

# Research, Quality and Innovation Week Program

Gold Coast Health

## Research, Quality & Innovation Week

16–19 November 2020



Scan the QR code to view this year's online poster gallery!



### Monday 16 November

**11.45am – 1.00pm**  
Microsoft Teams Live Event

#### Welcome and Official Opening

*Dr Jeremy Wellwood – A/Chief Operations Officer, Gold Coast Health*

#### Panel Session: COVID-19: What have we learnt and what's next?

*Chair: Prof Helen Chenery - Board Member, Gold Coast Health, Chair, Research Committee, Gold Coast Health*

*Speakers: Ms Kimberley Pierce, General Manager, Gold Coast Private Hospital (formerly Chief Operations Officer, Gold Coast Health),*

*Dr Jeremy Wellwood – A/Chief Operations Officer,*

*Dr Adam Brand, Clinical Director Digital Transformation, Gold Coast Health*

*Dr Andre Wattiaux – Staff Specialist, Gold Coast Health,*

*Prof Paul Glasziou, Director, Institute for Evidence-Based Healthcare*

Hear from senior leaders at Gold Coast Health, as they reflect on our health service response to COVID-19. They will discuss lessons learnt and emerging opportunities for research and innovation in the post-pandemic world.

[Event Link](#)

**2.45pm – 3.45pm**  
Microsoft Teams Live Event

#### Panel Session: Understanding COVID-19

*Chair: Prof Allan Cripps - Professor, School of Medicine, Menzies Health Institute Queensland, Griffith University & Director, QLD & NNSW Regional Health Collaborative, Gold Coast Health*

*Speakers: Prof David Henry – Institute for Evidence-Based Healthcare, Bond University, Dr John Gerrard - Staff Specialist, Infectious Diseases Gold Coast Health, Assoc Prof Kim Greaves – Staff Specialist Cardiology, Sunshine Coast Health Service, Dr Nic West – Senior Lecturer Systems Biology and Data Science, Menzies Health Institute Queensland, Griffith University, Dr Shane George – Staff Specialist, Emergency Medicine*

Learn about key fundamental aspects of COVID-19 through research: How does the virus affect our immune response? Is there an association between the outcomes of COVID-19 and people's social and health characteristics? What is the latest evidence about COVID-19 diagnosis, treatment and management?

[Event Link](#)

**10.00am – 11.30am**  
 Microsoft Teams  
 Live Event

**Transforming Health Systems**

*Chair: Mr Sandip Kumar – Executive Director Transformation, Gold Coast Health*

What do we mean by transformation? The importance of research, quality and innovation to the transformation of healthcare.

Hear from academics and researchers about how they are embedding innovation in their research. The role and potential of innovation to transform healthcare will be described. Different types of innovation will be highlighted in current research projects.

**Innovating in Healthcare**

*Chair: Dr Sharon Mickan – Professor of Healthcare Innovations, Faculty of Health Sciences & Medicine, Bond University*

**Providing specialist palliative care in residential aged care**

*Dr Nicola Morgan -Staff Specialist Consultant Physician, Supportive and Palliative Care, Gold Coast Health*

**AI in Clinical practice: danger or revolution?**

*Dr Katya May – Researcher, Department of Emergency Medicine, Gold Coast Health*

**Establishing a regional specialist clinic using Telehealth**

*Dr Kelly Weir - Conjoint Principal Research Fellow – Allied Health Gold Coast Health & Griffith University*

**Evaluating the use of clinical decision Aids in ED**

*Dr Zoe Michaleff - Post Doctoral Research Fellow, Institute of Evidence-Based Healthcare, Bond University*

[Event Link](#)

**1.00pm – 3.00pm**  
 Microsoft Teams  
 Live Event

**Building Collaborations in Research**

*Chair: Prof Brigid Gillespie – Professor of Patient Safety, School of Nursing and Midwifery, Griffith University*

How do we build successful research partnerships? Hear from some of our researchers and collaborators about how they have grown their clinical research partnerships.

