



Putting evidence to work

Annual Report 2018–19

#### **Our mission**

To improve health and wellbeing by driving the use of research in policies, programs and services.

#### **Our vision**

The Sax Institute is a national and international centre of excellence in embedding research into the fabric of policy, program and service delivery decisions.

#### **Our values**

#### We have

**Impact** – We are invested in helping our partners solve real-world problems and find solutions.

**Integrity** – We are committed to doing things well, and doing things right.

#### We are

**In touch** – We can forge partnerships and bring people together because our expertise in both research and decision making means we truly understand their needs.

**Innovative** – Our valuable research assets and our drive to develop new ways of working lay the groundwork for ideas that break through and lead to change.

**Independent** – We have strong connection to the policy work and our research organisation members, but we value our neutrality.

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Level 13, 235 Jones Street Ultimo NSW 2007 P +61 2 9188 9500 F +61 2 9188 9501

E communications@saxinstitute.org.au

W www.saxinstitute.org.au

www.saxinstitute.org.a

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#### At a glance





#### reviews

commissioned by policy agencies through our Evidence Check program by 30 June 2019 (since program set up in 2006)



#### researchers

actively using the SURE platform as at 30 June 2019—a 31% increase over 12 months



#### participants

in the 45 and Up Study were sent the latest edition of the Study's Catch Up newsletter in May 2019



## 55

#### research projects

completed to date or underway at The Australian Prevention Partnership Centre



increase in people accessing our Evidence Check library



increase in visits to the website of our journal 'Public Health Research & Practice'



increase over the year in subscribers to our newsletter, Evidence Matters

## **Q** 62% ↑

increase in new website users, indicating significant growth in our reach

# Using evidence to improve health

Australia spends \$185 billion on health care annually. An evidence-informed health system will ensure that these funds are spent wisely to deliver the greatest improvements in health to the Australian population.

#### **About the Sax Institute**

The Sax Institute is an independent, not-for-profit organisation and a national leader in driving the use of research evidence in policies and programs to improve the health and wellbeing of Australians.

The Institute strives to ensure that those who make decisions about health policies, programs and services are armed with the right knowledge from research, when they need it, so that health services are designed and delivered in ways that reflect the evidence about what works.

We have an international reputation as an evidence specialist and have built up a near two-decade track record of innovation in helping decision makers analyse and address health policy problems.

We have an extensive membership comprising many of the country's leading research institutes. We work with many governments, health service providers and NGOs across Australia, and have an unrivalled ability to marshal the best research expertise that cuts across institutional barriers and alliances.

#### We are:

- One of the few organisations established to work at the synapse between the world of research and the world of health decision making
- Trusted by both policy agencies and researchers and valued for our independence from professional and vested interests
- Internationally recognised as an evidence specialist
- Skilled in the worlds of both research and health decision making
- > Well-established, with a network of more than 50 Member research organisations across Australia.

#### **Our purpose**

- 1 Pave the way for more high-impact research by building research platforms, partnerships and skills
- 2 Deliver new intelligence that helps our partners address challenges in policy, program and service delivery
- **3 Connect decision makers** with what is known from research so that they can access the right evidence at the right time.

# Message from the acting Chair

Our partners, collaborators and clients value three characteristics above all that define the Sax Institute: our independence, our expertise and our determination to follow the evidence.



This year has been exceptionally strong for the Sax Institute and has demonstrated a growing interest nationally in our expertise and approach – neatly summarised in our self-description as an 'evidence specialist'.

Evidence from research lies at the heart of everything we do. It is embedded in our mission statement, which calls us to "improve health and wellbeing by driving the use of research in policies, programs and services". It is reflected in our vision, which sees us "embedding research into the fabric of policy, program and service delivery decisions". And it threads through our values, which emphasise the foundations that evidence provides for impact as well as innovation.

It has been exciting to see the Institute not only continue to succeed in 2018–19, but to expand its work.

Our 45 and Up Study continues to prove a vital resource for unlocking the secrets of healthy ageing, with the Sax Institute leading a research project funded by the Australian Government's Medical Research Future Fund that will inform better practice in the prevention and management of dementia. The project will link eight datasets to the health and other information gathered about the Study's 267,000 participants, and provides another example of the value of this globally significant resource. Meanwhile, our Knowledge Exchange program has seen a strong rise in demand from policy agencies for expert advice and input in various forms, and our nationally significant Secure Unified Research Environment (SURE), a secure online environment used by government agencies and research organisations to analyse potentially sensitive health or other data, has seen a surge in demand, with nearly one-third more users by the end of June 2019 compared with 12 months earlier.

Perhaps more significantly, this year has seen the Institute consolidate its position as a national leader in encouraging and facilitating the uptake of research evidence into policy and practice. One illustration of this has been the publication in a leading journal of an internationally significant piece of research by Sax Institute staff that demonstrated an effective approach to empowering policy agencies to find and use research evidence. While these and the other achievements detailed in this report are gratifying, we should be in no doubt about the potential for improvement that persists throughout the health system. The Productivity Commission's report *Shifting the Dial* in 2017 identified "numerous opportunities to improve health outcomes for given expenditure", including through a more robust approach to prevention, a key area of national leadership for the Sax Institute through The Australian Prevention Partnership Centre. The report also noted the promise of data to "revolutionise research into 'what works'" – another key focus of the Institute's work.

The Sax Institute strongly believes in the value of partnerships and the power of collaborations in addressing difficult policy questions in health and other contexts, and for this reason we are also expanding our relationships with corporate Australia, which has a vital stake in improving the health of Australia's population. It has been my honour to serve as the Sax Institute's acting Chair in 2018–19, and I take this opportunity to thank our previous Chair, Dr Irene Moss AO, for her significant contribution in steering the Sax Institute through a sustained period of growth and evolution. I would also like to thank my fellow Board members for their wise counsel and input, and to congratulate the Institute's CEO, Professor Sally Redman, and the organisation's staff on a very successful year.

Viale

Ms Kim Anderson Acting Chair

 Sax Institute CEO Professor Sally Redman chairs a lunch in Sydney on 'Improving health outcomes: genomics and precision medicine' organised by the Committee for Economic Development of Australia on 21 May 2019.



## 2018–19 in review

This report presents an overview of the Institute's key achievements and milestones over the year through the lens of our four areas of expertise: analysing challenges in health; reviewing, evaluating, investigating and communicating research outcomes; building skills in working between the research and policy communities; and developing and sustaining collaborations.

#### Analyse challenges in health

## Understanding how to improve prevention and care for cancer

Cancer remains the single biggest cause of death and disability in Australia, and the Sax Institute's 45 and Up Study is an excellent tool for understanding how to improve care.

