Townsville Health Research Showcase

11th – 13th October 2021

Recordings and Posters available online

Keynote Speaker
Alfred Deakin Professor
Alison Hutchinson
Professor of Nursing & Director, Centre for Quality and Patient Safety Research, Institute for Health Transformation, Deakin University
12th October 12.00pm

Daily Abstract Sessions
Use links in this program to join via Microsoft Teams

Building Bridges 2012 - 2021
Townsville Health Research Symposium 10th Anniversary

For more information
Visit http://thrs.qh.digital/ or Email: TSV-Research-Week@health.qld.gov.au
Alfred Deakin Professor Alison Hutchinson is Professor of Nursing in the School of Nursing and Midwifery at Deakin University, Director of the Centre for Quality and Patient Safety Research in the Institute for Health Transformation at Deakin University, and holds a Chair in Nursing at Monash Health. Her primary research interest centres on improving care through knowledge translation. As Director of the Centre for Quality and Patient Safety Research she provides strategic direction for the Centre, comprising more than 40 scholars undertaking research in the areas of patient safety, patient experience and workforce development.

In 2019, in recognition of her sustained contribution to nursing research, Professor Hutchinson was awarded the title of Alfred Deakin Professor, which is the highest honour Deakin University can bestow upon a member of the academic staff. In July 2021 she was inducted into the Sigma International Nurse Researcher Hall of Fame.

Professor Hutchinson is internationally recognised for her implementation science/knowledge translation research and is an Associate Editor for journals, ‘Implementation Science’ and ‘Implementation Science Communications’. She has attracted competitive research funding from a range of funding bodies.

She has the distinction of being one of only a few Australian nurses to have successfully completed a formal postdoctoral fellowship program overseas, having trained as a Postdoctoral Fellow at the University of Alberta, Canada. Professor Hutchinson received a national fellowship in knowledge translation award from the Canadian Institutes of Health Research (CIHR) and a provincial fellowship award from Alberta Heritage Foundation for Medical Research (now Alberta Innovates).

With more than 145 publications, she has co-authored several book chapters and has published widely in international peer-reviewed journals. Professor Hutchinson has supervised to completion 10 doctoral and 11 master’s students and has also provided mentorship for 5 postdoctoral fellows.
Monday 11th October Program

Scientific Writing for Publication
Free Workshop

Venue: Online workshop 8:00am to 12:30pm

Ask an Expert Session
Online event only
12:30pm to 13:30pm

Would you like to learn about several different types of research in one, short session? Experts in different research areas and approaches will be on available in online breakout rooms to answer questions over between 12:30pm and 13:30pm on Monday 11th October 2021. Attendees will be encouraged to move between several expert stations to get a feel for different research approaches and tools, such as:

- Clinical trials research and biostatistics
- Lab-based discovery science
- Health policy and systems research
- Qualitative and mixed methods research
- Literature reviews and library services
- Health economics

The focus in the session will be on the kinds of problems and questions that can be addressed by the different approaches and tools, as well as on opportunities to learn more and collaborate. Just grab your lunch and come for a chat! Non-researchers and researchers at all levels of experience and from all clinical and non-clinical disciplines are welcome! No RSVPs are required.

Mini-Oral Presentations

Event recording – Click here
14:00pm to 15:00pm

Extra-terrestrial applications of the MR-linear accelerator
Tim Squire

Fibrinogen Early in Severe Trauma study (FEISTY): results from an Australian multi-centre, randomised controlled, pilot trial.
Melita Trout

Statewide Physiotherapy Continence Service utilising Digital Technology
Sarah Myles

Self-assessment tools for assessing cultural competency: A rapid review of literature
Ziheng (Calvin) Xu

Non-antimicrobial adjuvant therapy using ticagrelor reduced biofilm related Staphylococcus aureus prosthetic joint infections.
Narayan Pant

A retrospective cohort study of congenital Cytomegalovirus (CMV) infection in a single center Australian neonatal cohort
Ridmee Maheesha Seneviratne

Building Bridges 2012 - 2021
Townsville Health Research Symposium 10th Anniversary
Tuesday 12th October Program

Translating evidence into practice – tips and strategies for success
Free Workshop
Alfred Deakin Professor Alison Hutchinson
Venue: Online workshop 8:00am to 11:30am

Opening Address and Keynote Speech
Alfred Deakin Professor Alison Hutchinson
Lecture recording – Click here 11:45am to 13:00pm

Building Bridges - 13:00pm to 16:15pm
Providing Safe, Efficient, Effective, and Sustainable Services & Leading Excellence and Innovation
Session recording – Click here