**Partnerships for real-world health services research**

*Ms Alison Farrington - Research Project Manager, Queensland University of Technology*

**CARE Network**

*Dr Shanthi Sarma - Psychiatrist, Mental Health, Gold Coast Health and Ms Grace Branjerdporn – Service Development and Research Coordinator, Gold Coast Health*

**From little things big things can grow: Our experience of building clinical research partnerships.**

*Dr Sharon Latimer – Senior Research Fellow (Patient Safety in Nursing) Nursing & Midwifery Education and Research Unit, Gold Coast Health*

**Translational Simulations**

*Dr Victoria Brazil – Professor of Emergency Medicine, Gold Coast Health & Faculty of Health Sciences and Medicine, Bond University*

**The Gold Coast Mental Health and Specialist Services Suicide Prevention Strategy– Our Collaborative Journey Towards Zero**

*Prof Chris Stapelberg – Professor of Mental Health, Gold Coast Mental Health and Specialist Services & Faculty of Health Sciences and Medicine, Bond University, Mr Matthew Welch – Clinical Nurse Consultant, Mental Health, Gold Coast Health*

[Event Link](#)

<p><b>9.00am – 10.00am</b> Microsoft Teams Live Event</p>	<p><b>A broad view of consumer involvement in Research, Quality and Innovation</b> <i>Chair: Dr Joan Carlini – Lecturer &amp; Discipline Leader, Griffith School of Business. Consumer Advisory Group   Research Committee External Member, Gold Coast Health</i> How do we connect with 'hard to reach' consumers? How do we co-design as consumers in research, quality improvement and innovation activities?</p> <p><b>International Trends on consumer involvement in Research, Quality and Innovation</b> <i>Dr Rachel Muir – Deputy Program Director Postgraduate Nursing, Program Advisor Acute Care, School of Nursing and Midwifery, Griffith University</i></p> <p><b>Improving the delivery of culturally safe, quality maternity care to Aboriginal and Torres Strait Islander people</b> <i>Ms Cassandra Nest - First Peoples Midwifery Lecturer, Clinical Midwife, Gold Coast Health</i></p> <p><b>Personal experiences and challenges as a consumer</b> <i>Mrs Zehrab Vayani – Member, Consumer Advisory Group, Gold Coast Health</i></p> <p><b>Co-design project with migrant tuberculosis sufferers in Western Sydney</b> <i>Ms Jenny Paton - Service Director Cardiac Thoracic, Renal and Respiratory Services, Gold Coast Health</i></p>	<p><a href="#">Event Link</a></p>
<p><b>10.00am – 10.30am</b> PED Foyer</p>	<p>Morning Tea <i>Sponsored by School of Nursing and Midwifery, Griffith University</i></p>	
<p><b>10.30am – 12.30pm</b> Large Lecture Theatre Microsoft Teams Live Event</p>	<p><b>Lightning Talks session 1</b> <i>Chair: Dr Paulina Stehlik Senior Research Fellow, Evidence Based Practice Professorial Unit, Gold Coast Hospital and Health Service &amp; Institute for Evidence-Based Healthcare, Bond University</i> This session will focus on lightning talks across a range of disciplines. Presentations will take place from the large lecture theatre and audience members can register to attend in person or join via the live stream link.</p> <p>The full order of presenters for each Lightning Talk session is attached to the back of this program.</p>	<p><a href="#">Face to face registration</a></p> <p><a href="#">Event Link</a></p>
<p><b>12.30pm – 1.30pm</b> PED Foyer</p>	<p><b>Lunch</b> <i>Sponsored by Evidence Based Practice Professorial Unit, Institute for Evidence-Based Healthcare, Bond University</i></p>	
<p><b>1.30pm – 3.00pm</b> Large Lecture Theatre Microsoft Teams Live Event</p>	<p><b>Lightning Talks session 2</b> <i>Chair: Dr Paulina Stehlik Senior Research Fellow, Evidence Based Practice Professorial Unit, Gold Coast Hospital and Health Service &amp; Institute for Evidence-Based Healthcare, Bond University</i> This session will focus on lightning talks across a range of disciplines. Presentations will take place from the large lecture theatre and audience members can register to attend in person or join via the live stream link.</p>	<p><a href="#">Face to face registration</a></p> <p><a href="#">Event Link</a></p>
<p><b>3.00pm - 3.30pm</b> PED Foyer</p>	<p><b>Afternoon Tea</b> <i>Sponsored by School of Nursing and Midwifery, Griffith University</i></p>	



**4.00pm – 5.00pm**  
*Microsoft Teams*  
*Meeting*

### **HDR Pathways**

*Chair: Dr Karin Plummer; Nurse Lecturer*

*School of Health and Human Sciences, Southern Cross University*

Learn about HDR opportunities at Bond, Griffith, and Southern Cross Universities and ask questions of the program leads and current HDR students about the different programs, experiences, and opportunities to engage more formally with research.