The Institute hosted a meeting of more than 50 senior cancer researchers, practitioners, policy makers and thought leaders in December 2018 to discuss new ways of using the 45 and Up Study to advance cancer research. Opened by internationally renowned cancer epidemiologist Professor Dame Valerie Beral, the meeting, held at NSW Parliament House, heard about the growing value of the Study for researching cancer causes, detection and treatments, with the passage of time resulting in more cancers coming to light among the 260,000 participants.

The meeting highlighted ways in which the Study could improve cancer prevention, such as by facilitating the development of more accurate risk-classification tools that could make lung cancer screening for high-risk groups a reality. The forum also heard from other experts, such as Professor Karen Canfell, Director of the Cancer Research Division at Cancer Council NSW, who strongly backed the usefulness of the Study in cancer research and said it "provides the opportunity to uncover part of the story of how to improve outcomes".



Speakers at the 45 and Up Study Forum on improving cancer outcomes through longitudinal research were (L-R) Sax Institute Senior Adviser Professor Emily Banks, Professor Dame Valerie Beral, Professor Karen Canfell and moderator Leanne Wallace, senior adviser with Nous Group.

#### Innovative approaches to addressing the burden of heart disease and preventing suicide

Health decision makers often face a challenge when seeking to make sense of the evidence on an issue when the factors at play are many and complex, and potential solutions can be combined in many different ways. Our Decision Analytics program has been using dynamic simulation modelling to help guide these complex decisions.

For example, we built a dynamic simulation model that forecasts the effects of various public health strategies to reduce the burden of cardiovascular disease (CVD) in Australia. The participatory model-building process engaged more than 20 policy makers, researchers and consumer and industry representatives. Using a broad systems perspective, the causal and service pathways relevant to CVD were mapped; the best available evidence on treatments, preventive approaches and causal factors was incorporated, and a user-friendly interface was constructed to facilitate interaction with the model. The model highlights the importance of considering flow-on effects. For example, improving survival alone without addressing underlying CVD risks will lead to an increase in hospitalisations in the long-term. It also demonstrates the value of all parts of the health system acting in a coordinated manner to address the CVD challenge and in effectively curbing the significant growth in CVD-related health and economic burden.

In another project, the Sax Institute in partnership with the Translational Health Research Institute, Western Sydney University and Western NSW Primary Health Network (PHN) adopted a systems dynamic modelling approach to inform decisions on suicide prevention interventions in the Western NSW PHN. Collaboration between the core model-building team and key PHN stakeholders provided insights into mapping of the key components of mental health service pathways in the catchment. Using existing research evidence, available data, and expert knowledge, the model determined the likelihood of a range of intervention and service planning scenarios delivering reductions in suicides and suicidal behaviour in Western NSW. The model was highly commended by the Clinical Governance



Stakeholders from a range of disciplines meet in Sydney in November 2018 to collectively map complex systems as the first step in building a dynamic simulation model of cardiovascular disease.

Council in Western NSW PHN for providing robust, substantive evidence on direct service delivery on suicide prevention in the catchment.

The Sax Institute's Decision Analytics program delivered a significantly expanded program of work in 2018–19, with projects involving a diverse range of topics covering cardiovascular disease, reducing the burden of osteoporosis, how best to target investments to tackle risk factors for lifestyle-related chronic diseases, mental health service planning, the social determinants of suicidal behaviour, homelessness, and child protection. The work has explored why some evidence-based interventions fail to produce expected impacts at the population level in certain contexts, and has demonstrated the existence of 'tipping points' that are reached when, for example, acute psychiatric hospital beds fall below a certain level. The systems modelling and simulation tools developed by Decision Analytics are being used to inform strategic planning, advocacy and alliancebuilding at national, state and regional levels. In light of the policy demand for this work, capacity-building efforts are underway, including placements open to NSW Health Biostatistics Training Program trainees.

## Australia's largest linked-data research asset gathers pace

We intend to build Australia's largest 'joined-up' research asset by adding biological data – gained from analyses of blood samples provided by invited 45 and Up Study participants – to the already large pool of data collected for the Study. When complete, this additional source of data will provide valuable new insights into the causes and predictors of many health conditions. By allowing researchers to link this biological data with information about participants' lifestyles, environment, health status and health service use, this initiative will build on the 45 and Up Study in exciting new ways.

The initial sample collection is being conducted as part of the Link Up Pathology Pilot Program, which has obtained blood samples from more than 1,200 participants from the 45 and Up Study across seven Local Health Districts in NSW. This early phase of our collection effort will help the Institute understand the most practical ways to collect such samples from 45 and Up Study participants and support future research to help understand the link between genes, biology and health. The pilot has been led by the Sax Institute in collaboration with NSW Health Pathology and the new NSW Health Statewide Biobank and is expected to be completed and evaluated by early 2020.

The Sax Institute was also successful in applying for the 2018–19 NSW Health Biospecimen Collection Grants, valued at \$100,000, to continue building the 45 and Up Study's blood collection into a pioneering national resource.

Providing a blood sample to the 45 and Up Study's Link Up Pathology Pilot Program will give future generations a better chance of living a greater portion of their lives free from disease and disability.

#### Secure Unified Research Environment: safer, faster and more useful for analysing sensitive data

The Sax Institute's Secure Unified Research Environment (SURE) plays a key role in enabling researchers to have secure and controlled access to sensitive health and other data as part of ethically approved research studies. It allows the value of these data to be more readily unlocked for research and health policy decision making.

A step change in the performance of SURE was triggered in May 2019, which has resulted in researchers being able to perform analyses in as little as half the time previously required – meaning faster answers to important health questions, and representing a significant addition to the value of this nationally important piece of research infrastructure. This major advance was made possible by the commissioning of new servers partly funded by the Office of the Chief Scientist and Engineer, NSW Department of Industry. The Population Health Research Network has also funded an expansion of the amount of memory the new servers will have available.

This year also saw a surge in the number of data custodians using SURE to provide data to researchers, with users now including the Australian Taxation Office, the Australian Institute of Health and Welfare and the Tasmanian Epilepsy Register. As at 30 June 2019, there were 104 active workspaces established in, and 349 active researchers using, SURE. This is an increase of 17% in the number of active workspaces and 31% in the number of active users compared with this time last year.

SURE is funded by the Population Health Research Network (PHRN) as part of the National Collaborative Research Infrastructure Strategy (NCRIS).

#### Women and heart health roundtable

In line with our mission to improve health and wellbeing by driving the use of research in policies, programs and services, in December 2018 the Institute organised – in partnership with the Heart Foundation and the University of Sydney – an expert roundtable to discuss evidence about the treatment, care and outcomes of Australian women with heart disease.

