



# 7th Rural and Remote Health Scientific Symposium

Alice Springs Convention Centre, NT  
25-26 May 2020  
[ruralhealth.org.au/7rrhss](http://ruralhealth.org.au/7rrhss)

# PROGRAM

As at 21 February 2020

## Day 1 Monday 25 May 2020

|                       |  |               |
|-----------------------|--|---------------|
| 8.00 am               | Registration desk opens  | Foyer         |
| 8.00 am               | <b>WELCOME TEA/COFFEE</b>  | Foyer         |
| 8.45 am –<br>10.30 am | <b>Plenary session 1</b><br><b>The big picture—global and population health</b>  | MacDonnell AB |
| 8.45 am               | Welcome to Country   |               |
| 8.55 am               | Welcome and opening<br><b>Professor John Wakerman</b> , Professor of Remote and Rural Health Services Research, Menzies School of Health Research  |               |
| 9.00 am               | <b>Professor Anthony Capon</b> , Director, Sustainable Development Institute, Monash University<br><i>Presentation title tbc</i>   |               |
| 9.25 am               | <b>Professor Pierre Horwitz</b> , Professor of Environmental Sciences, Edith Cowan University<br><i>Ecological determinants and environmental alliances for regional health (and sustainability)</i> |               |
| 9.50 am               | <b>Dr Laura Weyrich</b> , Associate Professor of Anthropology, Penn State Ancient Biomolecules Research Environment, Pennsylvania State University, USA<br><i>Presentation title tbc</i>             |               |
| 10.15 am              | Audience and panel discussion  |               |

**11.00 am – 12.30 pm Concurrent session A**

|          | <b>A1: Alcohol and health</b><br>MacDonnell AB<br>Chair:  | <b>A2: Using research in health</b><br>Ellery A<br>Chair: Geoff Argus  | <b>A3: Barriers to inclusive care</b><br>Ellery B<br>Chair:  | <b>A4: Addressing important health issues</b><br>Ellery C<br>Chair: Kehinde Obamiro  | <b>A5: Lightning talks</b><br>Ellery D<br>Chair: Jenny May  |
|----------|---|--|--|--|---|
| 11.00 am | <i>A multi-institution longitudinal study into world-leading alcohol reforms in the Northern Territory</i><br><b>John Boffa, Peter Miller</b> | <i>Geographic variation in health system performance in rural New South Wales</i><br><b>Claudia Slimings</b>             | <i>Excuses made by health professionals on the provision of inclusive care</i><br><b>Zubaidah Mohamed Shaburidin</b>             | <i>Impact of legislative change on waiting times for rural/remote abortion services</i><br><b>Georgia McQueen</b>              | 11.00 am<br><i>Parent-reported experience of care coordination for children with medical complexity living rurally</i><br><b>Nicola Kermode</b> |
| 11.25 am | <i>Association between restriction policies and rates of alcohol-related harms in Indigenous communities</i><br><b>Sonia Hines</b>            | <i>A visual analytics approach to understanding variation in opioid use in Australia</i><br><b>Chloe Burns</b>           | <i>Indigenous cultural competency: exploring the barriers for health and social care academics</i><br><b>Caroline Robinson</b>   | <i>Understanding the barriers to treating childhood obesity in Australian general practice</i><br><b>Linda Ferrington</b>      | 11.15 am<br><i>Exploration of an allied health-led fracture clinic at a rural hospital</i><br><b>Hannah Christensen, Ninette Johnstone</b>      |
| 11.50 pm | <i>Who drinks what: alcohol use in Australian rural vs urban-dwelling older adults</i><br><b>Janine Chapman</b>                               | <i>Action plan to enhance antimicrobial stewardship programs in regional and rural hospitals</i><br><b>Jaclyn Bishop</b> | <i>An audit tool to improve practice with Indigenous Australians in health services</i><br><b>Julaine Allan, Raechel Wallace</b> | <i>Cholinesterase assessment project—a foundation for identification and informed intervention</i><br><b>Jacqueline Cotton</b> | 11.30 am<br><i>Indigenous data sovereignty principles for NGOs supporting high-risk young people</i><br><b>Skye Trudgett</b>                    |
| 12.15 pm | <i>Discussion</i>   | <i>Discussion</i>  | <i>Discussion</i>  | <i>Discussion</i>  | 11.45 am<br><i>Shaping safe medicines management in remote Australia: evaluation of pharmacotherapeutics course</i><br><b>Tobias Speare</b>     |



12.00 pm  
*The impact of training  
centralisation on the  
sustainability of rural maternity  
services*  
**Lily Kent**

12.15 pm  
*Flinders University alumni rural  
outcomes: a data linkage study*  
**Leesa Walker**


