

The Hopkins Centre

Research for
Rehabilitation
and Resilience

**Bold ideas.
Better solutions.**



A joint initiative of



Metro South Health



Queensland
Government

Topics

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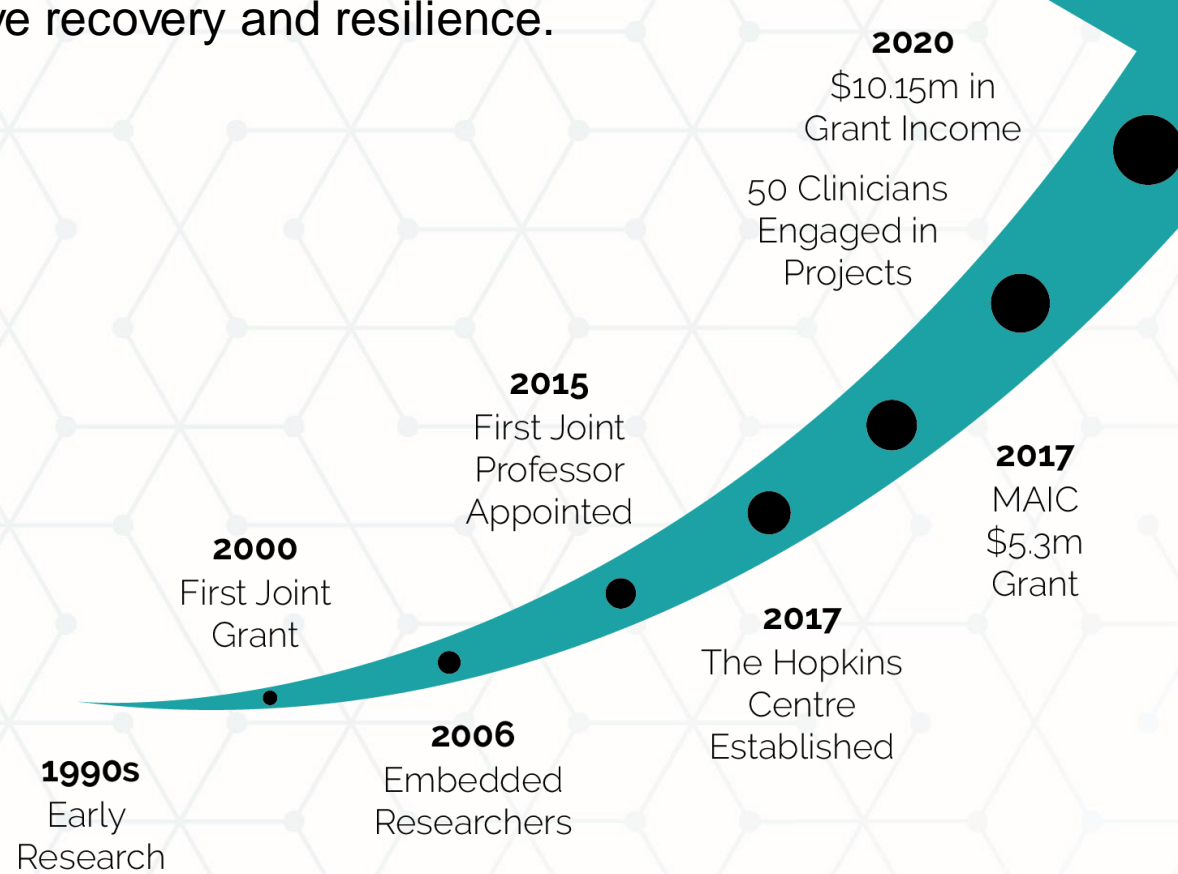
Dr Paul Hopkins AO

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.



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

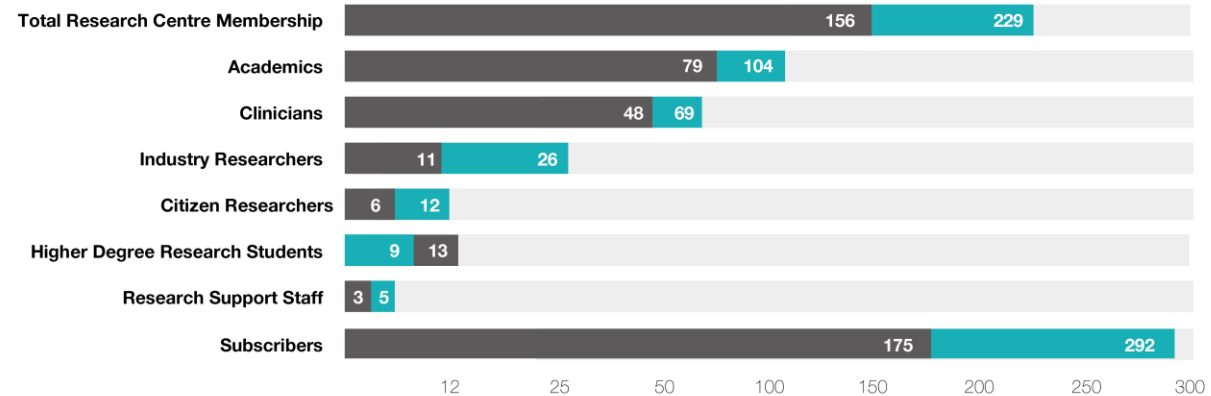


21
Seed Grants



50
Funded
Research Projects

Membership 2017 to June 2020



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.