The event proved timely, as it followed publication of a study in the *Medical Journal of Australia* that found women being treated for a particularly serious form of heart attack (known as an ST-elevation myocardial infarction, or STEMI) were significantly less likely than men to receive best-practice care. The meeting, organised as part of the Heart Foundation's Women and Heart Disease Program, was facilitated by Sian Rudge, Head of the Sax Institute's Evidence for Action Division. The roundtable included more than 30 Australian experts, including cardiologists, GPs, cardiac nurses, researchers, public health professionals and policy makers. One of the speakers, Sax Institute Senior Adviser Professor Emily Banks, who is also the recipient of a Heart Foundation research grant to investigate barriers to understanding heart disease in women, told the meeting it was unclear why women received sub-standard care, given clear guidelines existed for the treatment of STEMI, and that one important area for inquiry would be identifying any social factors affecting clinician and patient decision making. The meeting proved a valuable forum for working out useful ways to progress tackling this important health issue.

Professor Emily Banks addressing the Women and heart health roundtable at the Heart Foundation offices in Sydney in December 2018.





The Secretary of NSW Health, Ms Elizabeth Koff, delivers the opening keynote address at the 2018 Research Action Awards in Sydney.

## Understanding dementia: the 45 and Up Study

The recognition of the value of the Institute's 45 and Up Study – the largest ongoing study of healthy ageing in Australia, and one of the largest in the world – continues to grow. The latest example is a project led by the Institute with the University of NSW and the National Ageing Health Research Institute to inform practice and policy related to the prevention and management of dementia in Australia.

Unlike other major chronic conditions, the body of evidence for dementia is less robust, and the lack of understanding around dementia can result in barriers to its prevention and care. The research project commenced in August 2018 after being selected for support by the MRFF's Boosting Preventive Health Research Program. The project has been busy preparing for over eight health datasets to be linked to help answer questions about dementia and aims to develop a series of easy-to-use resources to support and emphasise interventions that will inform an effective and sustainable healthcare system for Australians. This and similar projects attest to the value of the 45 and Up Study. The 45 and Up Study continues to receive funding from Cancer Council NSW, the Heart Foundation, the Australian Red Cross Blood Service, the NSW Ministry of Health and NSW Department of Family and Community Services.

The 45 and Up Study passed an important milestone in 2018–19, with the 10th anniversary of the date when recruitment into the Study was completed. Since then, over 750 researchers in NSW, nationally and internationally, and from 90 organisations and institutions, have used the Study to answer research and policy questions across many areas of healthy ageing, including cancer, heart disease and mental health and wellbeing. The Study has generated over 330 peer-reviewed scientific publications, adding significantly to the body of expert knowledge on healthy ageing for Australians.

# Review, evaluate, investigate and communicate research outcomes

#### Rapid reviews to underpin health policy decisions: A strong year for Evidence Checks

We already know from research conducted by the Sax Institute's experts that policy agencies use our Evidence Check reports in different kinds of policy processes, and on average they are used for three purposes, indicating the high degree of usefulness of these reviews. Demand for this service, one of the Institute's longest-running programs, Evidence Check, rose strongly in 2018–19, with no less than 50 new projects for this and other services delivered by the Knowledge Exchange team – one-third more than in previous years.

An Evidence Check summarises evidence on a given topic to help decision-makers and staff in government and non-government organisations answer a range of policy and practice questions. More than 300 Evidence Checks have been commissioned to date.

As an example, in 2018–19, the mental health notfor-profit organisation Beyond Blue commissioned two series of Evidence Check reviews to build on its successful advocacy for policy reform in lowintensity services, mental health in education and suicide prevention, and to influence the next wave of Australia's mental health and suicide prevention policies. Beyond Blue wanted firstly to identify programs and services that had the potential to achieve transformational reform within Australia's mental health and suicide prevention systems, and secondly to transform Australia's approach to supporting children's and young people's mental health in early learning services and schools.

Meanwhile, the range of organisations that have commissioned Evidence Checks is now very diverse and, in addition to Beyond Blue, in 2018–19 included the NSW Ministry of Health, Victorian Health Promotion Foundation, Cancer Institute NSW, the Heart Foundation, the Australian Commission on Safety and Quality in Health Care, the Mental Health Commission of NSW, the Clinical Excellence Commission, NSW Ambulance, the Office of Preventive Health, Cancer Council NSW, the NSW Department of Family and Community Services, and Queensland Health. Questions addressed in Evidence Checks published in 2018–19 include: the safety and efficacy of chimeric antigen receptor T-cell (CAR-T) therapy; the effectiveness and appropriateness of communitybased psychosocial support services and programs for refugees and asylum seekers; how best to improve social and emotional wellbeing for Aboriginal and Torres Strait Islander peoples; and effective approaches to improving the mental health of people living in drought-affected communities.

## Communicating emerging research through PHRP

The Sax Institute's quarterly peer-reviewed journal, Public Health Research & Practice, has continued to build its communication of new research findings with implications for policy and practice, with three editions and 14 Early Online papers published in the 2018–19 year, with the fourth edition falling just after the financial year's end.

Covering topics as diverse as the impact of climate change on health, childhood overweight and obesity, and innovation in population health, the editions proved highly engaging and saw visits to the journal's website increase by 17% in 2018–19 compared with the previous 12-month period. Downloads of PDF versions of papers also increased.

The journal is increasing its international reach, with a growing proportion of readers in the US, UK and Canada.

In 2018–19 the Institute recognised the high quality of papers being published in the journal by creating the Public Health Research & Practice Excellence Awards. Two awards were made in November 2018: one for Best Paper, and the other for Best 'In Practice' Paper which recognises work written by frontline practitioners. Both Awards were judged by members of the journal's Editorial Board.

The Best Paper Award was won by a team led by Associate Professor Ray Lovett from the Australian National University (ANU) for research on Aboriginal and Torres Strait Islander smoking rates; while the Award for Best 'In Practice' Paper went to a team led by Dr Claire Hooker from the University of Sydney for work on communicating with the public about naturally occurring asbestos.



• The Institute's Decision Analytics modelling team guided testing of key strategies on a user-friendly interface of the dynamic simulation model at a workshop held in Sydney in May 2019.

#### **Evaluate: Informing policy decisions** through pragmatic evaluations

So much can be learned from careful examination of the roll-out of policies and programs – what works in the real world, for whom and under what circumstances.

Our Evaluate team designs evaluation frameworks, conducts evaluations and supports evaluation capacity development. The team had their biggest and busiest year yet, managing 23 projects and working with a wide range of organisations across most jurisdictions.

