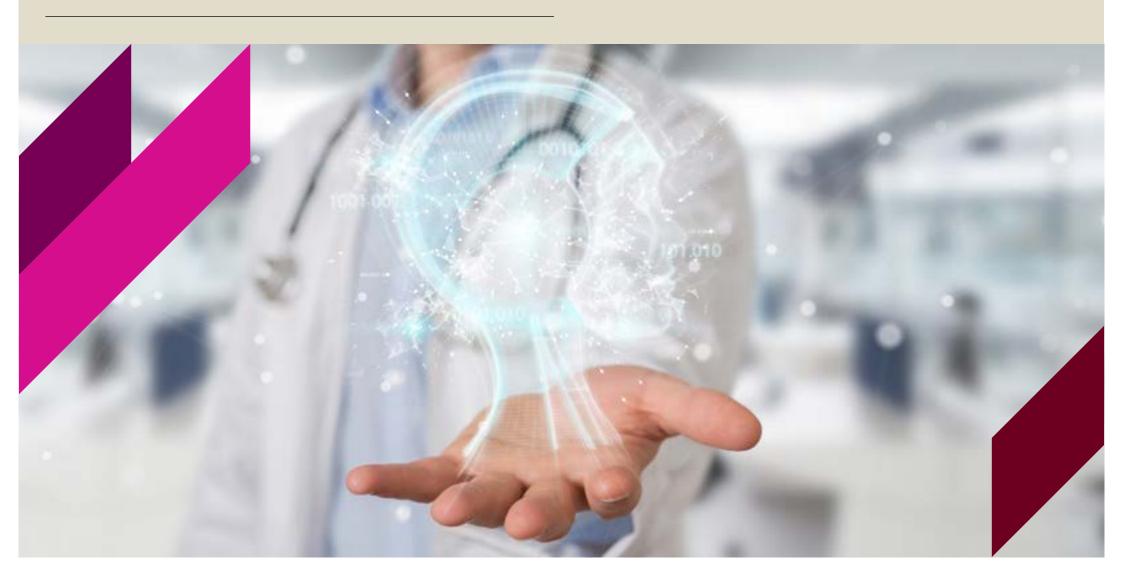


# Australian Institute of Health Innovation



### **Australian Institute of Health Innovation**

#### A WORKPLACE LIKE NO OTHER

#### Dear colleague

Thank you for your interest in working with the Australian Institute of Health Innovation (AIHI) at Macquarie University.

AIHI is a globally recognised research-intensive institute with a steadfast commitment to improving healthcare services and health systems in Australia and internationally. We are located within Australia's first fully integrated academic health sciences centre, MQ Health at Macquarie University – ranked in the top one per cent of universities worldwide. We provide research, evaluations, evidence-based advocacy, implementation science and consulting expertise – all crafted to strengthen health systems.

Our overarching goal is to design, execute and disseminate evidence to improve the performance of healthcare so that person-centred care is delivered efficiently and effectively over the long term – that is, sustainably.

AIHI is the largest health services research institute in Australia and one of the largest of its kind internationally. We are engaged with more than 100 projects annually representing more than \$80 million in funding.

We have a thriving, inclusive environment that promotes excellent scholarship, collaboration, research activities and translation of evidence into practice.

We are proud that AIHI is known for productive and highly valued collaborations with patients, clinicians, policymakers, health sector organisations and researchers. Our work has been highly impactful, contributing to healthcare projects and initiatives with the Australian Government, state and territory governments, and the private sector. AIHI also collaborates with major international agencies – including the World Health Organization, the International Society for Quality in Health Care and the Organisation for Economic Co-operation and Development (OECD) – and on various of health reform with governments, policymakers and academics worldwide.

The Institute's success is attributable to our first-class academics and visiting researchers, supported by a highly skilled team of professional staff. We value our higher degree research students and early career researchers as the next generation of experts, and we contribute to multiple teaching programs within Macquarie University. AIHI also designs and contributes to industry-based education programs.

In conjunction with my fellow directors – Professor Johanna Westbrook, Professor Enrico Coiera and Professor Henry Cutler – I am proud to lead the institute. We always welcome high-calibre candidates to join our team.

Kind regards

**Professor Jeffrey Braithwaite** FOUNDING DIRECTOR



Professor Jeffrey Braithwaite



## Where you will work

The Australian Institute of Health Innovation (AIHI) has the largest grouping of health services researchers in Australia and is one of the largest in the world. Reflecting the diverse and multidimensional nature of its research, AIHI attracts highly skilled professionals (eg clinicians, scientists, social scientists, psychologists, engineers, epidemiologists, informatics experts, economists, statisticians and analysts) in order to develop expert communities of practice, create multidisciplinary research teams and engage in synergistic networking and co-authorship with many partners.

AIHI is led by Founding Director Professor Jeffrey Braithwaite, an internationally recognised health services and systems researcher. Directors alongside Professor Braithwaite are: Professor Johanna Westbrook, a leading informatics and patient safety researcher; Professor Enrico Coiera, a renowned informatics and AI expert; and Professor Henry Cutler, a prominent health economist.

AIHI comprises four independent, complementary and highly collaborative Macquarie University research centres, alongside three additional NHMRC-funded centres. Each centre takes a systems perspective to solve healthcare problems using innovative and wide-ranging research methods. The University centres are:

- · Centre for Healthcare Resilience and Implementation Science
- · Centre for Health Informatics
- · Centre for Health Systems and Safety Research
- · Macquarie University Centre for the Health Economy.

AIHI's leadership in translational health services research is further evidenced by the innovative work of three NHMRC-funded centres:

- · NHMRC Partnership Centre for Health System Sustainability
- · NHMRC Centre of Research Excellence in Digital Health
- · NHMRC Centre of Research Excellence in Implementation Science in Oncology.

