



# HERSTON HEALTH PRECINCT SYMPOSIUM 2024

2–4 September 2024  
RBWH Education Centre

## The Power of Partnership

**Metro North**  
Health



**Queensland**  
Government

# WELCOME

**On behalf of the Symposium Steering Committee, it is our pleasure to release the program for the 2024 Herston Health Precinct Symposium!**

The theme of this year's Symposium is "the Power of Partnership" and the aim of this three-day event is to showcase and celebrate research excellence on the Herston campus that embodies the Metro North research mission: *Together we deliver exceptional health outcomes through globally recognised discovery and translation.*

This year we received over 180 abstract submissions and are pleased to feature as many of these as possible in the oral presentation sessions co-chaired by our Herston Health Precinct partners, and in the poster gallery and networking sessions in the early afternoon.

The Symposium also features invited presentations, consumer researcher and clinician-scientist perspectives, a panel discussion on research pathways and institute tours. The Great Debate returns this year with a perpetual trophy designed by the Herston Biofabrication Institute. During the Symposium network sessions, we will be treated to music from the Stairwell Project musicians. Elwyn Henaway (Gungu) will set the scene for the Symposium with a special didgeridoo performance. The culmination of the Symposium

is a keynote presentation by Professor Elizabeth Powell, Clinical Director, QIMR Berghofer, and an award ceremony with a total of 8 awards up for grabs this year.

Thank you to the 2024 Herston Health Precinct Symposium sponsors, partners and steering committee for making this event possible.

We look forward to welcoming you to this annual research event!



**Associate Professor Joel Dulhunty**  
A/Director of Research,  
Royal Brisbane and Women's Hospital, Metro North Health  
*Co-Chair, Symposium Steering Committee*



**Susan Taylor**  
Research Coordinator,  
RBWH Research Services  
*Event planning and Co-Chair, Symposium Steering Committee*



**Leah Svenson**  
Executive Support Officer,  
RBWH Research Services  
*Event planning and Secretariat, Symposium Steering Committee*

## 2024 Herston Health Precinct Symposium Steering Committee:

Loretta Atkinson, Gillian Bertram, Allison Brown, Gwenda Chapman, Daniel Colasimone, David Copland, Anja Christoffersen, Tania Crough, Mathilde Desselle, Susan de Jersey, Joel Dulhunty, Julia Hocking, Maxine Hooper, Rachel Kavanagh, Jeffrey Lipman, Roxanne Machen, Silvia Manzanero, Nicole Marsh, Claire McCafferty, Elizabeth McCourt, Leah Milburn-Walker, Stephanie Miller, Marty Molloy, Kylie Mueller, Becca Murray, Sabrina Oishi, Elizabeth Powell, Marita Prior, Alek Thompson, Chris Shannon, Kirsten Spann, Leah Svenson, Susan Taylor and Dale Trevor.

# MONDAY 2 SEPTEMBER 2024

Education Centre, Royal Brisbane and Women's Hospital

[VIEW WEBINAR HERE](#)

