



Flinders
University

FHMRI

ANNUAL REPORT

2024

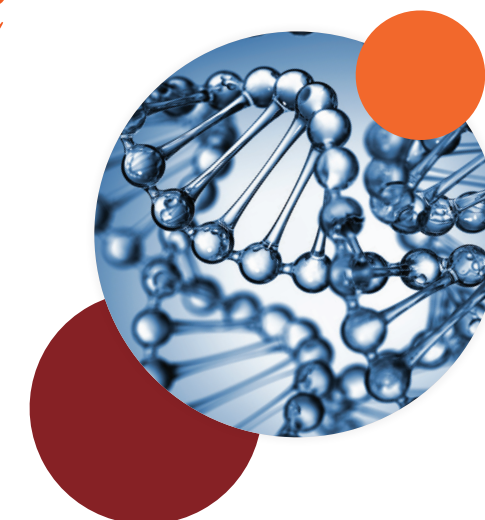
Acknowledgment of Country

Flinders University acknowledges the Traditional Owners of the lands on which its campuses are located; these are the Traditional Lands of Arrernte, Dagoman, First Nations of the Southeast, First Peoples of the River Murray and Mallee region, Jawoyn, Kaurna, Larrakia, Ngadjuri, Ngarrindjeri, Ramindjeri, Warumungu, Wardaman and Yolngu people. We honour their Elders and Custodians past, present and emerging.

Flinders University uses the term 'Indigenous' when referring to the programs and strategies and 'Aboriginal and/or Torres Strait Islander' when referring to peoples.



FHMRI *Strategy on a page*



Vision

Healthy, Thriving Communities

Aspiration

Worldclass Health & Medical Research Institute

5 Strategic Priorities

Excellence

Foster scientific excellence and impact in areas of strength

Supportive Environments

Create systems and culture promoting excellence, diversity and inclusion

Collaboration

Strengthen and expand collaborations and partnerships

Equity

Advance Aboriginal and Torres Strait Islander health and wellbeing

Research Impact

Actively facilitate translation of research into health and social policy, practice and outcomes

Director's Message

Following my first year as Director of the Flinders Health and Medical Research Institute (FHMRI), I am proud to reflect on a year of profound transformation, strategic clarity, and bold advancement. FHMRI is still a young institute, five years old, and I am privileged to take it into the next five years. My first year will be memorable as one that has solidified our position as a national leader and global contributor to health and medical research.

In 2024, FHMRI launched its first formal Strategy, a clear and decisive blueprint for the next five years. This Strategy articulates our vision, sets ambitious priorities, and charts a course for sustained excellence and impact. Our direction is no longer aspirational, it is operational, measurable, and transformative.

This year, FHMRI also underwent a comprehensive review by Flinders University. I am pleased to report that our continued operation was unanimously endorsed by the Academic Senate, a powerful testament to the extraordinary research achievements of our researchers.

We introduced a new structural framework in 2024, an architecture that not only honours FHMRI's existing strengths but also sharpens our focus on priority growth areas. At the forefront are our two Flagship Programs—Sleep Health and Eye and Vision, each exemplifying international standards of research excellence through deep multidisciplinary engagement and strong translational outcomes.

Complementing these are our Impact Programs in Cancer and Health Equity, each addressing national health challenges, embedded in community collaboration, and committed to equity-driven research translation. Collectively, these programs represent a strategic engine for growth and excellence.

Our 90 Research Groups and Centres continue to expand the boundaries of knowledge, contributing to life-changing discoveries and delivering real-world outcomes. From local communities to global platforms, the footprint of FHMRI's impact is both deep and wide.

A defining moment in our history occurred this year with the successful relocation of 400 researchers, to the new, award-winning Health and Medical Research Building (HMRB). The significance of this milestone was marked by the presence of the Prime Minister of Australia and the Premier of South Australia at the official opening, signalling national recognition of FHMRI's stature and promise.

The year 2024 has marked a pivotal phase of strategic repositioning and institutional growth. Together, with our partners, our communities, and our people, we will continue to push the boundaries of what is possible in health and medical research.

We are not only building knowledge; we are shaping the future. And that future will be healthier, fairer, and more hopeful for all.



Professor Billie Bonevski

Dean Research and Flinders Health and Medical Research Institute Director, College of Medicine and Public Health, Flinders University.