# Lightning Talks – Wednesday 18 November

## Running Order of Presentations

### Session 1 – 10.30 am – 12.30 pm

Talk Time	Talk Number	Talk Title and Presenter
10.30 am		Introduction <i>Chair – Dr Paulina Stehlik, Research Fellow and Coordinator, Evidence Based Practice Professorial Unit, Gold Coast Hospital and Health Service &amp; Institute for Evidence-Based Healthcare, Bond University</i>
10.33 am	01	<b>Client and student perceptions of a group-based, student-led service model “Dysphagia Afternoon Tea”: A feasibility study</b> <i>Dr Rachel Wenke</i>
10.36 am	02	<b>A Pharmacist-led Educational Intervention to Improve Digital Prescribing Skills of Intern Medical Officers</b> <i>Mrs Nallini McCleery</i>
10.39 am	03	<b>Developing and evaluating an in-house training package for pharmacy assistant checking of non-impresst medications</b> <i>Miss Chloe Bergquist</i>
10.42 am	04	<b>Final-year nursing students’ foundational knowledge and self-assessed confidence in interpreting cardiac arrhythmias</b> <i>Dr Yingyan (Lisa) Chen</i>
10.46 am	05	<b>Improving care for patients admitted electively for cardiothoracic surgery with psychosocial issues impacting on discharge</b> <i>Mr Jed Shiels</i>
10.49 am	06	<b>An Occupational Therapy package of care to improve adherence with wearing compression stockings</b> <i>Miss Laila Bar</i>
10.52 am	07	<b>Audit of Emergency Department Statement of Attendance to explore information included related to medication handover</b> <i>Ms Rachael Raleigh</i>
10.55 am	08	<b>Navigating Alternative pathways to ED</b> <i>Ms Emma Hawkins</i>
10.59 am	09	<b>Clinical outcomes of chronic pulmonary aspergillosis (CPA) in Gold Coast University Hospital</b> <i>Dr Guan Fong</i>
11.02 am	10	<b>Mask interface selection during CPAP titration at the GCUH Sleep Disorders Centre</b> <i>Sraavya Divi</i>
11.05 am	11	<b>Patient perceptions of an exercise training and healthy eating group program (ATHENA) for overweight and obese women with urinary incontinence</b> <i>Mrs Zara Howard</i>
11.08 am	12	<b>Audit of CPAP titration polysomnography at GCUH Sleep Disorders Centre</b> <i>Dr Julia Bashford</i>
11.12 am	13	<b>Effectiveness of an exercise training and healthy eating group program (ATHENA) for overweight and obese women with urinary incontinence</b> <i>Mrs Zara Howard</i>

<b>Talk Time</b>	<b>Talk Number</b>	<b>Talk Title and Presenter</b>
11.15 am	14	<b>Implementing eating disorder prevention research into practice in community child health: a knowledge translation study of Confident Body, Confident Child</b> <i>Dr Shelley Roberts</i>
11.18 am	15	<b>Early detection for better outcomes: developmental surveillance for autism in community settings</b> <i>Dr Beth Mozolic-Staunton</i>
11.21 am	16	<b>Multidisciplinary lifestyle intervention in children and adolescents - results of the GRIT (Growth, Resilience, Insights, Thrive) pilot study</b> <i>Dr Hannah Mayr</i>
11.25 am	17	<b>Micronutrient status of tube-fed children with neurological impairments</b> <i>Ms Emma Roberts</i>
11.28 am	18	<b>Improving Accuracy of Texture Modified Diet and Thickened Fluid Provision in the Hospital: Evidence in Action</b> <i>Dr Shelley Roberts</i>
11.31 am	19	<b>Nutritional status of patients on admission to rehabilitation.</b> <i>Miss Alexandra Clarke</i>
11.34 am	22	<b>Diagnostic complexity of Functional Neurological Symptom Disorder</b> <i>Dr Jessica Davis</i>
11.37 am	23	<b>Physical rehabilitation of central facial palsy: a survey of current practice and therapist perspectives.</b> <i>Ms Annabelle Vaughan</i>
11.40 am	24	<b>Effectiveness of intensive voice therapy versus standard therapy for muscle tension dysphonia: A randomised controlled trial with nested focus group.</b> <i>Dr Rachel Wenke</i>
11.43 am	25	<b>Rehabilitation for women undergoing breast cancer surgery: a systematic review evaluating the effectiveness and safety of early, unrestricted exercise programs on upper limb function.</b> <i>Ms Tara Redemski</i>
11.46 am	26	<b>Effectiveness of negative pressure wound therapy dressings in obese women undergoing caesarean section: a multicentre parallel-group randomised controlled trial.</b> <i>Professor Brigid Gillespie</i>
11.49 am	27	<b>The prevalence and predictors of pressure injuries within the first 36-hours of admission in older patients</b> <i>Dr Sharon Latimer</i>
11.52 am	28	<b>Implementing and evaluating a patient-centred pressure injury prevention care bundle at GCUH: A before and after intervention study</b> <i>Mrs Jodie Deakin</i>
11.55 am	29	<b>Patient involvement in surgical wound care research</b> <i>Dr Rachel Muir</i>
11.58 am	30	<b>Streptococcus anginosus group infections in hospitalised children</b> <i>Dr Khairul Ismail</i>

