



Townsville Health Research Showcase

11th – 13th
October
2021

**Join the
audience via
Microsoft
Teams!**

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 & Poster Sessions
Email

TSV-Research-Week@health.qld.gov.au
to request a Microsoft Teams link

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

For more information or links to the
Microsoft Teams Live events

Email: TSV-Research-Week@health.qld.gov.au



Townsville
Hospital
and Health
Service



Townsville Health Research Showcase

11-13
October
2021

Keynote Speaker

12:00 – 13:00 Tuesday 12th October 2021

Venue: Robert Douglas Auditorium and via [Teams Live Event](#).



Alfred Deakin Professor Alison Hutchinson

Professor of Nursing & Director, Centre
for Quality and Patient Safety Research,
Institute for Health Transformation
Deakin University

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.

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Townsville Health Research Showcase

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Monday 11th October Program

Scientific Writing for Publication

Free Workshop

Places are limited email TSV-Research-Week@health.qld.gov.au to register

Venue: JCU Clinical School,
Level 1, TUH

8:00am to 12:30pm

Ask an Expert Session

In Person Event - Lunch Provided

Venue: Robert Douglas Auditorium Foyer,
Ground Floor, TUH

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 hand to chat and answer questions over lunch in the Auditorium foyer 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

Venue: Microsoft Teams Live Event (Link pending) & Robert Douglas Auditorium , Ground Floor, TUH

Extra-terrestrial applications of the MR-linear accelerator	Tim Squire	Self-assessment tools for assessing cultural competency: A rapid review of literature	Ziheng (Calvin) Xu
Fibrinogen Early in Severe Trauma study (FEISTY): results from an Australian multi-centre, randomised controlled, pilot trial.	Melita Trout	Non-antimicrobial adjuvant therapy using ticagrelor reduced biofilm related Staphylococcus aureus prosthetic joint infections.	Narayan Pant
Statewide Physiotherapy Continence Service utilising Digital Technology	Sarah Myles	A retrospective cohort study of congenital Cytomegalovirus (CMV) infection in a single center Australian neonatal cohort	Ridmee Maheesha Seneviratne

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Townsville Health Research Showcase

Tuesday 12th October Program

Free Morning Workshop

Places are limited email TSV-Research-Week@health.qld.gov.au to register

Alfred Deakin Professor Alison Hutchinson

Venue: JCU Clinical School,
Level 1, TUH

8:00am to 11:30am

Opening Address and Keynote Speech

Alfred Deakin Professor Alison Hutchinson

Venue: [Microsoft Teams Live Event Login](#) and
Robert Douglas Auditorium,
Ground Floor, TUH

12:00pm to 13:00pm

Building Bridges - 13:00pm to 16:15pm

**Providing Safe, Efficient, Effective, and Sustainable Services
& Leading Excellence and Innovation**

Venue: [Microsoft Teams Live Event Login](#) and Robert Douglas Auditorium , Ground Floor, TUH

13.00pm	Peak Wall Stress as a prognostic indicator of Abdominal Aortic Aneurysm rupture risk	Tejas P. Singh	14:45pm	Choosing the best diabetes-related foot ulcer scoring system in clinical practice.	Chanika Alahakoon
13.15pm	Pharmacist-led education to final year medical students: A pilot study.	Sophie Mokrzecki	15:00pm	"A bit on the nose" but important to know: a study of clinicians' knowledge, practices, and perceptions of Clostridioides difficile.	Kara Finnimore
13.30pm	A cluster of Burkholderia pseudomallei following a flood event: genomic characterisation using novel nanopore sequencing.	Stephanie Hendry	15:15pm Break		
13.45pm	'Striving Deadly': Extending psychosocial care for young people with burns in North Queensland.	Debra Phillips	15:30pm	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.	Corey Patterson
14.00pm	Men's preferences for image-guidance in prostate radiation therapy: a discrete choice experiment	Amy Brown	15:45pm	Evaluating Delays in Head and Neck Cancer Patients Treated with Post-Operative Radiation Therapy.	Ravi Marwah
14:15pm Break			16:00pm	Cardiac rehabilitation rural and remote areas of North Queensland: How well are we doing?	Pat Field
14:30pm	The Emerging Role of wHole genome Investigation to iDentify undetected Nephropathies - The HIDDEN Study	Andrew Mallett			

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Wednesday 13th October Program