Research Excellence at a Glance



Our People

600 Researchers

230 HDR students

100+ Consumer and Community Advisors

34 Researchers named in the Stanford/Elsevier **Top 2%** list



Research Income

\$60 million HERDC income

\$7.5 million NHMRC grants awarded in 2024

\$17 million MRFF grants awarded in 2024



Publications & Impact

970+ peer-reviewed journal publications

5.0 Field-Weighted Citation Impact (SciVal, May 2025)

16% of publications in the **top 10%** of most cited globally

3% in the **top 1%** globally



Engagement

Launched LinkedIn in October

1,561 followers (and growing!)

Opening New Doors for Health & Medical Researchers

The opening of the Health and Medical Research Building (HMRB) in 2024 was one of the most significant moments for FHMRI in recent years, and certainly a highlight for me personally. As the new heart of the Flinders Health Precinct, this world-class facility brings together many of our researchers and professional staff under one roof, offering a purpose-built environment to drive discovery, innovation, and impact.

Officially opened by Vice-Chancellor Professor Colin Stirling, Prime Minister Anthony Albanese, and South Australian Premier Peter Malinauskas, the \$280 million, ten-storey HMRB is a bold statement of Flinders' commitment to health and medical research. It connects researchers, clinicians, students and industry partners, facilitating the collaboration that underpins the very best research outcomes.

Inside, the building hosts state-of-the-art PC2 laboratories, clinical trial suites, and collaborative spaces designed to foster cross-disciplinary dialogue. Our teams working in cancer biology, infectious diseases, neuroscience, mental health, public health and beyond now have the infrastructure to match their ambition.

HMRB is also among the most digitally advanced and sustainable research facilities in the country. It operates on 100% renewable electricity, powered by on-campus solar and supported by South Australian wind energy, and has become the first medical research facility globally to receive a platinum rating for digital connectivity.

Located on Kauria Yarta, this building has been designed in deep consultation with Aboriginal and Torres Strait Islander communities. The design reflects a commitment to cultural respect, with features such as the rainbow sands-inspired colour scheme, woven throughout the building.

Our goal was not only to build a facility that supports groundbreaking research but also one that promotes the health and wellbeing of those who work within it. This is more than just a building, it's an investment in people, in ideas, and in the future of health and medical research at Flinders.

I am immensely proud of what we have achieved, and even more excited about the opportunities HMRB will create for the next generation of researchers.



From left: The Hon. Anthony Albanese MP, Prime Minister of Australia, Vice-Chancellor Prof. Colin Stirling and the Hon. Peter Malinauskas MP, Premier of South Australia.



Professor Damien Keating

Flinders Health and Medical Research Institute
Deputy Director, College of Medicine and Public
Health, Flinders University.



FHMRI *Eye and Vision*

Transforming Early Detection of Glaucoma

Groundbreaking research at Flinders University is revolutionising how glaucoma is detected and managed, enabling earlier intervention and improving patient outcomes around the world.

A team of clinician-researchers, led by Professor Jamie Craig, has developed the world’s first NATA-accredited saliva test to assess genetic risk for glaucoma, now commercialised as SightScore. This world-first innovation is the result of years of collaborative research involving ophthalmologists, geneticists, and access to some of the largest glaucoma datasets globally.

By analysing thousands of genetic variants associated with the disease, the team created a polygenic risk score that allows clinicians to identify individuals most at risk, often

up to a decade before traditional screening methods would detect it. This early warning system is especially crucial, as glaucoma typically progresses without symptoms until irreversible vision loss has already occurred.

Since its launch, SightScore has been adopted by more than 1,200 clinics across Australia, New Zealand and the United States. The test is empowering optometrists and ophthalmologists to tailor screening and treatment plans earlier — helping to preserve vision and reduce the long-term burden of disease.

This research is transforming clinical practice by shifting glaucoma detection from reactive to preventive care and offering real hope to thousands of people at risk of losing their sight.



Professor Jamie Craig, Director of the Flinders Centre for Ophthalmology. Photo credit: Randy Larcombe.

LEARN MORE



FHMRI *Sleep Health*

Sleep Revolution Goes Global

Inadequate sleep affects four in ten Australians, with widespread impacts on physical and mental health, productivity, and quality of life. Flinders University’s FHMRI Sleep Health team is leading a global shift in how sleep disorders are diagnosed, treated and understood by the public.