Evaluations (or evaluation plans) covered policies and programs across diverse topic areas, including suicide prevention, mental health in drought-affected parts of Australia, disability inclusion, youth cancer services, supporting cardiovascular health, end-of-life planning, and mentoring programs for refugee youth. Work was done in partnership with the NSW Ministry of Health, Cancer Institute NSW, NSW Department of Families and Community Services, Australian Government Department of Health, Victorian Department of Health and Human Services, Clinical Excellence Queensland, Tasmanian Department of Health, Coordinare (South Eastern NSW Primary Health Network), and CanTeen (a national NGO).

In one of the projects, the Institute, in partnership with Southern Synergy, Monash University, designed and conducted the establishment phase evaluation of the Place-Based Suicide Prevention Trials, a flagship initiative of the Victorian Suicide Prevention Framework 2016–2025.

The trials involve the Victorian Government partnering with Primary Health Networks (PHNs) to trial a placebased approach to reducing suicide in 12 communities across all six Victorian PHN regions. The evaluation included analysis of a range of administrative, survey and interview data collected from DHHS Central, the PHN and DHHS staff working in the 12 sites and their various partners. The recommendations from the evaluation were reviewed by the state-wide Project Steering Committee and were used to assess implementation and achievements to date and develop strategies for building on the collective impact approach, including continued focus on strengthening relationships and capacity on the ground.

The resulting report discussed outcomes achieved and provided recommendations for the ongoing commitment to disability inclusion in order to enhance consistency across state and local government agencies. It is also being used to inform the review of the Disability Inclusion Act 2014 (NSW) conducted by the NSW Government.

## Sharing findings with participants: 45 and Up Study

All researchers value the contribution of participants, without which research would not be possible. It is important not to underestimate the interest participants have in the outcomes of the research to which they have contributed, nor their views on what research might be important or how much information they would like to receive about it. Such participants represent a powerful engine for dissemination and mobilisation of these research efforts. The Institute launched a Facebook page in March 2019 to support participants in the 45 and Up Study and to serve as an information portal for participants, public health researchers and others interested in learning more about the Study's important work. The page provides a valuable conduit for sharing important new findings to emerge from the Study, including new evidence on healthy ageing and what works to help people live longer and healthier lives. The page is also a space to promote interaction and engagement with the Study and increase the understanding of the Study's contribution to a healthier population.

The page got off to a strong start, attracting almost 500 followers by 30 June 2019 despite a 'slow growth' strategy, which acknowledged the lower levels of technology and Facebook use in the 45 and over age group. Each post achieved an average reach of 320 people, and comments from subscribers has been highly positive.

The 2019 issue of the 45 and Up Study Participant Newsletter *Catch Up* was sent to over 200,000 Study participants in early 2019. It focused on how minor lifestyle choices can impact heart health and the benefits of even small amounts of vigorous exercise, along with other Study highlights over the past year.



Institute Deputy CEO Dr Martin McNamara records a video for the launch of the 45 and Up Study's Facebook page in March 2019.



 Members of the collaborating organisations meet with Federal Health Minister Greg Hunt, UTS Vice-Chancellor Professor Attilla Brungs and others at the launch of the OUTBREAK project, which was announced in May 2019.

## Sax Institute helping in the fight against antimicrobial resistance

Antimicrobial resistance (AMR) is an increasing global threat both in Australia and internationally. A global review commissioned by the UK Government in 2014 found AMR will potentially claim 10 million lives annually by 2050, becoming a bigger killer than cancer. The Sax Institute will play a role in helping to counter this threat through our partnership in a ground-breaking multi-institutional project that has been allocated almost \$1 million from the Medical Research Future Fund's new Frontier Health and Medical Research Program. Announced in May 2019, the One-health Understanding Through Bacterial REsistance to Antibiotics Knowledge (OUTBREAK) project, led by the University of Technology Sydney, will develop an intelligence-driven decision-support system that will deliver an "integrated spatial and temporal map and artificial intelligence-powered 'knowledge engine' of AMR" to predict outbreaks and help guide decisions on effective interventions. The technology will integrate data from a number of sources, covering humans, animals, plants and the environment, including people participating in the Institute's 45 and Up Study.

This is a crucial project given the expanding threat posed by AMR, and one that shows the wide range of useful applications of 45 and Up Study data.

#### Build skills in working between the worlds of research and policy

#### Honouring researchers who make a difference: the Research Action Awards 2018

The Sax Institute was proud to honour three Australian researchers at our annual Research Action Awards for their ground-breaking work in three diverse areas: stroke prevention, reducing the toll of childhood injury, and addressing policy gaps for homeless people.

The Institute started the Research Action Awards in 2015, and we welcomed an audience of more 100 senior figures, including NSW Health Secretary Ms Elizabeth Koff and other policy makers, research leaders and academics to this year's fourth annual prize-giving ceremony. The Awards were presented by National Health and Medical Research Council CEO Professor Anne Kelso AO, who followed Ms Koff as the second of two main speakers at the event.

The Research Action Awards echo the Institute's mission – to improve health and wellbeing by driving the use of research in policies, programs and services – by recognising research that has made a real impact in one or more of these key areas.

The three winners were:

- Associate Professor Anne Abbott, who discovered that non-invasive medical intervention for advanced carotid stenosis (narrowing of the arteries supplying blood to the brain) could cut the risk of stroke by about two-thirds, compared with previous practice – and whose work proved instrumental in influencing a US decision not to fund widespread stenting in these situations
- Professor Kate Curtis, whose research described the incidence and causes of paediatric injury in Australia using data from over 500,000 hospitalisation and mortality records, and which was a key factor in the subsequent creation of Australia's first-ever national injury prevention plan
- Associate Professor Lisa Wood, whose team linked datasets held by different agencies that allowed them to track the health status and patterns of homeless people, and to develop new insights into predictors of homelessness, the effectiveness of interventions and the barriers to delivering policies and services that work.

 Pictured L-R: 2018 Research Action Award winner Associate Professor Anne Abbott, Monash University; NHMRC CEO Professor Anne Kelso AO; Winner Associate Professor Lisa Wood, University of Western Australia; and Winner Professor Kate Curtis, University of Sydney.



## Building skills to help drive the use of research evidence

The Institute developed and improved its training program in 2018–19, expanding into new formats and extending the reach of our well-received courses.

The training program expanded to offer seven separate training courses, ranging from half a day to three days in length. These were offered on a total of 14 occasions in 2018–19, an increase on the previous year.