12.30 pm

**LUNCH AND VIEWING OF POSTERS**

MacDonnell C



| 1.30 pm – 2.50 pm <b>Concurrent session B</b> |  |  |   |  |  |
|---|--|--|---|--|--|
|   | <b>B1: Health workforce</b><br>MacDonnell AB<br>Chair: Malcolm Moore   | <b>B2: Rural health research</b><br>Ellery A<br>Chair:   | <b>B3: Mental health</b><br>Ellery B<br>Chair:  | <b>B4: Chronic health issues</b><br>Ellery C<br>Chair:   | <b>B5: Workshop</b><br>Ellery D<br>Chair:  |
| 1.30 pm                                       | <i>A WHO-sponsored checklist: implementing pathways to build rural workforce capacity</i><br><b>Belinda O’Sullivan</b>               | <i>Shaping the future of rural health research training: a realist synthesis</i><br><b>David Schmidt</b>                             | <i>Geographical overlays showing variations for people living with severe mental illness</i><br><b>Allison Clarke</b>                   | <i>Real-world gestational diabetes screening: problems with glucose tests in rural Western Australia</i><br><b>Julia Marley,<br/>Erica Spry</b>    | 12.50 pm – 2.50 pm<br><i>The Translation Toolkit: a practical guide to translating your research into practice and policy</i>              |
| 1.55 pm                                       | <i>Costs and impact of short-term staffing: does community control make a difference?</i><br><b>John Wakerman</b>                    | <i>Aremella Arratyenyeye-ileme—Doing It Right: the Aboriginal voice in health research</i><br><b>Leisa McCarthy,<br/>Glen Sharpe</b> | <i>Early learnings: stepped care for depression and anxiety in older rural communities</i><br><b>Viviana Wuthrich</b>                   | <i>Understanding lived experiences of Aboriginal people with diabetes living in remote communities</i><br><b>Erica Spry,<br/>Vaughan Matsumoto</b> | <a href="http://www.aprn.org.au/resources/translation-toolkit">www.aprn.org.au/resources/translation-toolkit</a><br><b>Harriet Hiscock</b> |
| 2.20 pm                                       | <i>Balancing FIFO and resident health staffing in remote communities—it’s complicated</i><br><b>Deborah Russell,<br/>Lisa Bourke</b> | <i>Bibliometric analysis on Australian rural health publications from 2013 to 2019</i><br><b>Alice Munro,<br/>Megan Smith</b>        | <i>Participatory action research: an approach to evaluating community-based suicide prevention activities</i><br><b>Stuart Auckland</b> | <i>Intention and barriers to cardiovascular disease health check in Tasmania: a cross-sectional survey</i><br><b>Kehinde Obamiro</b>               |  |
| 2.40 pm                                       | <i>Discussion</i>  | <i>Discussion</i>  | <i>Discussion</i>   | <i>Discussion</i>  |  |
| 2.50 pm                                       | <b>AFTERNOON TEA</b>   |  |   |  | MacDonnell C   |

|                        |  |  |               |
|------------------------|--|--|---------------|
| 3.20 pm –<br>5.00 pm   | <b>Plenary session 2</b><br><b>A focused picture—health in the heartland</b>   |  | MacDonnell AB |
| 3.20 pm                | <b>Professor John Wakerman</b> , Professor of Remote and Rural Health Services Research, Menzies School of Health Research   |  |               |
| 3.30 pm                | <b>Associate Professor Jaquelyne Hughes</b> , Principal Research Fellow, Menzies School of Health Research<br><i>Predicting adults most at risk of rapid progression of chronic kidney disease—the eGFR Study 2007</i> |  |               |
| 3.55 pm                | <b>Professor Louise Maple-Brown</b> , Senior Principal Research Fellow, Menzies School of Health Research<br><i>A life course approach to improving diabetes health outcomes with Aboriginal communities</i>           |  |               |
| 4.20 pm                | <b>Dr Danny Tsai</b> , Infectious Diseases Pharmacist, Alice Springs Hospital; Centre for Remote Health, Flinders University<br><i>Optimising antibiotic dosing in critically ill Australian Indigenous patients</i>   |  |               |
| 4.45 pm                | Audience and panel discussion  |  |               |
| 5.00 pm                | Close day 1  |  |               |
| 7.00 pm for<br>7.30 pm | <b>SYMPOSIUM DINNER SPONSORED BY UNIVERSITY OF TASMANIA</b>  | <br>UNIVERSITY of<br>TASMANIA | Ghan Foyer    |