In March 2024, the groundbreaking documentary series “Australia’s Sleep Revolution” with Dr Michael Mosley aired nationally on SBS and SBS On Demand, bringing world-first sleep research into millions of homes. The three-part series followed a clinical trial conducted by the FHMRI Sleep Health team, which used cutting-edge diagnostics and personalised interventions to successfully treat chronic sleep disorders. In just eight weeks, more than 80% of participants, including Dr Mosley himself, resolved their long-standing sleep issues.

The series struck a powerful chord. It became SBS’s top-ranked factual series of the year, with ratings 50% above the timeslot average and more than 554 media pieces generated globally. With an estimated audience reach of 20.5 million and advertising value over \$10.5 million, the campaign raised unprecedented awareness about the importance of sleep and Australia’s leadership in sleep science.

But the impact didn’t stop at the screen. As part of the project, the team also studied sleep patterns and health outcomes of four Australian politicians during a two-week parliamentary sitting, sparking a direct conversation with policymakers about the real-world consequences of poor sleep.

The project exemplified the power of collaboration between scientists, clinicians, filmmakers, government, and the community and in 2024, it was awarded the South Australian Excellence in Science and Industry Collaboration Award.

“Australia’s Sleep Revolution” placed Flinders at the heart of a national health conversation — and showed the world that sleep is not a luxury, but a necessity.



FHMRI Sleep Health team.



“Australia’s Sleep Revolution” with Dr Michael Mosley Premier screening.

LEARN MORE



FHMRI Health Equity

Reducing the Hidden Costs of Healthcare in the Far West

Partnering with Aboriginal communities to address Out-of-Pocket Healthcare Expenditure (OOPHE), Flinders University is working with Aboriginal communities in the Far West of South Australia to tackle the hidden burden of healthcare costs that disproportionately impact First Nations people.

Through a collaboration between FHMRI's Discipline of Trauma and Injury and the Far West Community Partnerships, an Aboriginal-led organisation focused on community empowerment, researchers are addressing OOPHE.

These are the medical-related costs not covered by Medicare or insurance: travel, accommodation, medications, equipment, and lost income from time off work.

"I've stayed in the parklands before... others have been doing the same thing, they've got nowhere to stay and they're just wandering around all night." Far West Knowledge Holder.

For many in the region, including communities across Ceduna, Yalata, Scotdesco, Kooniba and Oak Valley, such costs can be barriers to accessing even basic care. With more than 1,100 Aboriginal people living across this remote and culturally diverse region, the impact is wide-reaching.

Over the past two years, the research team, led by Associate Professor Courtney Ryder, has co-developed a research agenda that is not only focused on understanding the scope and impact of OOPHE, but also on building local research capacity. This means investing in the skills and leadership of community members, recognising their knowledge and empowering them to lead future research efforts themselves.

"We are not just studying problems. We are creating pathways for community-led solutions, with community voices at the centre," says Associate Professor Ryder.

This initiative represents a model of ethical, community-led research where Aboriginal governance and lived experience shape both the questions being asked and the outcomes being pursued.



The project artwork is by Janine Gray & Collette Gray, 2024, titled "Community Connections Support Service".



Cultural tour of Denial Bay with Patrick Sharpe from Far West Community Partnerships.

LEARN MORE



FHMRI Cancer

Detecting Bowel Cancer Early

Australia has one of the highest rates of bowel cancer globally, making early detection and prevention critical. At Flinders University, FHMRI Cancer researchers have shaped the national response to this deadly disease for over two decades.

The pioneering work of Emeritus Professor Graeme Young laid the foundation for the National Bowel Cancer Screening Program (NBCSP), launched in 2006. His team's research, demonstrating that sending an advance notification letter increases screening participation, has become a core feature of the program, now replicated worldwide.

Today, around 2.5 million Australians aged 50–75 participate in the NBCSP each year. Building on this legacy, Associate Professor Erin Symonds now leads ongoing research into next-generation screening and prevention strategies at FHMRI Cancer. Her team is advancing efforts to:

- Implement statewide colonoscopy surveillance for high-risk individuals,
- Trial novel blood-based tests for detecting bowel cancer relapse earlier.

These projects are backed by significant MRFF funding and aim to further improve survival rates by ensuring bowel cancer is detected when it is most treatable.