Talk Time	Talk Number	Talk Title and Presenter
12.01 pm	32	<b>Maternity and Children's care experiences &amp; staff innovation during Covid-19</b> <i>Dr Samantha Nolan</i>
12.04 pm	33	<b>Development and initial validation of a clinical tool for patient experience of bedside handover</b> <i>Dr Georgia Tobiano</i>
12.07 pm	34	<b>Addressing Research Wastage in Maternal and Neonatal Care: The Role and Quality of Core Outcome Sets</b> <i>Mrs Valerie Slavin</i>
12.10 pm	35	<b>Tailoring Research Evidence and Theory (TREAT) into Allied Health Journal Clubs: An Implementation Study</b> <i>Dr Rachel Wenke</i>
12.13 pm		<b>Questions and Answers</b>
12.30 pm		<b>End of Session 1</b>
<b>Session 2 – 1.30 pm – 3.00 pm</b>		
1.30 pm		<b>Introduction</b> <i>Chair – Dr Paulina Stehlik, Research Fellow and Coordinator, Evidence Based Practice Professorial Unit, Gold Coast Hospital and Health Service &amp; Institute for Evidence-Based Healthcare, Bond University</i>
1.33 pm	36	<b>Road Traumatic Injury, Geospatial Hotspots: A 6-year retrospective analysis from Level I Australasian trauma centre</b> <i>Mr Ben Gardiner</i>
1.36 pm	38	<b>Outcomes of rib fractures in the geriatric population: a 5-year retrospective, single institution, Australian study</b> <i>Dr Emma Cooper</i>
1.39 pm	39	<b>Forgotten Fractures: the extremes of Paget's disease</b> <i>Mrs Ann Robinson</i>
1.43 pm	40	<b>Evaluating the efficacy of the Lavender Mother Baby Unit</b> <i>Mrs Grace Branjerdporn</i>
1.46 pm	41	<b>ROTEM guided management of Haemorrhage in Children presenting to an Australian Major Trauma Centre</b> <i>Dr Shane George</i>
1.49 pm	42	<b>Implementing a BBQ therapy program in the Lavender Mother Baby Unit</b> <i>Mrs Grace Branjerdporn</i>
1.52 pm	45	<b>Identification of obesity as a risk factor for obstructive sleep apnoea in referrals for diagnostic polysomnography by general practitioners</b> <i>Dr Shaun Kang</i>
1.55 pm	46	<b>Computer Aided Detection of Lung Nodules Alters Radiologist Reporting of CT Scans and Leads to Different Suggested Follow Up.</b> <i>Dr Dugal Smith</i>
1.58 pm	47	<b>Safety of Rapid Sequence Intubation in an Emergency Training Network</b> <i>Dr Richard Pellatt</i>