## Day 2 Tuesday 26 May 2020

|                    |   |               |
|--------------------|---|---------------|
| 7.00 am – 8.30 am  | <b>Early Career Researcher Networking Breakfast</b>   | Room TBC      |
| 8.00 am            | Registration desk opens   | Ghan Foyer    |
| 8.00 am            | <b>WELCOME TEA/COFFEE</b>   | Ghan Foyer    |
| 8.50 am – 10.45 am | <b>Plenary session 3<br/>A translational view—research and its implementation</b>   | MacDonnell AB |
| 8.50 am            | Welcome to Country  |               |
| 8.55 am            | Welcome to Day 2, <b>Professor John Wakerman</b>  |               |
| 9.00 am            | <b>Dr David Abbott</b> , Principal Research Scientist, Health and Medical Research Office<br><i>Funding translational research: a Medical Research Future Fund (MRFF) perspective</i>   |               |
| 9.25 am            | <b>Professor Harriet Hiscock</b> , Associate Director of Research, Centre for Community Child Health, Murdoch Children’s Research Institute<br><i>A decade of translation: what works to translate research into everyday practice?</i> |               |
| 9.50 am            | <b>Mr John Paterson</b> , Chief Executive Officer, Aboriginal Medical Services Alliance Northern Territory<br><i>Presentation title</i>   |               |
| 10.15 am           | Audience and panel discussion   |               |
| 10.45 am           | <b>MORNING TEA</b>  | MacDonnell C  |

| 11.15 am – 12.30 pm <b>Concurrent session C</b> |  |   |   |  |   |
|---|--|---|---|--|---|
|   | <b>C1: Child and youth health</b><br>MacDonnell AB<br>Chair:   | <b>C2: Recruitment and retention</b><br>Ellery A<br>Chair: Malcolm Moore  | <b>C3: Interactive panels</b><br>Ellery B<br>Chair:   | <b>C4: Rogano session</b><br>Ellery C<br>Chair: Russell Roberts  | <b>C5: Workshop</b><br>Ellery D<br>Chair:   |
| 11.15 am  | <i>QuoCCA lessons: supporting health professionals through education to deliver paediatric palliative care</i><br><b>Penelope Slater</b> | <i>Nursing and Allied Health Graduate Outcome Tracking (NAHGOT) study: preliminary findings</i><br><b>Alison Beauchamp</b>                                  | <i>Strengthening governance to support Aboriginal and Torres Strait Islander health workers across jurisdictions</i><br><b>Stephanie Topp, Josslyn Tully, Sean Taylor</b> | <i>Call for rogado abstracts now open:</i><br><a href="http://www.ruralhealth.org.au7rrhss">www.ruralhealth.org.au7rrhss</a> | <i>Ethics and rural health research: exploring the specificities of rural contexts</i><br><b>Deborah Warr</b> |
| 11.40 am  | <i>Marginalised rural and urban youth: use of online health programs and apps</i><br><b>Georgina Luscombe, Heather Russell</b>           | <i>Building a sustainable rural physician workforce study: final results and implications</i><br><b>Matthew McGrail</b>                                     |   |  |   |
| 12.05 pm  | <i>Longitudinal study of remote Indigenous children: the Bigiswun Kid Project</i><br><b>Lauren Rice</b>                                  | <i>Place-based social processes and rural health workforce retention: an international research partnership</i><br><b>Christina Malatzky, Cath Cosgrave</b> | <i>Persistent pain management—turning heartsink into hope</i><br><b>Stephen Gilbert, Hannah Bennett</b>   |  |   |
| 12.25 pm  | <i>Discussion</i>  | <i>Discussion</i>   | <i>Discussion</i>   |  |   |
| 12.30 pm  | <b>LUNCH AND VIEWING OF POSTERS</b>  |   |   |  | MacDonnell C  |