TIME	SESSION	PRESENTER
8.30am – 9.00am	<b>COFFEE AND NETWORKING</b>	Didgeridoo performance from 8.45 am by <b>Elwyn Henaway (Gungu)</b> , Cultural Capability Officer, Redcliffe Hospital
<b>SESSION ONE</b>	This session is brought to you by Royal Brisbane and Women's Hospital (RBWH) and Herston Imaging Research Facility (HIRF) <b>Session Chairs: Anja Christoffersen</b> , Consumer Researcher, RBWH / Metro North Health, and <b>Professor Graham Galloway</b> , Director, HIRF	
9:00am - 9:15am	<b>Acknowledgement of Country, Welcome and Opening Remarks by Session Chairs</b>	<b>Geoffrey Binge</b> , Cultural Capability Officer, RBWH <b>Anja Christoffersen</b> , Consumer Researcher, RBWH / Metro North Health
9.15am – 9.25am	<b>Consumer Roundtable: Bringing researchers to the consumer table</b>	<b>Jo Maxwell</b> , Consumer Engagement in Research Project Officer, Faculty of Medicine, UQ <b>Anja Christoffersen</b> , Consumer Researcher and CEO, Champion Health Agency
9.25am – 9.35am	<b>CSIRO-QUT Partnership in developing a fully automated wearable ultrasound imaging platform</b>	<b>Dr Maria Antico</b> , CSIRO Early Research Career Postdoctoral Fellow
9.35am – 9.45am	<b>Co-design, development, and evaluation of an immersive virtual reality therapy tool for communication rehabilitation</b>	<b>Dr Clare Burns</b> , Advanced Speech Pathologist and Research Coordinator, Speech Pathology and Audiology Department, RBWH
9.45am – 9.55am	<b>Establishing consensus for healthcare-associated infection surveillance across Queensland: A Delphi study</b>	<b>Dr Jessica Schults</b> , Conjoint Senior Research Fellow, UQ School of Nursing, Midwifery and Social Work, and Herston Infectious Disease Institute
9.55am – 10.05am	<b>What does propa collaborative design of a persistent pain service for mob really look like?</b>	<b>Dr Jen Setchell</b> , Senior Researcher (Qualitative), Data and Research, Institute for Urban Indigenous Health
10.05am – 10.15am	<b>Improving information provision and shared-care planning in Kidney Supportive Care: A consumer engagement project</b>	<b>Jenny Kirby</b> , Social Worker Advanced, The Prince Charles Hospital <b>Laura Austin</b> , Kidney Supportive Care Clinical Nurse Consultant, Kidney Health Service, RBWH
10.15am – 10.35am	<b>MORNING TEA</b>	<b>Stairwell Project musicians</b>
<b>SESSION TWO</b>	This session is brought to you by Queensland University of Technology (QUT) and Stryker <b>Session Chairs: Dr Yizhuo Wang</b> , Postdoctoral Research Fellow, Infectious Diseases, QUT, and <b>Dr Julia Hocking</b> , Manager, Funding and Research Partnerships, Stryker	
10.35am – 10.40am	<b>Opening Remarks by Session Chairs</b>	
10.40am – 10.50am	<b>Harnessing the potential of genomics in inflammatory disorders</b>	<b>Professor Tony Kenna</b> , Faculty of Health, School of Biomedical Sciences, QUT
10.50am – 11.00am	<b>Research collaboration in an open innovation ecosystem: Establishing the Stryker R&amp;D Lab at the Herston Health Precinct</b>	<b>Dr Julia Hocking</b> , Manager, Funding and Research Partnerships, Stryker

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# MONDAY 2 SEPTEMBER 2024

Education Centre, Royal Brisbane and Women's Hospital

TIME	SESSION	PRESENTER
11.00am – 11.10am	Testing the feasibility of a smartphone application for collecting data on occupational violence exposure among nurses	<b>Professor Jed Duff</b> , QUT/RBWH Joint Professor of Nursing, Implementation Science, Nursing and Midwifery Research Centre, RBWH
11.10am – 11.20am	One-year evaluation of the Metro North Adolescent and Young Adult Kidney Clinic	<b>Lorraine Garry</b> , Transplant Clinical Nurse Consultant, RBWH <b>Alexandra Cation</b> , Project Manager Kidney Health Service, RBWH
11.20am – 11.30am	Cyclic host-defense peptides kill proliferative, non-proliferative and drug-resistant melanoma cells without inducing resistance	<b>Dr Aurélie Benfield</b> , Postdoctoral Researcher, Peptide Therapeutics and Membrane Biology Research Group, QUT
11.30am – 11.40am	Defining the infectome: Total RNASeq metagenomics for rapid diagnosis and characterisation of severe infections at RBWH	<b>Dr Krispin Hajkowicz</b> , Senior Staff Specialist, Infectious Diseases, RBWH
11.40am – 11.50am	The Stairwell Project Story	<b>Christa Powell</b> , Creative Director, Topology
11.50am – 12.00pm	<b>BREAK</b>	<b>Stairwell Project musicians</b>
12.00pm – 1.00pm	<b>PANEL DISCUSSION</b> <b>Innovative research pathways for clinicians and consumers</b>  <b>Chair: Peter Buttrum</b> , Acting Executive Director, Women's and Newborn Services, RBWH	<b>PANEL MEMBERS:</b> <b>Professor Steven Lane</b> , Executive Director of Research, Metro North Health <b>Dr Andrew Foster</b> , Clinical Research Fellow, Jamieson Trauma Institute <b>Dr Nicole Gavin</b> , Nursing and Midwifery Director of Research, Royal Brisbane and Women's Hospital <b>Dr Clare Burns</b> , Advanced Speech Pathologist and Research Coordinator, RBWH, and Metro North Health Clinician Research Fellow <b>Professor Jason Roberts</b> , Director, University of Queensland Centre for Clinical Research, and Interim Director, Herston Infectious Diseases Institute <b>Anja Christoffersen</b> , Consumer Researcher, RBWH / Metro North Health
1.00pm – 2.00pm	<b>NETWORKING LUNCH AND POSTER PRESENTATIONS</b>	
2.00pm – 3.00pm	<b>Institute Tours</b> (booking required) <b>(1) University of Queensland Centre for Clinical Research and Herston Imaging Research Facility</b> <b>(2) Surgical Treatment and Rehabilitation Service</b>	<a href="#">CLICK HERE TO BOOK</a>