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

Venue: [Microsoft Teams Live Event Login](#) and Robert Douglas Auditorium , Ground Floor, TUH

9.15am	Barriers and enablers to undertake regional research	Sara Potts	10.30am	Intrauterine versus Extrauterine Kidney Development - When Birth Comes Early	Sonja Brennan
9.30am	Stillbirth risks and rates for Aboriginal and Torres Strait Islander women and their babies in North Queensland	Meegan Kilcullen	10.45am	Break	
9.45am	Profile of neurodevelopmental abnormalities in children and young people involved in the justice system - a case series.	Suparna Chakrabarty	11.00am	The effect of web-based education on patient satisfaction, expectations and consultation time: a randomized control trial	Tristan Symonds
10.00am	Outcomes of growth restricted low birth weight preterm neonates at Townsville University Hospital: a retrospective review	Natalee Williamson	11.15am	Use of patient reported outcome measures (PROMs) in clinical care: a community-based allied health setting.	Tilley Pain
10.15am	Normative high frequency (1000 Hz) tympanometry in six-month-old infants	Venkatesh Aithal	11.30am	Routine computed tomography versus selective imaging: an audit of negative appendectomy rates in two hospitals	Tristan Symonds
			11.45am	Lunch	

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

Venue: [Microsoft Teams Live Event Login](#) and Robert Douglas Auditorium , Ground Floor, TUH

13:30pm – 16:45pm - Focusing on Individual Healthcare Outcomes

Venue: [Microsoft Teams Live Event Login](#) and Robert Douglas Auditorium , Ground Floor, TUH

13.30pm	Post operative atrial fibrillation following CABG	Kian Lotter	15.15pm	Understanding the treatment benefit of FLU-IVIG for severe human influenza B	Hillary Vandervan
13.45pm	Fragmented QRS predicts ventricular arrhythmias in heart failure patients. A systematic review and meta-analysis	Nathan Engstrom	15.30pm	Nutritional approaches in the treatment of Schizophrenia Spectrum Disorders: a Systematic Review	Calogero Longhitano
14.00pm	Presentation and outcomes of indigenous Australians with peripheral artery disease	Tejas P Singh	15.45pm	Break	
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	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
14.30pm	Secondary Prevention of Rheumatic Heart Disease in the Townsville region 2009-2019	Joshua Liaw	16.15pm	Non-antimicrobial adjuvant therapy with savirin reduces biofilm related Staphylococcus aureus prosthetic joint infections	Narayan Pant
14.45pm	Break		16.30pm	An Evidence-Based Best Practice Perioperative Matrix Eliminates Allogenic Blood Transfusions in Simultaneous Bilateral Total Knee Replacements	Tristan Symonds
15.00pm	A randomised feasibility study of prehabilitation for frail patients undergoing colorectal surgery	Anthony Leicht			

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Scientific Writing for Publication

Free Workshop - Monday 11th October 2021 8:00am – 12:30pm

Venue: TUH Level 1. JCU Clinical School Tutorial Room.

Places are limited email TSV-Research-Week@health.qld.gov.au to register



Dr Liz Tynan

Associate Professor
James Cook University
Graduate Research School

Researchers do not just “do” science, they must write science as well. Writing science, therefore, is not only data-based, it is language-based. Good data are not enough – the language you use must ensure clear and persuasive transmission of ideas.

This session will provide some guidance and strategies for writing effective scientific publications of various kinds using strong and effective language. We will examine the processes of producing clear scientific writing, and will give some thought to how research concepts can be made clear through critical thinking and robust writing skills.

Associate Professor Liz Tynan PhD is co-ordinator of the professional development program at the JCU Graduate Research School. She teaches academic writing, editing and critical thinking skills to HDR candidates. She is a prominent researcher of the history of British atomic weapons testing in Australia, and her first book on the topic (*Atomic Thunder: The Maralinga Story*) won the Prime Minister's Literary Award for Australian History and the CHASS Australia Prize for a Book in 2017. She is a former journalism academic with a background in both print and electronic media, specialising in science writing and editing. She worked for the ABC as a reporter and subeditor, and was later Sydney correspondent for *New Scientist*. She is co-author of the Oxford University Press textbook *Media and Journalism: New Approaches to Theory and Practice*, now in its third edition, and co-author and co-ordinating editor of the OUP text, *Communication for Business*. She is finalising a new book about British atomic tests in Australia, *The Secret of Emu Field*, to be published by NewSouth Publishing in 2022.

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