#### **AIHI AT A GLANCE**



#### \$53M Enterprise value of projects under AIHI management



\$109M

Enterprise value of projects involving AIHI and managed elsewhere



179

Research projects under direct AIHI management or in collaboration with others



The number of peer-reviewed outputs produced by AIHI annually



### Organisation chart

**Vice-Chancellor** Professor S Bruce Dowton

**DEPUTY VICE-CHANCELLOR (MEDICINE AND MACQUARIE BUSINESS SCHOOL HEALTH) AND EXECUTIVE DEAN, Executive Dean** Faculty of Medicine, Health and **Professor of Strategic Management Human Sciences** Professor Eric Knight Professor Patrick McNeil **ADMINISTRATION**  $\leftarrow$ **AUSTRALIAN INSTITUTE OF** ightarrow AIHI BOARD **HEALTH INNOVATION (AIHI) Founding Director** Professor Jeffrey Braithwaite **CENTRE FOR HEALTH CENTRE FOR HEALTH** 

CENTRE FOR
HEALTHCARE RESILIENCE
AND IMPLEMENTATION
SCIENCE (CHRIS)

#### Director

Professor Jeffrey Braithwaite

- Complex Systems and Implementation Science
- · Health and Societal Outcomes
- · Human Factors and Resilience
- International Healthcare Reform
- · Learning Health Systems
- Patient Safety and Appropriateness of Care

SYSTEMS AND SAFETY RESEARCH (CHSSR)

#### Director

Professor Johanna Westbrook

- Aged Care Evaluation and Research
- · Diagnostic Informatics
- · Health Analytics and Patient Safety
- Medication Safety and Electronic Decision Support
- Healthcare Engagement and Workplace Behaviour

#### INFORMATICS (CHI)

#### Director

Professor Enrico Coiera

- Australian Alliance for Artificial Intelligence in Healthcare (AAAiH)
- AI Systems Safety
- Climate Change and Digital Health
- Clinical AI and Sensing Technologies
- Consumer Informatics
- · Translational AI for Healthcare

MACQUARIE UNIVERSITY CENTRE FOR THE HEALTH ECONOMY (MUCHE)

#### Director

**Professor Henry Cutler** 

- Health Technology Assessment
- Health Services Economic Evaluation
- Consumer Choice Analysis
- Healthcare and Aged Care Policy Evaluation
- · Funding and Financial Reform
- · Health Preference Research

NHMRC PARTNERSHIP CENTRE FOR HEALTH SYSTEM SUSTAINABILITY

NHMRC CENTRE OF RESEARCH EXCELLENCE IN DIGITAL HEALTH

NHMRC CENTRE OF RESEARCH EXCELLENCE IN IMPLEMENTATION SCIENCE IN ONCOLOGY

### **About Macquarie University**

Macquarie University is recognised globally for its pre-eminence in key research disciplines, as well as producing graduates who are among the most sought-after professionals in the world.

Since our foundation in 1964, we have aspired to be a different type of university: one unbound by ivory towers and sandstone walls. Rather, we are focused on fostering collaboration between students, academics, industry and society – and on encouraging all to traverse the boundaries of their own perspectives and effect change.

The expansive park-like campus of Macquarie University, just 15 kilometres from the centre of Sydney, is unrivalled in any cosmopolitan city in the world. We also offer world-class facilities at our CBD campus to create a premium learning experience for executive and postgraduate students.

Our high-tech library, private teaching hospital, cutting-edge facilities, excellent transport links and proximity to global companies located in the Connect Macquarie Park Innovation District offer considerable opportunities for growth and development of research and commercial partnerships.



### Macquarie at a glance



RANKED #130 IN THE WORLD

and #10 in Australia

QS World University Rankings, 2024



40,000+ WORKPLACE EXPERIENCES

or community experiences through our PACE (Professional and Community Engagement) partnerships



4000+ PARTNER ORGANISATIONS

across Australia and around the world, providing access to industry contacts that help develop valuable employability skills



ONLY UNIVERSITY IN AUSTRALIA

with its own metro station



LOCATED IN SYDNEY'S

LARGEST BUSINESS PRECINCT

only 15 kilometres from the Sydney CBD



190 PARTNER UNIVERSITIES FOR STUDENT EXCHANGE

in more than 40 countries



44,000+ CONNECTED STUDENTS

from more than 129 countries



\$1 BILLION INVESTED TO CREATE A COLLABORATIVE CAMPUS

with world-class facilities and infrastructure



**WALLUMATTAGAL CAMPUS** 

is set on 126 hectares of stunning parkland



225,000 ALUMNI IN OUR INTERNATIONAL COMMUNITY

from more than 155 countries



**3 SUBJECTS** 

ranked in the top 50 globally and 7 in the top 100

QS World University Rankings by Subject, 2023



RANKED #8
IN AUSTRALIA

for employment outcomes QS World University Rankings, 2024



AUSTRALIA'S FIRST FULLY
INTEGRATED HEALTH PRECINCT

centred around our on-campus hospital and clinics



40+ SINGLE
BACHELOR DEGREES

many of which are designed in consultation with industry



100% OF RESEARCH ACTIVITY

rated at world standard or above

Excellence in Research for Australia, 2018

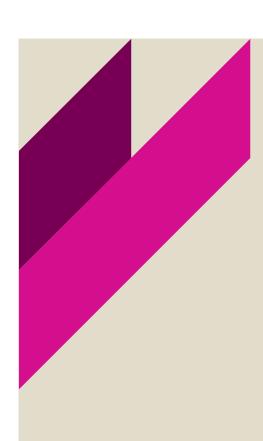
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**PHOTOS:** Morris McLennan, Jesse Taylor and Paul Wright

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