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# AIHI **Innovate**

## Issue 11. 2021

**Australian Institute of Health Innovation**  
Faculty of Medicine, Health and Human Sciences  
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### Impact



## **New research shows how time in hospital impacts education**

### **Risk to results and school completion**

New research shows that being hospitalised for asthma puts young women at a 33% higher risk of not completing year 12 than their peers.

Further, being hospitalised for any type of injury leaves young people with an average 12 per cent higher risk of not achieving the national minimum standard (NMS) on their NAPLAN test in numeracy, and a 9 per cent higher risk when it comes to reading.

Here are the links to the research from Associate Professor Rebecca Mitchell or [email us](#) to request a copy:

**[ASTHMA AND ACADEMIC PERFORMANCE](#)**

**[INJURY AND ACADEMIC PERFORMANCE](#)**

[Privacy](#)



## The data you provide to a health app is not as private as you might expect

World first large-scale analysis

Associate Professor Shlomo Berkovsky and a team of researchers conducted a world first large-scale analysis of mobile health (mHealth) apps available on Google Play with the goal of providing a comprehensive view of mHealth apps' security features and gauging the associated risks for mHealth users and their data.

Despite being better aligned with security best practices than non-mHealth apps, mHealth apps are still far from ensuring robust security guarantees. App users, clinicians, technology developers, and policy makers alike should be cognizant of the uncovered security issues and weigh them carefully against the benefits of mHealth apps.

[READ MORE](#)

Aged Care



**New NHMRC Partnership**

Diagnostics



**New NHMRC Partnership**

## Project - Aged Care

Professor Johanna Westbrook

The overuse of antibiotics and antipsychotic medication in residential aged care facilities will be addressed in a new national project to make care safer for residents.

[READ MORE](#)

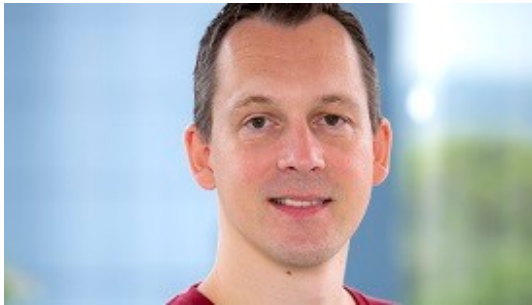
## Project - Diagnostic Excellence

Professor Andrew Georgiou

New federal funding will improve disease diagnosis and management by ensuring the right pathology and medical imaging tests are ordered and used.

[READ MORE](#)

### Brain Injury



## Repeated head trauma is a deadly knockout for boxing

At least 15% of retired professional boxers live with chronic brain injury, including the rare fatal brain disease chronic traumatic encephalopathy, or CTE.

In the most comprehensive investigation of boxing-related deaths in Australia, Dr Reidar Lystad has shown that regulations are failing to protect boxers from death and serious brain damage.

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### Nursing



## Computerised decision support tools in nursing - where and how?

Research by Ms Saba Akbar into how well computerised decision support systems cover nursing standards of practice has been awarded Best Student Paper at NI2021, the Nursing Informatics International Congress.

The findings not only highlight gaps in systems but also offer opportunities for further research development in this area.

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Event



**AIHI webinar series**  
PROFESSOR HARRIET HISCOCK PRESENTS:  
STRENGTHENING CARE FOR CHILDREN  
**20 October 2021**

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OF HEALTH INNOVATION  
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and Human Sciences*

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## **Register now - AIHI Webinar Strengthening care for children**

**Wednesday, 20 October 2021  
2.00pm-3.00pm (AEDT)**

Over the past two decades, Australia's paediatric population has grown by 19%. Yet children represent an ever-smaller proportion of primary care visits with increased demand on hospital emergency departments and clinics for conditions that could be managed in primary care.

In this Webinar, paediatrician Professor Harriet Hiscock will discuss the pilot results and implementation challenges of the Strengthening Care 4 Children integrated GP-paediatrician model of care.

**REGISTER NOW**

**We are hiring - closing soon**



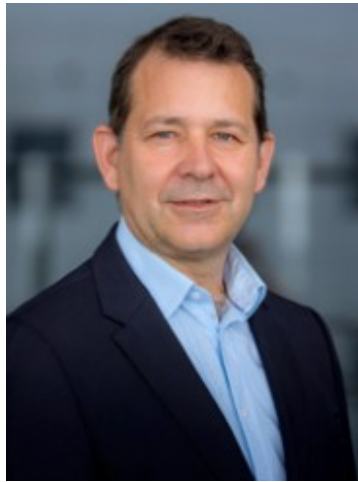
- Registered nurses for nurse surveyor roles in South Australia - [read more](#)
- Postdoctoral Research Fellow experienced in mixed-methods research - [read more](#)
- Postdoctoral Research Fellow to explore principles for health system reconfiguration in times of crisis - [request info](#)
- Research Assistant to be based in Melbourne - [read more](#)
- Research Assistant with experience related to health services research, models of care, or mixed-methods research - [request info](#)
- Research Assistant for project to improve care for children, would suit potential PhD candidate - [request info](#)
- PhD scholarships - [read more](#)

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**[Prof Johanna Westbrook](#)**

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