The three-day course Building Successful Partnerships for Policy Relevant Research, developed through the NHMRC-funded Centre for Informing Policy in Health with Evidence from Research, was created to support early to mid-career researchers who want their research to help shape policy and practice. Facilitated by Sian Rudge, Head of the Institute's Evidence for Action Division, this course was offered on three occasions in 2018–19 and drew on the expertise of a number of experienced policy makers, researchers and other guest speakers, including Professor Adrian Bauman, Professor of Public Health at the University of Sydney; Associate Professor Sarah Thackway, Executive Director, Epidemiology and Evidence at NSW Health; and Professor Sally Green, Co-Director of Cochrane Australia.

There continues to be high demand for our course on working with Medicare and Pharmaceutical Benefits Scheme data, and we delivered it on three occasions in 2018–19. The course was delivered by webinar for the first time and was led by Dr Anna Kemp-Casey, a Research Fellow in the Medicines and Device Surveillance Centre for Research Excellence at the University of South Australia. We trialled the webinars on two occasions in response to requests for the course to be more accessible. Feedback from participants was very positive and this format enabled people from South Australia, Western Australia, Victoria, Queensland and ACT to participate, as well as making it easier for people in Sydney to attend.



Sax Institute Principal Senior Adviser Professor Don Nutbeam presents the Institute's 'Evaluation that Matters' course in Sydney in June 2019.

## Increasing engagement with research among health decision makers

The Institute chalked up an important milestone in February 2019, with the journal publication of final results from the landmark SPIRIT study (Supporting Policy In health with Research: an Intervention Trial). The work, which represented five years of research and implementation, was a significant achievement relating to a core area of the Institute's mission – in that it demonstrated an increased use of research evidence in policy agencies whose staff were provided with a tailored intervention program developed by our experts.

Led by the Institute's Dr Anna Williamson, the research is remarkable thanks to its unusual experimental design: instead of simply describing what happened, the study was able to test the effect of the intervention in the six participating Sydney-based health agencies by testing the effects robustly in a type of randomised controlled study called a stepped-wedge trial. We are grateful for the engagement by the participating policy agencies.

The SPIRIT investigators initially surveyed the agencies, sitting down with their leaders to work out what their specific requirements were. They could then shape a program from a suite of interventions.

Outcome measures were collected at six-monthly intervals over 30 months at each agency. They showed that participation in SPIRIT was associated with significant increases in the capacity to use research at both staff and agency levels. Staff reported greater confidence and skills in using research, and agency leaders reported more extensive systems and structures in place to support research use.

"The key message is that tailored programs can work to increase the capacity of agencies to engage with research evidence," Dr Williamson said.

#### Develop and sustain alliances and collaborations to drive greater use of research in health decisions

#### The Australian Prevention Partnership Centre

The Australian Prevention Partnership Centre (the Prevention Centre) has continued its record of achievement with another successful year, in which it has further developed a collegial, cross-jurisdictional prevention research community that has changed how its members think and work. The Prevention Centre is at the leading edge of chronic disease prevention research in Australia, providing decision makers with the best evidence and tools to inform their policies and programs.

The Prevention Centre's work program, funded by the Australian Government's Medical Research Future Fund, encompasses research into physical activity, mental health, the prevention and management of chronic pain, food security in Indigenous communities and reducing the burden of maternal obesity in pregnancy.

The Prevention Centre is also well into its second phase of funding from the NHMRC, Australian Government Department of Health, ACT Health, Cancer Council Australia, NSW Ministry of Health, South Australian Department for Health and Wellbeing, Tasmanian Department of Health, and VicHealth. This workplan involves expansion of existing research as well as exploring new areas of in public health law, health impact assessments, whole-of-healthcare systems and the impact of systems thinking.

Under the leadership team of Professors Andrew Wilson (Director), Lucie Rychetnik (Deputy Director), and Emma Slaytor (Associate Director), the Prevention Centre is focusing on raising its profile within the prevention policy and practice community and in the public domain. A highlight of the year was our involvement at the Public Health Association of Australia's (PHAA) Public Health Prevention Conference 'Smashing the Silos' in Melbourne in June 2019. Professor Rychetnik presented a keynote address to an audience of more than 550 prevention researchers, policy makers and practitioners.



 The Prevention Centre's leadership team: Professors Andrew Wilson (Director), Lucie Rychetnik (Deputy Director) and Emma Slaytor (Associate Director).

Significant media coverage was also garnered with the release of a landmark survey showing an unexpected leap in public support for government action on chronic disease.

The Prevention Centre continued to foster the younger generation of prevention researchers by funding six PhD projects across the overall research program. It stewarded its early- and mid-career researchers through several capacity-building activities which provided important networking opportunities with policy makers, practitioners and senior researchers.

The Prevention Centre continues to identify innovative communications methods to highlight the necessity of foregrounding prevention in the public discourse. The focus is on the translation of research to a wider audience and the promotion of project findings. This work includes the establishment of the Prevention Works podcast series, showcasing the work of the Prevention Centre and its collaborators.

#### New SEARCH findings point to better Aboriginal health services

The Study of Environment on Aboriginal Resilience and Child Health (SEARCH) – a collaboration coordinated by the Sax Institute – delivered significant new findings in 2018–19 with the potential to improve health and care for Indigenous people.

Mental health is one of the key focus areas for SEARCH, a decade-long partnership between four Aboriginal Community-Controlled Health Services, the Aboriginal Health and Medical Research Council of NSW, NSW Government, academic bodies and researchers. It comprises a long-term study of 1600 urban Aboriginal children and their carers. New data from the Study published in late 2018 revealed that a significant proportion of Aboriginal young people attended emergency departments or were admitted to hospital in connection with mental health conditions - with the risk of tertiary mental health care higher for urban Aboriginal youth living in foster care, those with prior mental health issues, and those whose carers suffered from a chronic illness. Following this, further qualitative work conducted with Aboriginal young people and Aboriginal Medical Service staff by

SEARCH researchers elicited a number of suggestions that could improve mental health services for Aboriginal young people.

In response to these findings, SEARCH has met with key leaders in mental health policy and service provision in the South West Sydney and Murrumbidgee Local Health District (LHD) areas to discuss strategies to ensure Aboriginal children and adolescents are well supported by mental health services.

Ongoing collaboration in South West Sydney has resulted in a range of evidence-based improvements to the mental health system for Aboriginal young people in the area.

In another example, SEARCH found that food insecurity was one of the major challenges facing Aboriginal communities and a likely driver of higher obesity and diet-sensitive chronic disease rates. SEARCH data and engagement has resulted in the formation of Aboriginal Food Security Advisory Groups in south-west Sydney and Wagga Wagga to address factors linked with food insecurity for Aboriginal people in these areas. Each group is led by the local Aboriginal Medical Service and includes representatives from the Sax Institute, LHD, schools in the area, local government and NGOs including the Red Cross, St Vincent de Paul, and the Salvation Army. Stakeholder workshops at the two sites identified system-level factors linked to this problem and possible local actions. Both communities highlighted the need for community education around healthy food choices, meal planning, budgeting and financial literacy.