# TUESDAY 3 SEPTEMBER 2024

Education Centre, Royal Brisbane and Women's Hospital

[VIEW WEBINAR HERE](#)

TIME	SESSION	PRESENTER
8.30am – 9.00am	COFFEE AND NETWORKING	Stairwell Project musicians
<b>SESSION ONE</b>	This session is brought to you by the Jamieson Trauma Institute (JTI) and the Surgical Treatment and Rehabilitation Service (STARS) <b>Session Chairs: Dr Tanya Smyth</b> , JTI Research Fellow, and <b>Professor David Copland</b> , Co-Director of the STARS Education and Research Alliance	
9:00am - 9:15am	<b>Acknowledgement of Country and Opening Remarks by Session Chairs</b>	
9.05am – 9.15am	<b>Community opioid dispensing after injury (CODI)</b>	<b>Professor Cate Cameron</b> , Principal Research Fellow, JTI
9.15am – 9.25am	<b>From documents to digital: Co-design nutrition videos to improve patient care</b>	<b>Hannah Olufson</b> , Senior Dietitian, Surgical Treatment and Rehabilitation Service (STARS)
9.25am – 9.35am	<b>Co-design and evaluation of an e-health intervention for surgery preparation and recovery: My surgical pathway</b>	<b>Cory Williams</b> , CNC Service Improvement and Innovation, Surgical and Perioperative Services, RBWH
9.35am – 9.45am	<b>Efficacy of single versus split dose enoxaparin post elective endovascular neuro-intervention in prevention of thromboembolic events: A single-site randomised controlled trial EPICCS II</b>	<b>Dr Krishna Pranathi Settipalli</b> , Research Senior House Officer, Department of Medical Imaging, RBWH
9.45am – 9.55am	<b>Beyond conventional biopsies: The promise of salivary miRNAs in the diagnosis and prediction of oral cancer</b>	<b>Jaikrishna Balakittnen</b> , PhD Candidate, Institute for Biomedicine and Glycomics, Griffith University
9.55am – 10.05am	<b>Neonatal skin injury measurement: A prognostic and feasibility trial</b>	<b>Dr Deanne August</b> , Post doctoral Fellow, Paediatric Nursing and Patient Safety, UQ
10.05am – 10.15am	<b>How good was your meal? Partnering with consumers to improve the quality of hospital food</b>	<b>Dale Trevor</b> , Consumer Researcher, RBWH / Metro North Health
10.15am – 10.35am	MORNING TEA	Stairwell Project musicians
<b>SESSION TWO</b>	This session is brought to you by QIMR Berghofer Medical Research Institute and CSIRO <b>Session Chairs: Professor Grant Ramm</b> , Deputy Director, QIMR Berghofer, and <b>Dr David Hansen</b> , CEO and Research Director of the Australian e-Health Research Centre (AEHRC), CSIRO	
10.35am – 10.40am	<b>Opening Remarks by Session Chairs</b>	
10.40am – 11.00am	<b>Queensland Aging and Dementia Study (QADS)</b>	<b>Dr Jurgen Fripp</b> , AEHRC Group Leader, Biomedical Informatics, CSIRO <b>Associate Professor Michelle Lupton</b> , Team Head, Neurogenetics and Dementia, QIMR Berghofer