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenter</th>
<th>Topic</th>
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<tbody>
<tr>
<td>13:00pm</td>
<td>Peak Wall Stress as a prognostic indicator of Abdominal Aortic Aneurysm rupture risk</td>
<td>Tejas P. Singh</td>
<td>Choosing the best diabetes-related foot ulcer scoring system in clinical practice.</td>
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<td>Pharmacist-led education to final year medical students: A pilot study.</td>
<td>Sophie Mokrzecki</td>
<td>&quot;A bit on the nose&quot; but important to know: a study of clinicians' knowledge, practices, and perceptions of Clostridioides difficile.</td>
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<td>A cluster of Burkholderia pseudomallei following a flood event: genomic characterisation using novel nanopore sequencing.</td>
<td>Stephanie Hendry</td>
<td>15:15pm Break</td>
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<td>13:45pm</td>
<td>&quot;Striving Deadly&quot;: Extending psychosocial care for young people with burns in North Queensland.</td>
<td>Debra Phillips</td>
<td>Application of a clinical framework to map speech pathology service capabilities and potential cost savings to enhance head and neck cancer care in regional areas.</td>
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<td>14:00pm</td>
<td>Men’s preferences for image-guidance in prostate radiation therapy: a discrete choice experiment</td>
<td>Amy Brown</td>
<td>Evaluating Delays in Head and Neck Cancer Patients Treated with Post-Operative Radiation Therapy.</td>
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<td>14:15pm</td>
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<td>14:30pm</td>
<td>The Emerging Role of whole genome Investigation to identify undetected Nephropathies - The HIDDEN Study</td>
<td>Andrew Mallett</td>
<td>Cardiac rehabilitation rural and remote areas of North Queensland: How well are we doing?</td>
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<td>14:45pm</td>
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<td>Chanika Alahakoon</td>
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Building Bridges 2012 - 2021
Townsville Health Research Symposium 10th Anniversary
Wednesday 13th October Program

9:00am – 11:45pm - Building Better Communities / Focusing on Individual Healthcare Outcomes

Session recording – Click here

9.15am Barriers and enablers to undertake regional research Sara Potts

9.30am Stillbirth risks and rates for Aboriginal and Torres Strait Islander women and their babies in North Queensland Meegan Kilcullen

9.45am Profile of neurodevelopmental abnormalities in children and young people involved in the justice system - a case series. Suparna Chakrabarty

10.00am Outcomes of growth restricted low birth weight preterm neonates at Townsville University Hospital: a retrospective review Natalee Williamson

10.15am Normative high frequency (1000 Hz) tympanometry in six-month-old infants Venkatesh Aithal

10.30am Intrauterine versus Extraterine Kidney Development - When Birth Comes Early Sonja Brennan

10.45am Break

11.00am The effect of web-based education on patient satisfaction, expectations and consultation time: a randomized control trial Tristan Symonds

11.15am Use of patient reported outcome measures (PROMs) in clinical care: a community-based allied health setting. Tilley Pain

11.30am Routine computed tomography versus selective imaging: an audit of negative appendicectomy rates in two hospitals Tristan Symonds

11.45am Lunch

12:30pm – 13:30pm Plenary Speaker Prof Andrew Mallett

Session recording – Click here

13.30pm – 16:45pm - Focusing on Individual Healthcare Outcomes

Session recording – Click here

13.30pm Post operative atrial fibrillation following CABG Kian Lotter

13.45pm Fragmented QRs predicts ventricular arrhythmias in heart failure patients. A systematic review and meta-analysis Nathan Engstrom

14.00pm Presentation and outcomes of indigenous Australians with peripheral artery disease Tejas P Singh

14.15pm Therapeutic hypothermia in neonatal hypoxic ischaemic encephalopathy: A 10 years retrospective analysis of outcomes in a tertiary neonatal intensive care unit Ian Law

14.30pm Secondary Prevention of Rheumatic Heart Disease in the Townsville region 2009-2019 Joshua Liaw

14.45pm Break

15.00pm A randomised feasibility study of prehabilitation for frail patients undergoing colorectal surgery Anthony Leicht

15.15pm Understanding the treatment benefit of FLU-IVIG for severe human influenza B Hillary Vanderven

15.30pm Nutritional approaches in the treatment of Schizophrenia Spectrum Disorders: a Systematic Review Calogero Longhitano

15.45pm Break

16.00pm The efficacy of topical preparations in the reducing the incidence of Cutibacterium Acnes at the start and conclusion of total shoulder arthroplasty (TSA): A randomized control trial. Tristan Symonds

16.15pm Non-antimicrobial adjuvant therapy with savarin reduces biofilm related Staphylococcus aureus prosthetic joint infections Narayan Pant

16.30pm An Evidence-Based Best Practice Perioperative Matrix Eliminates Allogenic Blood Transfusions in Simultaneous Bilateral Total Knee Replacements Tristan Symonds

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