In South West Sydney, the community described the impact of low incomes and unemployment on their ability to budget and afford healthy food. The reliance on convenience food outlets that were closer to home and easier to get to than healthier supermarkets had a big impact on communities' food preferences and choices.

The Wagga Wagga community said that lack of action and coordination between agencies was leading to duplication and confusion about available food relief services. In response, the Red Cross offered to coordinate regular meetings of all the stakeholders to improve this situation.

 Local Aboriginal Elders, community members and staff of the Tharawal Aboriginal Corporation, together with Campbelltown local stakeholders and SEARCH researchers, at a workshop to address local Aboriginal food insecurity in March 2019.



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Sax Institute Principal Senior Adviser Professor Don Nutbeam.

# **Concise Financial Statements**

#### for the year ended 30 June 2019

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Note: The following are a set of Concise Financial Statements. The full Financial Statements for the year ended 30 June 2019 with accompanying notes are available on The Sax Institute website: www.saxinstitute.org.au

### **Directors' report**

The directors present their report, together with the financial statements, on the company for the year ended 30 June 2019.

#### **Directors**

The following persons were directors of the company during the whole of the financial year and up to the date of this report, unless otherwise stated:

Dr Irene **Moss** (Former Chair – Resigned 31 October 2018)

Professor Selina **Redman** (Chief Executive Officer)

Ms Kim **Anderson** (Acting Chair – Appointed 31 October 2018)

Dr Kerry Chant

Professor Robert Cumming

Professor Stephen Jan

Dr George Jessup

Mr Michael Lambert

Mr Christopher Paxton

Professor David **Preen** 

Professor Peter Smith

Professor Nicholas **Talley** (Resigned 13 July 2018)

Professor Johanna Westbrook

Ms Jane **Stanton** (Audit & Risk Management Committee: non-Director)

#### **Objectives**

#### **Our Mission**

To improve health and wellbeing by driving the use of research in policies, program and services.

#### **Our Vision**

The Sax Institute is a national and international centre of excellence in embedding research into the fabric of policy, program and service delivery decisions.

#### Short and long-term objectives

The Sax Institute Strategic Plan has two stated objectives. By June 2024, we aim to:

 Increase our impact on the use of research in policies, programs and services that affect health and well-being

Our goal is to be more effective in achieving our mission. Specifically, we aim to have:

- a) More examples of our work having a significant impact
- b) Grow our reach and influence on agencies and organisations across Australia and beyond health
- c) Programs and services that are recognised for their effectiveness and are conducted with independence and integrity.

#### 2) Achieve greater financial sustainability.

By 2024, we will have greater financial capacity to withstand changes in our environment and to invest in innovation and business development. Specifically, we aim to have:

- a) Greater cash reserves
- b) Increased income
- c) Increased annual surplus
- d) Increased and diverse sources of untied income
- e) Strong order book of future income.

#### Strategy for achieving the objectives

We will achieve our impact and financial sustainability targets through eight interlinked strategies. The Institute will:

- Increase our impact on health systems, health and wellbeing by better disseminating and stimulating use of our research findings
- Strengthen and balance our portfolio of assets, programs and services to ensure it delivers on our mission through strategic innovation and judicious selection of programs and services
- Increase our ability to deliver high-quality services and programs within a dynamic environment by developing our internal expertise, better engaging with external expertise and by strengthening our responsiveness and flexibility
- Strengthen our profile amongst current and future partners by developing responsive and agile communications
- Strengthen our long-term financial sustainability through improved financial management, efficiencies and business models and by developing new sources of untied funds
- Strategically position our research platforms to ensure that they remain valuable in a rapidly changing environment

- Expand our programs and services to better provide new intelligence that helps our partners address challenges in policy, program and service delivery
- Strengthen our existing and develop new approaches to provide an internationally leading capability in connecting decision makers with what is known from research.

#### **Performance measures**

The following are measures used within the Institute to monitor performance:

- Track and report on instances of impact that arise from our work in public policy, programs or service delivery
- > Expanding the number, size and spread of the partners that the Institute collaborates with
- Growing both the size and diversity of the Institute's annual revenue, diversifying away from but continuing to complement its traditional funding base of New South Wales and/or health services
- Increasing its active collaboration with organisations at both a national and international level
- Continuing to provide demonstrable satisfaction to its stakeholders, as evidenced through for example, surveys; invitations to speak at major national and/ or international meetings.

#### Information on directors

#### Name: Kim Anderson

Title: Ms

**Qualifications:** BA, Post Graduate Diploma in Library and Information Science

**Experience and expertise:** Non-Executive Director of ASX-listed companies Carsales, WPP AUNZ and Marley Spoon. Chairperson of beem it. Fellow of the University of Sydney Senate and Chair Building and Estates Committee, Member of the Audit Risk Management and Investments Committee 2004–2011. Former CEO of Southern Star Entertainment. Former CEO and founder of Reading Room Inc (bookstr.com).

**Special responsibilities:** Acting Chairperson of the Board of Directors

Name: Selina Redman AO

Title: Professor

Qualifications: BA (Psych), BA (Hons) (Psych), PhD

**Experience and expertise:** Expertise in public health, research and knowledge mobilisation. Currently chairs the Advisory Committee of the Australian Women's Longitudinal Study on Women's Health; is a member of the ACI Reducing Unwarranted Clinical Variation Taskforce; and is a member of the Strategic Research Committee, The Australian Red Cross Blood Service.

Special responsibilities: Chief Executive Officer

Name: Kerry Chant

#### Title: Dr

Qualifications: MBBS, FAFPHM, MHA, MPH

**Experience and expertise:** Chief Health Officer and Deputy Secretary, Population and Public Health, NSW Ministry of Health.

Name: Robert Cumming

Title: Professor

Qualifications: MBBS, MPH, PhD

**Experience and expertise:** Professor of Epidemiology, Sydney School of Public Health, The University of Sydney.

Name: Stephen Jan

Title: Professor

Qualifications: PhD, Masters of Economics, Bachelor of Economics

**Experience and expertise:** Professor of Health Economics, The George Institute for Global Health, University of NSW, Honorary Professor of Health Economics, Sydney Medical School, The University of Sydney.

Name: George Jessup

Title: Dr

Qualifications: MBBS, MBiomedEng, MBA

**Experience and expertise:** Director, Blue Jay Ventures Pty Ltd. Founder and former managing director of Start-up Australia Ventures, a closed end venture capital fund.