In recognition of this sustained and transformational impact, the NHMRC profiled the Bowel Cancer Screening Research Group in a national Impact Case Study, published in August 2024.

This world-class research continues to shape policy, save lives, and strengthen Australia's leadership in bowel cancer detection.



Associate Professor Erin Symonds. Photo credit: Flinders Foundation.

LEARN MORE



Researcher Education Development

Researcher education and development (RED) is an important part of FHMRI's support for researchers and their success. 2024 was a busy year with a significant focus on our early career researchers and higher degree researchers (HDR) students.

In early 2024, FHMRI conducted a survey of its members to assess researcher needs and preferences for types of support. The FHMRI-RED strategy was developed based on those responses and launched early in the year.

Activity highlights:

Inspiring Leaders Seminar Series

Hosting national and international research leaders, the Inspiring Leaders seminar series shares career journeys, leadership learnings and research highlights. Speakers were:

Professor Maria Inacio – SAHMRI, "The Registry of Senior Australians: Creating Evidence to Influence Aged Care and Health Care Policy"

Professor Helen Marshall – The University of Adelaide, "From Ahoghill to SA Australian of the Year and Scientist of the Year and everything in between"

A/Professor Marita Hefler – Charles Darwin University, "A research journey to the tobacco endgame: From local and incremental to global and paradigm-shifting"

Professor Jason Mackenzie – The University of Melbourne, "Virology is awesome"

Professor Danny Eckert – Flinders University, "Insights into Australia's sleep disciplinary translational research project"

A/Professor Raymond Wong – Centre for Eye Research Australia/The University of Melbourne, "Using Stem Cells and Genetic Technologies to Study and Treat Retinal Degeneration"

EMCA Workshop

Led by renowned facilitator Hugh Kearns, this workshop explored the key development priorities of our early and mid-career researchers, providing valuable insights to shape the 2025 RED plan.

Mentoring Program

The FHMRI Mentoring Program follows a group mentoring model, connecting small cohorts of 4–5 HDR students with two experienced senior research mentors. In 2024, it launched with 15 mentees and 8 dedicated mentors.

Designed to foster professional growth and connection, the program complements broader Mentoring and Leadership initiatives offered through the Deputy Vice-Chancellor (Research)'s portfolio.



Celebrating Students

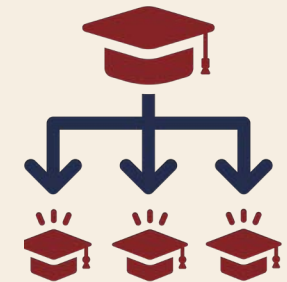


HDR Student Growth

48 new HDR students commenced
> 39 PhD | 9 Masters
36 completions – Celebrating success!

Pathways to Research

Road to Research
HDR recruitment event
Inspiring the next generation.

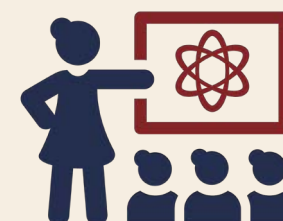


Scholarships

14 Summer Scholarships awarded
supporting future researchers

Research Communities

4 Communities of Practice
> HDR Students, EMCRs, Clinician ECR,
Professional Research Staff

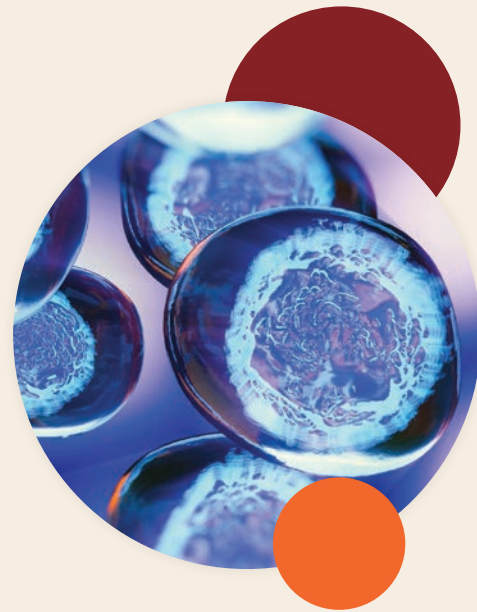


Championing Women in Research

1st SA organisation to join **Franklin Women**
>11 memberships funded for HDR students and EMCRs

Student Success

FHMRI students are integral to our research community. They receive world-class training in health and medical research, along with broad, transferable skills that prepare them for diverse career paths. We are proud to see so many of our graduates go on to become future leaders in the sector.