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# TUESDAY 3 SEPTEMBER 2024

Education Centre, Royal Brisbane and Women's Hospital

TIME	SESSION	PRESENTER
11.00am – 11.10am	<b>Advanced neonatal brain MRI and EEG for prediction of neurodevelopmental outcomes</b>	<b>Dr Kerstin Pannek</b> , Senior Research Scientist, AEHRC, Health and Biosecurity, CSIRO, and Senior Research Fellow, Queensland Digital Health Centre, School of Electrical Engineering and Computer Science, UQ <b>A/Professor James Roberts</b> , Group Leader, Brain Modelling Group, QIMR Berghofer
11.10am – 11.20am	<b>Securing endotracheal tubes safely and accurately in tiny patients (SIGNATURE)</b>	<b>Dr Melissa Lai</b> , Senior Staff Specialist, Neonatology, RBWH <b>Jackie Clement</b> , Clinical Nurse Coordinator, Intensive Care Nursery, RBWH
11.20am – 11.30am	<b>MOVIN in ICU: An observational study of mobilisation on vasopressors &amp; inotropes in intensive care</b>	<b>Elise Byrne</b> , Senior Physiotherapist, RBWH
11.30am – 11.40am	<b>ePINO: Study protocol of the Early Predictors of Infant Neurodevelopmental Outcomes study, part of the Cerebral Palsy Synergy Program</b>	<b>Dr Lisa Hong</b> , Honorary Researcher, RBWH
11.40am – 11.50am	<b>Accelerating precision medicine: unveiling the power of HNSCC tumouroids for rapid drug testing</b>	<b>BMW Thilini Basnayake</b> , PhD Candidate, Institute for Biomedicine and Glycomics, Griffith University
11.50am – 12.00pm	<b>BREAK</b>	<b>Stairwell Project musicians</b>
12.00pm – 1.00pm	<b>THE GREAT DEBATE:</b> <b>Quantitative research is better than qualitative</b>  <b>Chair: Professor Leonie Callaway</b> , Executive Director, Women, Children and Families Clinical Stream, Metro North Health, and Director of Research, Women's and Newborn Services, RBWH	<b>AFFIRMATIVE TEAM: Associate Professor Angela Watson</b> , Motor Accident Insurance Commission Principal Research Fellow, QUT <b>Professor Adrian Barnett</b> , School of Public Health and Social Work, QUT <b>NEGATIVE TEAM: Professor Jed Duff</b> , QUT/RBWH Joint Professor of Nursing, Implementation Science, Nursing and Midwifery Research Centre, RBWH <b>Associate Professor Susan de Jersey</b> , A/Principal Research Fellow, Centre for Allied Health Research, RBWH
1.00pm – 2.00pm	<b>NETWORKING LUNCH AND POSTER PRESENTATIONS</b>	<b>Stairwell Project musicians</b>
2.00pm – 3.00pm	<b>Institute Tours</b> (booking required) <b>(1) QIMR Berghofer Medical Research Institute</b> <b>(2) Stryker/Herston Biofabrication Institute</b>	<a href="#">CLICK HERE TO BOOK</a>

[VIEW WEBINAR HERE](#)