<b>Talk Time</b>	<b>Talk Number</b>	<b>Talk Title and Presenter</b>
2.01 pm	<b>48</b>	<b>Outcomes on splenic volume following splenic artery embolisation for high grade blunt splenic injuries – A prospective multi-institutional study in adults</b> <i>Dr Bhavik Patel</i>
2.04 pm	<b>49</b>	<b>Clinical Outcomes of Major Trauma Patients at a Level 1 trauma centre following implementation of a multi-disciplinary team follow-up program</b> <i>Mrs Elizabeth Wake</i>
2.07 pm	<b>50</b>	<b>End of life in the Emergency Department: what is the need for a service?</b> <i>Ms Amy Sweeny</i>
2.10 pm	<b>52</b>	<b>'I went really slow so they didn't see tattoos or anything': early results from the MicroInequities in Medical Education (MIME) study</b> <i>Dr Rhea Daniel</i>
2.13 pm	<b>53</b>	<b>'I'd rather just go ahead and become the walking Edam cheese of the area': A qualitative study of women's decision-making for breast cancer surgery.</b> <i>Assoc. Professor Rhea Liang</i>
2.17 pm	<b>54</b>	<b>Economic evaluation of domestic and family violence detection and response</b> <i>Mrs Grace Banjerdporn</i>
2.20 pm	<b>55</b>	<b>The management of domestic and family violence in the emergency department: a narrative review.</b> <i>Ms Amber Cumner</i>
2.23 pm	<b>56</b>	<b>Understanding women's experience of a maternity service in detecting and responding to domestic and family violence</b> <i>Mrs Tanya Clonan</i>
2.25 pm	<b>57</b>	<b>AI in Clinical Practice: Danger or Revolution? A feasibility study investigating the efficacy and safety of an AI powered Chest X-ray triaging system</b> <i>Mr Saleem Ameen</i>
2.28 pm	<b>58</b>	<b>Automating admission and discharge surveys for mental health clients</b> <i>Mr Neil Josen Delos Reyes</i>
2.31 pm	<b>59</b>	<b>Clinical Information System Communications challenges in ICU</b> <i>Mr David Moore</i>
2.34 pm	<b>60</b>	<b>Telehealth in Trauma</b> <i>Dr Elizabeth Wake</i>
2.37 pm	<b>61</b>	<b>Virtual models of chronic disease management: Lessons from the experiences of virtual care during the COVID-19 response</b> <i>Dr Rachael Smithson</i>
2.40 pm	<b>62</b>	<b>From Tea to Treatment, a preliminary investigation into epigallocatechin gallate (EGCG) and its potential involvement in minimising the metabolic changes in cancer</b> <i>Ms Amanda Tauber</i>
2.43 pm		<b>Questions and Answers</b>
3.00 pm		<b>Session End</b>

## Session 3 – 3.30 pm – 5.00 pm

Talk Time	Talk Number	Talk Title and Presenter
3.30 pm		<b>Introduction</b> <i>Chair: Prof David Henry – Evidence Based Practice Professorial Unit, Gold Coast Hospital and Health Service &amp; Institute for Evidence-Based Healthcare, Bond University</i>
3.33 pm	63	<b>The Clot Thickens: reviewing the prescription of VTE prophylaxis in a medical assessment unit pre and post iEMR implementation.</b> <b>Dr Cassandra Joyce</b>
3.36 pm	64	<b>High sensitivity Troponin assays: Do they work?</b> <i>Dr Aditya Kishore</i>
3.39 pm	65	<b>Implications of the 2017 American College of Cardiology and American Heart Association (ACC/AHA) hypertension guidelines on the prevalence and treatment of high blood pressure for the Australian population</b> <i>Miss Linda Sunny</i>
3.42 pm	66	<b>The Pressure is On!</b> <b>1 vs 3 Blood Pressure Measurements for Hypertension Diagnosis , Implications of the number of blood pressure measurements on blood pressure classification and hypertension diagnosis according to Australian/American guidelines</b> <i>Adam Moktar</i>
3.45 pm	67	<b>Co-producing an inpatient cardiac rehabilitation education program and patient-reported outcomes following coronary artery bypass grafting: A multi-method study</b> <i>Mrs Dimo Nasrawi</i>
3.48 pm	68	<b>What women want: Addressing the issue of women's poor participation and engagement in cardiac rehabilitation.</b> <i>Dr Amanda McGuire</i>
3.51 pm	69	<b>Domestic and family violence referrals in nine Queensland Emergency Departments: snapshots over three months in 2019.</b> <i>Amber-Shea Cumner</i>
3.54 pm	70	<b>Cystic Fibrosis Newborn Screening and Follow Up: Are we meeting the standard?</b> <i>Dr Shreya Bhushan</i>
3.57 pm	71	<b>Women who decline breast cancer treatment: reasons, outcomes and possible interventions</b> <i>Mr Ashley Harding</i>
4.00 pm	72	<b>Evaluation of the management of malignant spinal cord compression within the Gold Coast Hospital and Health Service</b> <i>Dr Pooja Kodakathi</i>
4.03 pm	73	<b>Effects of education on patient knowledge and satisfaction following Surgical stabilisation of Rib Fractures.</b> <i>Mr Ben Gardiner</i>
4.06 pm	74	<b>Educating future health professionals: Incorporating online polling into physiology curricula</b> <i>Miss Charlotte Phelps</i>
4.09 pm	75	<b>Am I the human in 'human' factors? Self awareness &amp; Decision-making</b> <i>Dr Dave Gillespie</i>
4.12 pm	76	<b>Multicultural Initiative Respiratory Melting Pot</b> <i>Dr Ya-Ling Huang</i>