2024 HDR student completions

Robert Adams, PhD. Thesis title, “Relationships between bioenergetics, physiological activity, and lysosome function in human neurons”

Thomas Altree, PhD. Thesis title, “The effects of reboxetine and morphine on sleep and breathing in obstructive sleep apnea and chronic obstructive pulmonary disease”

Jayalathge Amarasooriya, PhD. Thesis title, “Assessment of in vivo kinematics of the normal and scapholunate instability wrist using dynamic CT scan”

Radwan Ansaar, PhD. Thesis title, “UDP-Glycosyltransferases (UGTs) in Anti-Cancer Drug Resistance”

Gaston Antezana Ortiz, PhD. Thesis title, “How do young people use mobile applications (apps) to improve their wellbeing? Implications for engagement”

Alexander Barnes, PhD. Thesis title, “Dissecting the complex interaction between inflammatory bowel disease and sleep”

Richard Bright, PhD. Thesis title, “Enhancing Osseointegration and Preventing Implant-Associated Infections Through Biomimetic Nano-Modifications”

Anne Bulstra, PhD. Thesis title, “Scaphoid fractures - increasing diagnostic efficiency and treatment functionality”

Xun-Nan Chen, PhD. Thesis title, “Cardiometabolic effects of glucocorticoid excess: inpatient hyperglycaemia and in adrenal incidentaloma”

Philip Man Chiu Choi, PhD. Thesis title, “Acute Ischemic Stroke Assessment: Overcoming Barriers to Effective Therapies”

Inushi de Silva, PhD. Thesis title, “Glioblastoma plasticity and therapeutic sensitivity in the human brain microenvironment”

Guoqian Ding, MSc. Thesis title, “Identification of small RNAs as potential biomarkers and regulators of chemoradiotherapy response in Oesophageal Adenocarcinoma (EAC)”

Jose Estevez Bordon, PhD. Thesis title, “Defining the Epidemiology of Blindness and Diabetic Retinopathy among Aboriginal and Torres Strait Islander People”

Megan Fowler, PhD. Thesis title, “Endogenous retroviruses and the association with TDP-43 and inflammation in the cause and progression of motor neuron disease”

David Garne, PhD. Thesis title, “Learning to Think Like a Doctor: The Development of Clinical Reasoning in Medical Students During Longitudinal Integrated Clerkships”

David Hansman, PhD. Thesis title, “Antimicrobial Drug Resistance in *Streptococcus pneumoniae*”

Laurent Hendrickx, PhD. Thesis title, “Intramedullary Nailing for Tibial Shaft Fractures: Pearls and Pitfalls and Complications”

Georgina Hollitt, PhD. Thesis title, “Understanding Polygenic Risk Testing and Risk Communication for Glaucoma”

D-Yin Lin, PhD. Thesis title, “Improving Perioperative Care and Patient Outcomes in Orthopaedic Surgery of the Lower Limb”

Andrea Mangion, PhD. Thesis title, “Digital health in lymphoedema care”

Zinaye Mehari, PhD. Thesis title, “Determining the Burden and Awareness of Hepatocellular Carcinoma and its correlates in Addis Ababa, Ethiopia”

Natansh Modi, PhD. Thesis title, “Exploring the Value of Shared Clinical Trial Data: Policy, Application, and Impact”

Fadak Mohammadi, MSc. Thesis title, “Cardiovascular disease in liver transplant candidates”

Richard Newland, PhD. Thesis title, “The Development of Intraoperative Electronic Perfusion Data Processing to Improve the Practice of Cardiopulmonary Bypass”

Lauren Newman, PhD. Thesis title, “Evolving the Liquid Biopsy: Extracellular Vesicles for Assessing Liver Function and Disease”

Tarandeep Oberai, PhD. Thesis title, “Delirium in patients with hip fractures”

Sarah Perkes, PhD. Thesis title, “Developing an mHealth program and respiratory measures with and for Aboriginal and Torres Strait Islander women caring for young children”

Rippan Shukla, MSurg. Thesis title, “What are the best predictors of a good outcome following anti-reflux surgery?”