**Special responsibilities:** Member, Audit and Risk Management Committee, Remuneration and Nomination Committee

#### Name: Michael Lambert

Title: Mr

Qualifications: BEc (Hons), MEc, MA, GAICD

**Experience and expertise:** Public finance, corporate finance, government, public policy and health sector. Administrator of the National Health Funding Pool.

**Special responsibilities:** Chair, Audit and Risk Management Committee. Member, Remuneration and Nomination Committee

#### Name: Christopher Paxton

Title: Mr

Qualifications: BA (Hons) in Economics (UK), MBA (UK)

**Experience and expertise:** Partner, PwC PricewaterhouseCoopers Australia.

**Special responsibilities:** Member, Audit and Risk Management Committee, Remuneration and Nomination Committee

#### Name: David Preen

Title: Professor

Qualifications: BSc (Hons), PhD

**Experience and expertise:** Chair in Public Health at the School of Population and Global Health University of Western Australia.

#### Name: Peter Smith

Title: Professor

Qualifications: RFD, MD, FRACP, FRCPA, FAICD

**Experience and expertise:** Former Dean of Medicine, UNSW and University of Auckland. Executive Chair, Evexia Care Pty Ltd.

#### Name: Johanna Westbrook

Title: Professor

**Qualifications:** BAppSc (with Distinction), MHA, Grad Dip Epidemiology, PhD

**Experience and expertise:** Professor of Health Informatics and Director, Centre for Health Systems and Safety Research, Australian Institute of Health Innovation, Macquarie University. Board Member, Australian Digital Health Agency. Chair, Advisory Board, Deeble Institute for Health Policy Research, Australian Healthcare and Hospitals Association.

#### **Company secretary**

The following person held the position of Company Secretary at the end of the financial year: Mr Norman Pack (B.Comm; MBA; FCPA; GAICD) has been the Company Secretary since July 2016. He holds a number of independent and executive board directorship roles, and has over 30 years of senior finance experience.

#### **Meetings of directors**

The number of meetings of the company's Board of Directors ('the Board') and of each Board committee held during the year ended 30 June 2019, and the number of meetings attended by each director were:

	Board		Manag	Audit and Risk Management Committee		Remuneration and Nomination Committee	
	Α	В	Α	В	Α	В	
Irene Moss	1	1	-	-	-	-	
Selina Redman	4	2	-	-	-	-	
Kim Anderson	4	3	-	-	2	2	
Kerry Chant	4	2	-	-	-	-	
Robert Cumming	4	3	-	-	-	-	
Stephen Jan	4	4	-	-	-	-	
George Jessup	4	4	4	4	3	3	
Michael Lambert	4	4	4	4	3	3	
Christopher Paxton	4	3	4	4	2	1	
David Preen	4	1	-	-	-	-	
Peter Smith	4	2	-	-	-	-	
Johanna Westbrook	4	2	-	-	-	-	
Jane Stanton (non-Director)	-	-	4	2	-	-	

**A** – Number of meeting eligible to attend.

**B** – Number of meetings attended.

#### **Contributions on winding up**

The Sax Institute is a not-for-profit unlisted public company limited by guarantee. In the event of and for the purpose of, winding up of the Company, the amount capable of being called up from each member and any person or association who ceased to be a member in the year prior to the winding up is limited to \$10 for members that are corporations and \$10 for all other members, subject to the provisions of the Institute's constitution.

At 30 June 2019 the collective liability of members was \$530 (2018: \$480).

This report is made in accordance with a resolution of directors on this 18th day of September 2019.

On behalf of the Board of Directors

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Ms Kim Anderson Acting Chair

Sally Reducer

Professor Selina Redman Executive Director

## Statement of profit or loss and other comprehensive income

#### The Sax Institute

#### For the year ended 30 June 2019

	2019 \$	2018 \$
Revenue	18,146,500	14,945,800
Other income	292,700	376,600
Expenses		
Project specific costs	(7,133,200)	(6,045,700)
Employee benefits expense	(8,730,200)	(7,745,200)
Depreciation and amortisation expense	(590,200)	(443,200)
Administration expenses	(1,363,900)	(1,045,900)
Surplus before income tax expense	621,700	42,400
Income tax expense	-	-
Surplus after income tax expense for the year attributable to the members of The Sax Institute	621,700	42,400
Other comprehensive income for the year, net of tax	-	-
Total comprehensive income for the year attributable to the members of The Sax Institute	621,700	42,400

The above statement of profit or loss and other comprehensive income should be read in conjunction with the accompanying notes in the full Financial Statements available on The Sax Institute website: www.saxinstitute.org.au

# Statement of financial position

The Sax Institute As at 30 June 2019

	2019 \$	2018 \$
Assets		
Current assets	11 500 100	10.004.000
Cash and cash equivalents	11,532,100	13,894,800
Trade and other receivables	1,235,900	1,631,000
Financial assets at fair value through other comprehensive income	536,100	523,800
Other	1,239,300	802,200
Total current assets	14,543,400	16,851,800
Non-current assets		
Property, plant and equipment	575,700	717,500
Other	265,100	250,500
Total non-current assets	840,800	968,000
Total assets	15,384,200	17,819,800
Liabilities Current liabilities		
Trade and other payables	2,593,300	1,775,100
Employee benefits	503,100	499,700
Other	9,289,300	9,554,700
Total current liabilities	12,385,700	11,829,500
Non-current liabilities		
Employee benefits	220,500	173,000
Other	771,300	4,432,300
Total non-current liabilities	991,800	4,605,300
Total liabilities	13,377,500	16,434,800
Net assets	2,006,700	1,385,000
Equity		
Retained surpluses	2,006,700	1,385,000
Total equity	2,006,700	1,385,000

The above statement of financial position should be read in conjunction with the accompanying notes in the full Financial Statements available on the Sax Institute website: www.saxinstitute.org.au

# Statement of changes in equity

#### The Sax Institute

#### For the year ended 30 June 2019

	Retained surplus \$	Total equity \$
Balance at 1 July 2017	1,342,600	1,342,600
Surplus after income tax expense for the year	42,400	42,400
Other comprehensive income for the year, net of tax	-	-
Total comprehensive income for the year	42,400	42,400
Balance at 30 June 2018	1,385,000	1,385,000

	Retained surplus \$	Total equity \$
Balance at 1 July 2018	1,385,000	1,385,000
Surplus after income tax expense for the year	621,700	621,700
Other comprehensive income for the year, net of tax	-	-
Total comprehensive income for the year	621,700	621,700
Balance at 30 June 2019	2,006,700	2,006,700