TIME	SESSION	PRESENTER
8.30am – 9.00am	<b>COFFEE AND NETWORKING</b>	Stairwell Project musicians
<b>SESSION ONE</b>	This session is brought to you by the University of Queensland Centre for Clinical Research (UQCCR) and Herston Infectious Diseases Institute (HeIDI) <b>SESSION CHAIRS:</b> Professor Jason Roberts, Director, UQCCR, and Interim Director, HeIDI, and Professor Claire Rickard, Conjoint Professor, Infection Prevention and Vascular Access, HeIDI and UQ School of Nursing, Midwifery and Social Work	
9.00am – 9.05am	<b>Acknowledgement of Country and Opening Remarks by Session Chairs</b>	
9.05am – 9.15am	<b>The Beta-Lactam Infusion Group (BLING) program of research</b>	<b>Dr Hafiz Abdul-Aziz</b> , Research Fellow, UQCCR
9.15am – 9.25am	<b>Future Herston: Next steps for the Herston Health Precinct</b>	<b>Adjunct Professor Jane Hancock</b> , Chief Operating Officer, Metro North Health
9.25am – 9.35am	<b>Effect of artificial intelligence on adenoma and polyp detection rate in a real world, non-randomised setting</b>	<b>Dr Timothy O’Sullivan</b> , Staff Specialist, RBWH
9.35am – 9.45am	<b>Impact of non-steroidal anti-inflammatory drug administration on neurodevelopmental outcomes in small for gestational age neonates</b>	<b>Dr Julie Wixey</b> , Senior Research Fellow, UQ
9.45am – 9.55am	<b>Enhancing saliva management practices for patients attending the RBWH Motor Neurone Disease Clinic</b>	<b>Dr Shana Taubert</b> , Advanced Speech Pathologist, RBWH
9.55am – 10.05am	<b>Potential impact of adopting a probability adjusted d-dimer threshold for the investigation of suspected pulmonary embolism</b>	<b>Associate Professor Kevin Chu</b> , Staff Specialist, Emergency and Trauma Centre, RBWH
10.05am – 10.15am	<b>Predicting central line-associated bloodstream infection (CLABSI)</b>	<b>Dr Jessica Rahman</b> , Postdoctoral Research Fellow, Australian e-Health Research Centre, CSIRO <b>Dr Jessica Schults</b> , Conjoint Senior Research Fellow, UQ School of Nursing, Midwifery and Social Work, and HeIDI
10.15am – 10.35am	<b>MORNING TEA</b>	Stairwell Project musicians
<b>SESSION TWO</b>	This session is brought to you by the Comprehensive Breast Cancer Institute (CBCI) and Herston Biofabrication Institute (HBI) <b>Session Chairs:</b> Professor Owen Ung, Director, CBCI, and Mathilde Desselle, General Manager, HBI	
10.35am – 10.40am	<b>Opening Remarks by Session Chairs</b>	
10.40am – 11.00am	<b>Partnerships in next-generation extracellular vesicle therapeutics</b>	<b>Associate Professor Joy Wolfram</b> , Principal Research Fellow, School of Chemical Engineering, Faculty of Engineering, Architecture and Information Technology, UQ
11.00am – 11.10am	<b>Development of novel bone scaffold structure to enhance bone in-growth</b>	<b>Kirandeep Singh</b> , PhD Student, School of Mechanical and Mining Engineering, UQ

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# WEDNESDAY 4 SEPTEMBER 2024

Education Centre, Royal Brisbane and Women's Hospital

TIME	SESSION	PRESENTER
11.10am – 11.20am	Pre-empting intra-operative hypotension and hypertension: 5-minute forecasting with novel deep learning model, temporal fusion transformer	Richard Dunlop, Medical Student, UQ
11.20am – 11.30am	A journey through low energy diets in adults with kidney disease: insights from the SLOW CKD feasibility study	Marguerite Conley, Senior Kidney and Research Dietitian, Princess Alexandra Hospital, and PhD Candidate, QUT Associate Professor Helen MacLaughlin, Conjoint Associate Professor / Advanced Clinician Researcher, RBWH
11.30am – 11.40am	Anti-seizure medication screening in epilepsy patient-derived brain organoids	Dr Selin Pars, Postdoctoral Researcher, Australian Institute for Bioengineering and Nanotechnology, UQ
11.40am – 11.50am	A randomised, dose escalated, double-blind placebo-controlled trial of medicinal cannabis for the palliation of symptoms of advanced cancer	Dr Alison Kearney, Clinical Director of Palliative and Supportive Care, RBWH
11.50am – 12.00pm	<b>BREAK</b>	<b>Stairwell Project musicians</b>
12.00pm – 12.05pm	Acknowledgement of Country and Opening Remarks by Session Chairs	Associate Professor Joel Dulhunty, A/Director of Research, RBWH and Professor Nicole Marsh, Nursing and Midwifery Director of Research, RBWH
12.05pm – 12.30pm	<b>KEYNOTE PRESENTATION:</b> Aspiring clinician-researchers – the Herston Health Precinct needs you!	Professor Elizabeth Powell, Clinical Director, QIMR Berghofer
12.30pm – 1.00pm	<b>AWARD CEREMONY</b> Early Career Research Award Higher Degree Research Award Best Translational Research Award Best Clinical Research Award Best Discovery & Innovation Research Award Allied Health Research Award Nursing and Midwifery Research Award Consumer Partnership Research Award	
1:00pm - 1:10pm	Closing Remarks	Louise Oriti, Executive Director, RBWH, and Adjunct Professor Jackie Hanson, Chief Executive, Metro North Health
1.10pm - 2:00PM	<b>NETWORKING LUNCH</b>	
2:00PM	<b>SYMPOSIUM CONCLUDES</b>	







Thank you for attending

# HERSTON HEALTH PRECINCT SYMPOSIUM 2024

## The Power of Partnership

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