Nyoli Valentine, PhD. Thesis title, “What makes assessment fair?”

Sina Vatandoust, PhD. Thesis title, “Locally advanced rectal cancer: characterising patient-reported outcomes and biomarkers in the era of non-operative management”

Shyan Vijayasekaran, PhD. Thesis title, “The evolving management of children with complex aero-digestive disorders”

Yiming Wang, PhD. Thesis title, “How does our mucus shape bacterial colonization? Exploring mucosal glycosylation and gut microbiome dynamics”

Leanne Winner, PhD. Thesis title, “Identification and early validation of blood-based biomarkers of central nervous system disease in Sanfilippo syndrome, a childhood dementia”

Michael Zabolocki, PhD. Thesis title, “Recapitulating human brain electrophysiology with induced pluripotent stem cell patient-derived neurons”

Miansong Zhang, PhD. Thesis title, “Advanced next-generation processing technology and product development of sea cucumbers to retain small molecule nutrients”

Jett Zivkovic, PhD. Thesis title, “The thermoregulatory response to lithium & its inhibition of stress-induced physiological & behavioural changes: A novel mechanism of action & brain pathway”



Road to Research event



Road to Research - FHMRI Cancer



Road to Research - Paramedicine Honours.



Road to Research - FHMRI Sleep Health

FHMRI 3MT Winners

Heat Winner

Olivia Burling
“Say Cheese! Better Photos of Cancer”

Runner Up

Anna McMillen
“The Role of Dopamine in Forgetting.”



3-Minute Thesis (3MT) heat

FHMRI Leadership



From left: Prof. Simon Conn, Bioplatforms and Bioresources Lead (to Dec 2024), A/Prof. Amy Reynolds, FHMRI-RED Lead, Prof. Damien Keating, FHMRI Deputy Director, Prof. Billie Bonevski, Director, FHMRI, and Dean (Research), College of Medicine and Public Health, Dr Rebecca Keough, FHMRI Manager, Prof. David Lynn, FHMRI Head of Strategic Partnerships, Dr Anthony Khoo, Clinical Partnerships Lead. **Missing:** Dr Tim Schultz, CMPH HDR Coordinator.

Consumer and Community Involvement Steering Group



- | | |
|-------------------------------|------------------------------|
| Chris Trethewey (Co-Chair) | Monique Bareham (Consumer) |
| Dr. Miia Rahja (Co-Chair) | Mario Corena (Consumer) |
| Prof. Jon Karnon (Researcher) | Steven Pendry (Consumer) |
| Dr. Jean Winter (Researcher) | Helen Radoslovich (Consumer) |
| Nathan Harrison (HDR Student) | Lyn Whiteway (Consumer) |

Scientific Advisory Board



**Professor Sally Redman
(Chair)**
Honorary Professor University
of Newcastle and previous
CEO Sax Institute



Professor Andrew Bersten
Research Director, Southern
Adelaide Local Health Network
(SALHN)



Professor Alex Brown
Professor of Indigenous
Genomics at the Telethon Kids
Institute and The Australian
National University



Professor Anne Kelso
Honorary Professor University
of Melbourne, previous CEO
National Health and Medical
Research Council (NHMRC)



**Emeritus Professor Deborah
Hodgson**
Previous University of
Newcastle Pro Vice Chancellor
(Research) and Deputy Vice
Chancellor (Research and
Innovation)



Dr Helena Williams
Board Director, Barossa Hills
Fleurieu Local Health Network.
Board Director, Australian
Commission on Safety and
Quality in Health.



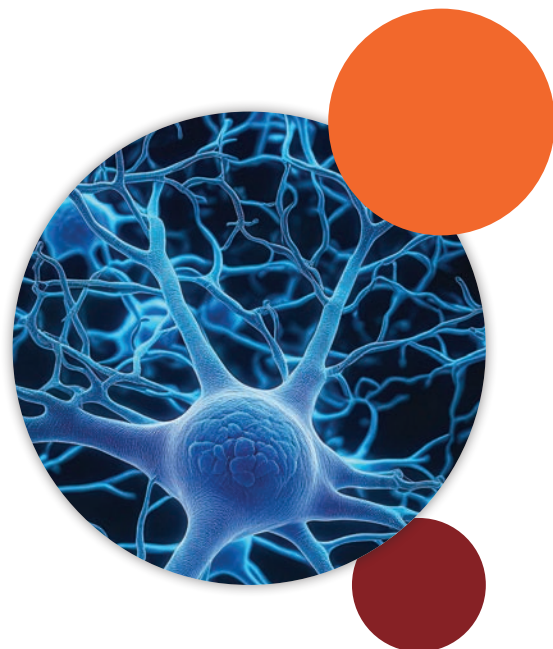
A/Professor Kathryn Gilbey
Executive Dean, Batchelor
Institute, Alice Springs,
Northern Territory