### **Statement of cash flows**

#### The Sax Institute

For the year ended 30 June 2019

	2019 \$	2018 \$
Cash flows from operating activities		
Receipts from grants	15,593,600	14,241,300
Payments to suppliers and employees	(17,775,700)	(16,832,100)
Donations received	-	74,600
Interest received	280,400	291,700
Net cash used in operating activities	(1,901,700)	(2,224,500)
Cash flows from investing activities		
Proceeds from available-for-sale investments	1,668,000	1,650,000
Purchase of property, plant and equipment	(448,800)	(72,200)
Purchase of available-for-sale investments	(1,680,200)	(1,660,300)
Net cash used in investing activities	(461,000)	(82,500)
Cash flows from financing activities		
Net cash from financing activities	-	-
Net decrease in cash and cash equivalents	(2,362,700)	(2,307,000)
Cash and cash equivalents at the beginning of the financial year	13,894,800	16,201,800
Cash and cash equivalents at the end of the financial year	11,532,100	13,894,800

The above statement of cash flows should be read in conjunction with the accompanying notes in the full Financial Statements available on The Sax Institute website: www.saxinstitute.org.au

### **Directors' declaration**

## The Sax Institute **30 June 2019**

In the Directors' opinion:

- The attached financial statements and notes comply with the Australian Accounting Standards—Reduced Disclosure Requirements, the Australian Charities and Not-for-profits Commission Act 2012 and other mandatory professional reporting requirements
- The attached financial statements and notes give a true and fair view of the company's financial position as at 30 June 2019 and of its performance for the financial year ended on that date
- > There are reasonable grounds to believe that the company will be able to pay its debts as and when they become due and payable.

Signed in accordance with a resolution of the Board of Directors on this 18th day of September 2019.

On behalf of the Board of Directors

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Ms Kim Anderson Acting Chair

Sally Reducer

Professor Selina Redman Executive Director

## **--**B William Buck

#### **Report of the Independent Auditor on Summary Financial Statements**

#### Opinion

The summary financial statements, which comprise the statement of financial position as at 30 June 2019, the statement of comprehensive income and statement of cash flows for the year then ended, are derived from the audited financial report of The Sax Institute for the year ended 30 June 2019.

In our opinion, the summary financial statements derived from the audited financial report of The Sax Institute for the year ended 30 June 2019 are consistent, in all material respects, with that audited report, in accordance with Australian Accounting Standards.

#### **Summary Financial Statements**

The summary financial statements do not contain all the disclosures required by Australian Accounting Standards. Reading the summary financial statements, therefore, is not a substitute for reading the audited financial report of The Sax Institute.

#### The Audited Financial Report and Our Report Thereon

We expressed an unmodified audit opinion on that financial report in our report dated 18 September 2019.

#### Directors' Responsibility for the Financial Report

The directors of the company are responsible for the preparation of a summary of the audited financial report in accordance with the criteria as set out in the Annual Report.

#### Auditor's Responsibility

Our responsibility is to express an opinion on whether the summary financial statements are consistent, in all material respects, with the audited financial report based on our procedures, which were conducted in accordance with Auditing Standard ASA 810 *Engagements to Report on Summary Financial Statements.* 

William Buck

William Buck Accountants & Advisors ABN 16 021 300 521

L.E. Tutt Partner Sydney, 18 September 2019

ACCOUNTANTS & ADVISORS

Sydney Office Level 29, 66 Goulburn Street Sydney NSW 2000

Parramatta Office Level 7, 3 Horwood Place Parramatta NSW 2150

Telephone: +61 2 8263 4000 williambuck.com



# **Thanks to our Members**

The collaborative approach embodied in our membership structure is one of the Institute's great strengths and ensures we have access to a wealth of Australian research expertise. Our Members as at 30 June 2019 are:

#### **University Members**

The University of Newcastle The University of Notre Dame Australia The University of Sydney University of New England University of Technology Sydney University of Wollongong UNSW Sydney

Western Sydney University

#### **Ordinary Members**

Australian Centre for Public and Population Health Research, University of Technology Sydney

Australian Research Centre in Complementary and Integrative Medicine, University of Technology Sydney

Centre for Clinical Epidemiology and Biostatistics, The University of Newcastle

Centre for Health Economics Research and Evaluation, University of Technology Sydney

Centre for Health Informatics, Macquarie University

Centre for Health Systems and Safety Research, Macquarie University

Centre for Healthcare Resilience and Implementation Science, Macquarie University

Centre for Primary Health Care and Equity, UNSW Sydney

Centre for Social Research in Health, UNSW Sydney

Clinical & Population Perinatal Health Research, The University of Sydney

**College of Health and Medicine**, Australian National University

Dementia Centre for Research Collaboration, UNSW Sydney

Health Services and Practice Research Strength, University of Technology Sydney

Hunter Medical Research Institute, The University of Newcastle Illawarra Health and Medical Research Institute, University of Wollongong

Ingham Institute for Applied Medical Research

Menzies Centre for Health Policy, The University of Sydney and Australian National University

Menzies Health Institute Queensland, Griffith University

Menzies School of Health Research, Charles Darwin University

National Ageing Research Institute

National Centre for Immunisation Research & Surveillance, The University of Sydney

National Drug and Alcohol Research Centre, UNSW Sydney

National Perinatal Epidemiology and Statistics Unit (NPESU), UNSW Sydney

Population Wellbeing and Environment Research Lab (PowerLab), University of Wollongong

Prevention Research Collaboration, The University of Sydney

Priority Research Centre for Health Behaviour, The University of Newcastle

Psychiatry Research and Teaching Unit, School of Psychiatry, UNSW Sydney

Research Centre for Generational Health and Ageing, The University of Newcastle

**Research Unit**, Justice Health and Forensic Mental Health Network

School of Medicine and Public Health, The University of Newcastle

School of Medicine Sydney, University of Notre Dame Australia

School of Population & Global Health, The University of Western Australia

School of Public Health and Community Medicine, UNSW Sydney

School of Public Health and Preventive Medicine, Monash University

Simpson Centre for Health Services Research, UNSW Sydney

Social Policy Research Centre, UNSW Sydney

Surgical Outcomes Research Centre, The University of Sydney

Susan Wakil School of Nursing and Midwifery, The University of Sydney

Sydney Dental School, The University of Sydney

Sydney School of Public Health, The University of Sydney

The Cancer Council NSW

The Garvan Institute of Medical Research

The George Institute for Global Health

The Kirby Institute, UNSW Sydney

University Centre for Rural Health – North Coast, The University of Sydney, Southern Cross University, Western Sydney University, University of Wollongong



The Sax Institute

Level 13, Building 10, 235 Jones Street Ultimo NSW 2007 PO Box K617, Haymarket NSW 1240 Australia

www.saxinstitute.org.au

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