mouthpiece ventilation in early recovery

When used as part of an overall respiratory strategy, mouthpiece ventilation (MPV) was a helpful technique to improve breathing in the early phase after SCI for people in intensive care. Used interchangeably with other non-invasive supports, the research suggests that MPV may have a role to play in improving the quality of life of patients in recovery and reducing their risk of extubation failure. The team is working towards a larger trial study.

Project Leads
Ms Brooke Wadsworth, Senior Physiotherapist
Division of Rehabilitation, Metro South Health

Funders
Vocational Rehabilitation For People With Acquired Brain Injury

Within Queensland, there is no set model or framework to guide the provision of early interdisciplinary vocational rehabilitation. The ABI Transitional Rehabilitation Service has developed an evidence-based, multidisciplinary framework to deliver early ABI vocational rehabilitation to clients, utilising information from consumers, health professionals and the current evidence base.

Project Leads
Ms Kerrin Watter, Clinical Lead, Metro South Health

Funders
The Hypertonicity Hub: Improving muscle tone in brain injury

Up to 42% of people experience hypertonicity (muscle over-activity) after brain injury.

This study will help people with brain injury and Hypertonicity (spasticity), particularly those who live outside Brisbane, by determining the best ways that the Brisbane-based specialist team at Princess Alexandra Hospital can work with local clinicians.

Project Lead
Ms Catherine Cave, Metro South Health

Funders
READY Study:
Readying hospitalised patients with disability who need NDIS supports for discharge

The READY study is investigating how NDIS processes are impacting on the discharge of people with spinal cord injury and brain injury from hospital rehabilitation units particularly whether discharge from hospital is being delayed and why. Based within Metro South Health, this 18-month project with 224 participants utilises administrative data to examine the NDIS pathway in relation to discharge expectations.

Project Leads
Prof. Michele Foster, Menzies Health Institute

Funders
Our Goals: The Next Five Years

- **Sustainable funding** for the Centre beyond investment from the Motor Accident Insurance Commission & project funding
- **Consolidation of expertise** focussed through our Flagship initiatives:  
  - HabITec: Technology enablement  
  - Guardian: Service access & trajectories  
  - Dignity: Living well & building resilience
- **Establishment** of a Chair of Rehabilitation Medicine (Clinical and Research) position at MSHHS
- **Establishing The Hopkins Centre** as the Centre of Excellence for Rehabilitation and Disability in Queensland