Professor Billie Bonevski
Director, FHMRI, and Dean
(Research), College of
Medicine and Public Health,
Flinders University (ex officio
member)



Professor Jonathan Craig
Vice President and Executive
Dean, College of Medicine
and Public Health, Flinders
University (ex officio member)



FHMRI Centre Leads

National Centre for Education and Training on Addiction (NCETA)

- Prof. Jacqueline Bowden – Director

International Centre for Point-of-Care Testing (IPOCT)

- Prof. Mark Shephard – Co-Director
- Dr. Susan Matthews – Co-Director

Poche SA+NT

- A/Prof. Kalinda Griffiths – Director

FHMRI Research Group Leads

Eye and Vision Flagship Program

- Dr. Emmanuelle Souzeau – Genetic Counselling for Eye Disease
- Prof. Jamie Craig – Glaucoma Genetics
- Prof. Justine Smith – Uveitis Mechanisms and Outcomes
- Prof. Keryn Williams – Australian Corneal Grant Registry
- Dr. Mark Hassall – Ocular Gene Therapy
- Dr. Miriam Keane – Clinical Ocular Registry Statistics
- A/Prof. Stewart Lake – Artificial Intelligence of Eye Disease

Sleep Health Flagship Program

- Prof. Danny Eckert – Sleep Health

Cancer Impact Program

- Prof. Alan Wigg – Liver Diseases
- Prof. Andrew Rowland – Precision Medicine - Extracellular vesicles as biomarkers
- Prof. Arduino Mangoni – Drug Discovery and Repurposing
- A/Prof. Ashley Hopkins – Clinical Cancer Epidemiology
- Prof. Bogda Koczwara – Cancer Survivorship
- Prof. Briony Forbes – Proteins in Metabolism and Cancer
- Prof. Chris Karapetis – Medical Oncology
- A/Prof. Erin Symonds – Bowel Health Service
- Dr. Ganessan Kichenadasse – Oncology and Pharmacology
- Dr. Giles Best – Lymphoma and Myeloma
- Prof. Janni Petersen – Environmental Control of Cell Growth and Division

- A/Prof. Kalinda Griffiths – Indigenous Data Sovereignty
- Dr. Luke Grundy – NeuroUrology
- Prof. Luke Selth – Prostate Cancer
- A/Prof. Michael Michael – Gene Expression
- Prof. Michael Sorich – Biostatistics and Machine Learning of Medicines
- Prof. Robyn Meech – Molecular Pharmacology
- Prof. Simon Conn – Alternative Splicing in Cancer
- Prof. Sonja Klebe – Dust Diseases
- Dr. Stephen Gregory – Chromosomal Instability and Cancer

Health Equity Impact Program

- Prof. Anna Ziersch – Migrant and Refugee Public Health
- A/Prof. Courtney Ryder – Trauma and Injury
- Dr. Danny Tsai – Rural and Remote Antimicrobial Stewardship
- A/Prof. Jacqueline Stephens – Health Access and Equity
- Prof. James Smith – Rural and Remote Health and Wellbeing
- Prof. Jaquelyne Hughes – Renal Health
- A/Prof. Karla Canuto – Indigenous Health
- Prof. Tamara Mackean – Aboriginal and Torres Strait Islander Public Health

Behavioural Health

- A/Prof. Anthony Venning – Behavioural Health
- Prof. Sharon Lawn – Community and Lived Experience Mental Health

Biostatistics

- A/Prof. Murthy Mittinty – Biostatistics

Biotechnology

- Prof. Vincent Bulone – Glycobiotechnology
- Prof. Wei Zhang – Advanced Marine Biomanufacturing
- Prof. Krasimir Vasilev – Biomedical Nanoengineering