Metro South Health



Principal partner



Affiliates



Gold Coast Health

Project partners (a selection)

Health and Disability Organisations



West Moreton Health

The Prince Charles Hospital

Industry and Peaks



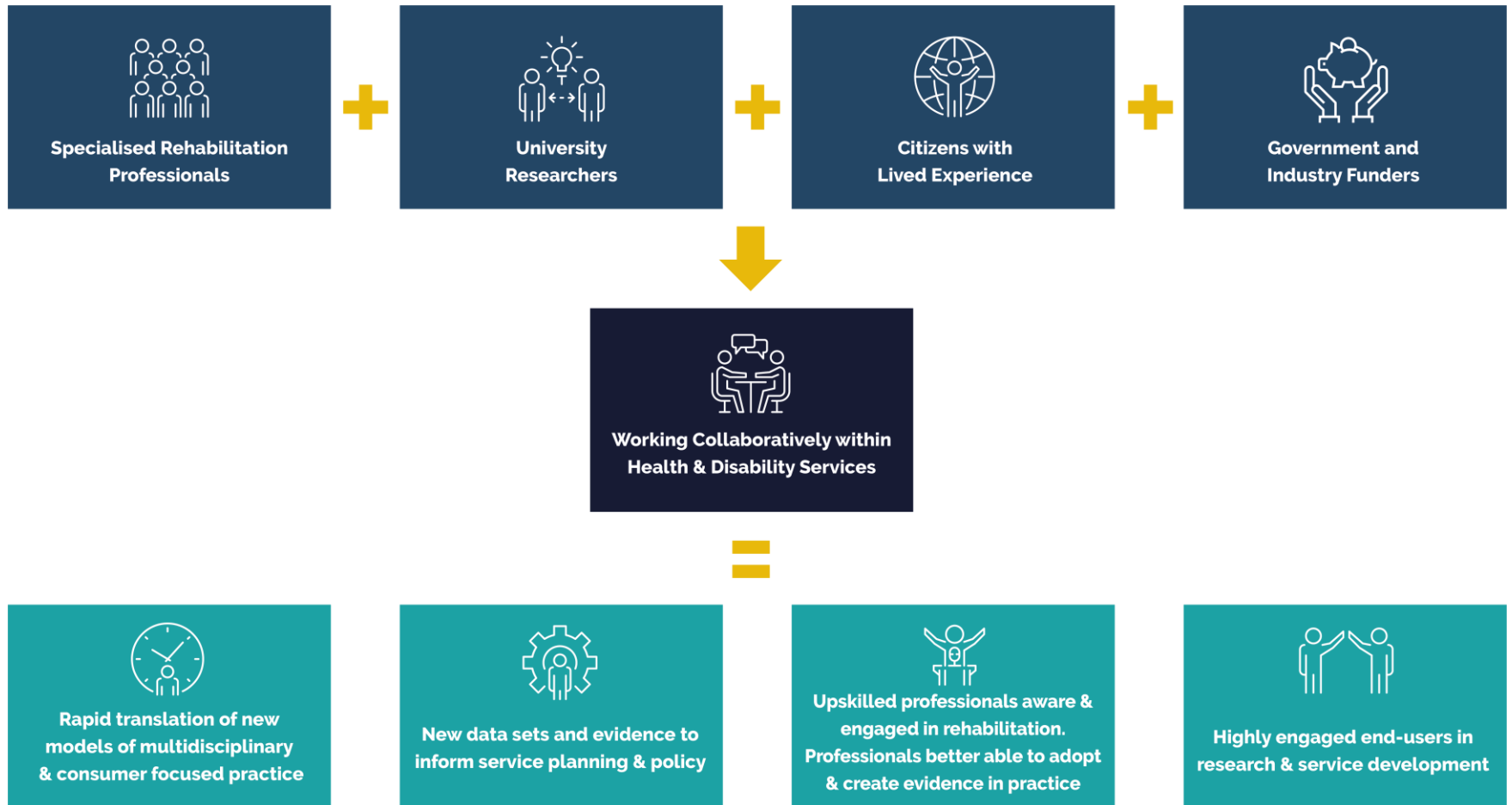
Universities



THE UNIVERSITY OF BRITISH COLUMBIA

Model of Research

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



Specialising in Five Core Populations



Research Streams



Positive Environments and Communities

Spaces and places
where people are
at their best.