| 1.30 pm – 3.00 pm    |   |  |  |   |  |
|----------------------|---|--|--|---|--|
| Concurrent session D |   |  |  |   |  |
|                      | D1: Retrieval services<br>MacDonnell AB<br>Chair:   | D2: The Indigenous health workforce<br>Ellery A<br>Chair:  | D3: Rogano session<br>Ellery B<br>Chair: Paul Worley   | D4: Workshop<br>Ellery C<br>Chair:  | D5: Lightning talks<br>Ellery D<br>Chair:  |
| 1.30 pm              | <i>Aeromedical retrievals for stroke by the RFDS: reducing inequalities through innovation</i><br><b>Mardi Steere</b>     | <i>What supports Indigenous students to graduate in health science? A systematic review</i><br><b>Emma Taylor</b>                  | <i>Call for abstracts now open</i><br><a href="http://www.ruralhealth.org.au7rrhss">www.ruralhealth.org.au7rrhss</a> | <i>Advocating for evidence-based health policy: lessons from the NT alcohol reforms</i><br><b>Meredythe Crane</b> | 1.30 pm<br><i>Guiding principles for health policy evaluation in the Northern Territory</i><br><b>Kate Raymond</b>                                     |
| 1.55 pm              | <i>Providing emergency care and retrieval to Central Australia's children</i><br><b>Eimile Howlin</b>                     | <i>Securing our future: career pathways for Aboriginal and Torres Strait Islander staff</i><br><b>Karrina Demasi, Sally Nathan</b> |  |   | 1.45 pm<br><i>The SToP Trial: see, treat and prevent impetigo and scabies</i><br><b>Asha Bowen</b>   |
| 2.20 pm              | <i>Evaluation of the Medical Retrieval and Consultation Centre</i><br><b>Supriya Mathew, Zania Liddle, Michelle Fitts</b> | <i>Achieving change: Aboriginal health curricula in a primary medical program</i><br><b>David Paul</b>                             |  |   | 2.00 pm<br><i>Decision support algorithm implementation to assist emergency investigation and management of bronchiolitis</i><br><b>Indianna Chant</b> |
| 2.45 pm              | <i>Discussion</i>   | <i>Discussion</i>  | <i>Discussion</i>  |   | 2.15 pm<br><i>The RiPCoRD (Retinopathy in Patients Currently on Renal Dialysis) Study</i><br><b>Tania Roulston</b>                                     |
|                      |   |  |  |   | 2.30 pm<br><i>Information sources and use of the internet among rural Australian cancer patients</i><br><b>Fiona Crawford-Williams</b>                 |
| 3.00 pm              | <b>AFTERNOON TEA</b>  |  |  |   | 2.45 pm<br><b>tba</b>  |
|                      |   |  |  |   | MacDonnell C   |



|                      |   |
|----------------------|---|
| 3.20 pm –<br>5.00 pm | <b>Plenary session 4</b><br><b>Research for rural and remote Australia</b> <span style="float: right;">MacDonnell AB</span> |
| 3.20 pm              | <b>Professor John Wakerman</b> , Professor of Remote and Rural Health Services Research, Menzies School of Health Research  |
| 3.30 pm              | <b>Closing panel TBC</b>  |
| 4.45 pm              | <b>Tanya Lehmann</b> , Chair, National Rural Health Alliance<br>Sum up event and closing remarks                            |
| 5.00 pm              | Close day 2   |



## Poster session - posters will be on display in the Exhibition Hall throughout the Symposium

|  |  |
|--|--|
| <b>John Aitken</b>                                     | <i>Using rural community participation to develop social prescriptions for health and wellbeing</i>                |
| <b>Amie Bingham</b>                                    | <i>Rural clinical training: a realist evaluation of what works, for whom</i>                                       |
| <b>Dung Trung Bui</b>                                  | <i>Augmented reality-based telementoring—an innovative approach for scenario-based training: a protocol</i>        |
| <b>Shane Cameron, Sumitha Gounden, Chris McAlister</b> | <i>Novel proactive screening for rehabilitation in a rural hospital</i>  |
| <b>Pascale Dettwiller</b>                              | <i>Goal attainment in communication disorders: valid or not valid for Aboriginal children?</i>                     |
| <b>Euna Hwang</b>                                      | <i>Rural discharge: innovation in a regional hospital to enable safe patient discharge</i>                         |
| <b>Vivian Isaac</b>                                    | <i>A quasi-experimental study of an innovative personalised model of care for dementia</i>                         |
| <b>Shobhana Katti, Tim Wong</b>                        | <i>Colorectal cancer screening participation in Central West NSW and barriers affecting compliance</i>             |
| <b>Anna Kearney, Pascale Dettwiller</b>                | <i>Women's health taboo: exploring termination of pregnancy in a regional setting</i>                              |
| <b>Nicole Kyrkou</b>                                   | <i>Health service utilisation by children living with disability in rural South Australia</i>                      |
| <b>Michael Leach</b>                                   | <i>Treatment combinations among prostate cancer patients diagnosed in the Loddon Mallee region</i>                 |
| <b>Melissa Loorham</b>                                 | <i>Metropolitan/regional engagement: working towards sustainable professional networks</i>                         |
| <b>Melissa Loorham</b>                                 | <i>Optimising subregional nurse-led oncology services supported by outreach through action research planning</i>   |
| <b>Sarah Prior</b>                                     | <i>Post-stroke infection rates in Tasmania</i>   |
| <b>Penelope Slater</b>                                 | <i>Making a difference: a pop-up model for paediatric palliative care</i>  |
| <b>Ilana Solo</b>                                      | <i>Regionally, psychological/behavioural comorbidities are more common in lung compared with colorectal cancer</i> |
| <b>Selina Taylor</b>                                   | <i>Rural pharmacy rotation: a unique student experience in remote practice</i>                                     |

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## RURAL WORKFORCE AGENCIES