Digital Health

- Prof. Niranjana Bidargaddi – Digital Health

General Practice

- Dr. Elaine Leung – General Practice
- Prof. Richard Reed – General Practice

Health Economics

- A/Prof. Billingsley Kaambwa – Health Economics
- Prof. Hossein Afzali – Health Economics
- Prof. Jon Karnon – Health Economics and Health Services

Medicine

- Prof. Anand Ganesan – Cardiac Signals Analysis
- Prof. Jonathan Gleadle – Nephrology
- Prof. Joseph Selvanayagam – Cardiac Imaging
- Prof. Shailesh Bihari – Intensive Care
- A/Prof. Yogesh Sharma – Health Services and Clinical Care for Heart Failure and Frailty

Microbiology, Infectious Diseases and Immunology

- Dr. Claire Jessup – Immunomodulation
- Prof. David Lynn – Systems Immunology
- Dr. Elke Sokoya – Chronic Diseases
- Dr. Feagal Ryan – Computational Multi-Omics
- Prof. Geraint Rogers – Microbe and Host Health
- Prof. Jill Carr – Virology
- Dr. Jing Jing Wang – Clinical Immunology and Autoimmunity
- Dr. Michael Roach – Bioinformatics
- A/Prof. Mihir Wechalekar – Rheumatology Synovial Tissue Translational
- Dr. Nick Eyre – Molecular Virology
- Prof. Tom Gordon – Clinical Immunology and Autoimmunity

Neuroscience

- Dr. Alyce Martin – Gut Hormones in Health and Disease
- Dr. Amy Wyatt – Neurodevelopment and Neurodiversity
- A/Prof. Arne Ittner – Molecular Memory and Dementia
- Prof. Cedric Bardy – Human Neurophysiology and Genetics

- A/Prof. Christine Barry – Musculoskeletal Neurobiology
- Prof. Damien Keating – Gut Sensory Systems
- Dr. Dusan Matusica – Pain and Sensory Cell Neurobiology
- Prof. Harald Janovjak – Synthetic Physiology
- Prof. Karin Nordstrom – Motion Vision
- Prof. Kim Hemsley – Childhood Dementia
- A/Prof. Mary-Louise Rogers – Motor neurone disease and Neurotrophic
- Prof. Nick Spencer – Visceral Neurophysiology
- Prof. Phil Dinning – Gastrointestinal Motility
- Prof. Taher Omari – Swallowing Pathophysiology
- A/Prof. Vladimir Zagorodnyuk – Bladder Neurobiology
- Dr Yee Lian Chew – Worm Neuroscience
- A/Prof. Yoichiro Otsuka – Integrative Neuroscience

Paramedicine

- A/Prof. Andrew Makkink – Paramedicine

Psychiatry

- Prof. Malcolm Battersby – Mental Illness

Public Health

- Prof. Billie Bonevski – Health Behaviour Change
- Prof. Jacquie Bowden – National Centre for Education on Addiction
- A/Prof. Marita Heffler – Tobacco Control
- Prof. Mark Shephard – Centre for Point of Care Testing
- Prof. Natalie Walker – Tobacco Control
- Prof. Richard Edwards – Tobacco Control
- Dr. Susan Matthews – Centre for Point of Care Testing

Rehabilitation and Aged Care

- Prof. Maria Crotty – Healthy Aging

Surgery

- A/Prof. Christopher Delaney – Vascular Surgery
- Prof. David Watson – Oesophageal and Gastric Diseases
- Prof. Eng Ooi – Ear, Nose, and Throat Surgery
- Dr. Fiona Taverner – Anaesthesia
- Prof. Greg Bain – Orthopaedics
- A/Prof. Savio George Barreto – Hepato-Pancreato-Biliary Surgery

Women's and Children's Health

- Prof. Claire Roberts – Pregnancy and Beyond
- Dr. Kathryn Martinello – Neonatology and Paediatrics
- A/Prof. Luke Grzeskowiak – Reproductive and Perinatal Pharmacoepidemiology



**Flinders
University**

FHMRI

LEARN MORE



CONTACT:

FHMRI@flinders.edu.au

Flinders.edu.au/FHMRI

FHMRI acknowledges people with lived and living experience of health challenges and ill-health; and the experience of those who are carers, families or supporters. We welcome and celebrate the contribution that these people bring to health and medical research.