Therapeutic Interventions and Practices

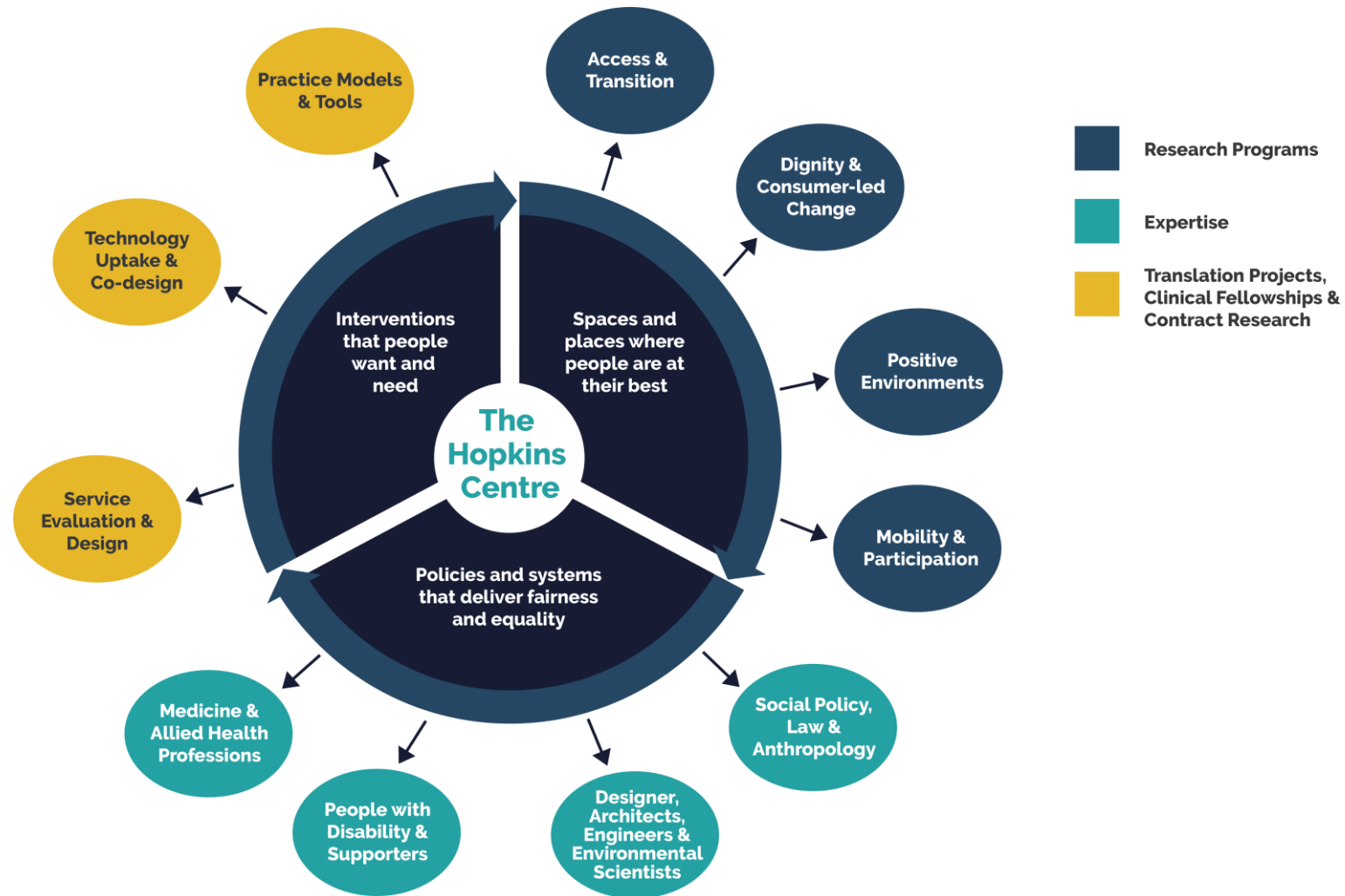
Health interventions
that people want
and that work.



Policy, Governance and Service Systems

Policies and systems
that deliver fairness
and equality.

Research and Development Focus



Our Leadership

EXECUTIVE



Professor Elizabeth Kendall
Executive Director



Professor Timothy Geraghty
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...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



Bold Ideas Better Solutions (BIBS) Symposium

- 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.



Consumer-led Research into therapies that work:

Singing Cords:

To enhance breathing, voice and wellbeing

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



HabITec

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



The Dignity Project



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