



Life as a Clinician-Scientist

ALLIED HEALTH
Symposium



Australian Academy
of Health and
Medical Sciences

Online **Tuesday 5 September 2023**

Thank you to our sponsors

This event is part of the *Life as a Clinician-Scientist* program run by the Australian Academy of Health and Medical Sciences. This program is unique in Australia – inspiring, encouraging and supporting individuals across the country to pursue research careers in the health and medical sciences.

We are grateful to our program sponsors across Australia:

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The Academy also receives funding from the Australian Government, which supports the delivery of this program. The views expressed at this event do not necessarily reflect the views of the Australian Government.

Welcome to **Life as a Clinician-Scientist**

We are delighted to welcome you to our *Life as a Clinician-Scientist* symposium.

Our speakers will share their unique journeys that have led to a rich and rewarding career, filled with challenges and discovery.

Why consider life as a clinician-scientist?

Clinician-scientists are uniquely placed to solve the most challenging health problems facing our modern society. They work at the cutting edge of health, combining clinical skills with trailblazing research. They lead the discovery and development of new treatments, reveal insights into health and disease, and their work significantly impacts patient care.

The diverse and exciting careers that you will hear about today involve collaboration with multidisciplinary teams including clinicians, scientists, consumers and policy makers. While the challenges in medical research appear to be increasing, clinician-scientist careers remain rewarding and offer you the opportunity to create your own niche and pursue your passions.

The Australian Academy of Health and Medical Sciences was established in 2014 to provide an impartial and authoritative voice for health, informed by the highest quality evidence and expert advice from the best and brightest in health and medical research. One of the Academy's missions is to grow and mentor Australia's future generations of clinician-scientists and leaders in health and medical science.

Today's symposium aims to do just that. We are honoured that such a group of exemplary clinician-scientists, at different stages of their careers, have generously agreed to share their wisdom and expertise. We are also very grateful to our event sponsors for helping to facilitate this symposium highlighting these fascinating careers.

We encourage you to join the Twitter conversation by tagging the @AAHMS_Health handle. We hope the AAHMS Allied Health symposium, *Life as a Clinician-Scientist*, inspires you to consider becoming a clinician-scientist in the years ahead.

We would like to thank all of our sponsors who make the *Life as a Clinician-Scientist* program possible.

 @AAHMS_Health



Australian Academy
of Health and
Medical Sciences


About the Academy


The Australian Academy of Health and Medical Sciences is the independent expert voice for health and medical sciences in Australia. We advance research and innovation in Australia to improve everyone's health.

We are the nation's Learned Academy for the health and medical sciences: an interdisciplinary body of Fellows, who are Australia's most influential researchers in health and medicine. Each Fellow is elected by their peers for their outstanding contributions to the health and medical sciences in their respective fields.

The broad experience of our Fellows ensures that our advice is independent, expert and evidence-based. We use our knowledge and networks to drive change and provide leadership to ensure the most pressing health issues facing society can be addressed for the benefit of all.

We actively engage with the community to raise awareness and ensure that everyone can participate in, and benefit from, health and medical research. Through our work, we seek to reduce health inequities in Australia.

 aahms.org

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SESSION 1	
4.00pm	<p>Welcome to the Allied Health Life as a Clinician-Scientist Symposium</p> <p><u>Emeritus Professor Kathryn Refshauge FAHMS</u> Emeritus Professor, Sydney School of Health Sciences, Faculty of Medicine and Health The University of Sydney</p> <p><i>Welcome and acknowledgements</i></p>
4.05pm	<p><u>Professor Louise Baur AM FAHMS</u> Professor and Head of Child and Adolescent Health, The University of Sydney Chair; AAHMS Mentorship Committee</p> <p><i>Introduction and welcome from the Academy</i></p>
4.10pm	<p><u>Professor Peter Malliaris</u> Physiotherapist, and Professor of Physiotherapy, Monash University</p> <p><i>Uncertainty as fuel: The journey so far as a clinician-scientist</i></p>
4.25pm	<p><u>Dr Clare Burns</u> Speech Pathologist and Research Fellow, Royal Brisbane and Women's Hospital</p> <p><i>How and why I became a clinician-scientist</i></p>
SESSION 2	
<p>PANEL DISCUSSION: CHALLENGES ALONG THE WAY <i>Chaired by Emeritus Professor Kathy Refshauge FAHMS</i></p>	
4.40pm	<p><u>Professor Peter Malliaris</u> Physiotherapist and Professor of Physiotherapy, Monash University</p> <p><u>Dr Clare Burns</u> Speech Pathologist and Research Fellow, Royal Brisbane and Women's Hospital</p> <p><u>Associate Professor Susan Hart</u> Dietician and Eating Disorders Manager, St Vincents Hospital Network</p> <p><u>Dr Elizabeth Beadle</u> Clinical Psychologist and Neuropsychologist, Clinical Research Fellow Conjoint with STARS Hospital and The University of Queensland</p> <p><u>Ms Jennifer Campbell</u> Chief Allied Health Officer, Department of Health, WA Health</p>
5.30pm	EVENT CLOSE

Professional information for each speaker is available via their linked name above.

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UNSW Sydney

UNSW Sydney is one of the world's leading research and teaching-intensive universities, known for innovative, pioneering research and high-quality education with a global impact.

Since our foundation in 1949, our aim has been to improve and transform lives through excellence in research, outstanding education, and a commitment to advancing a just society.

Our cutting-edge research impacts a wide range of areas including water technology, waste management, hydrogen energy storage and cancer research. Solar photovoltaic cells developed from UNSW research continue to play a critical role in the global transition to renewable energy.

International and regional partnerships, first-class academics and state-of-the-art facilities mean UNSW students graduate with relevant, sought-after skills. We offer an extensive range of undergraduate, postgraduate and research programs that attract students from across Australia and around the world.

A member of the prestigious Group of Eight (Go8), a coalition of Australia's leading research-intensive universities, UNSW is ranked in the top 53rd* globally with over 65,000 students and a 7000+ strong research community. We are committed to making a difference by focusing on areas critical to the future.

UNSW is also a member of the prestigious Universitas 21 international network and is a founding member of the International Universities Climate Alliance, a collaborative endeavour with 50 member institutions supporting government leaders in developing a climate policy on a global scale. UNSW is also the only Australian member of the Global Alliance of Technological Universities, a member of the Association of Pacific Rim Universities (APRU), part of the PLuS Alliance, and a partner of Coursera – the largest global provider of MOOCs (massive open online courses).

The main UNSW campus is located on a 38-hectare site at Kensington, seven kilometres from the centre of Sydney.

Other major campuses are the Art & Design campus in the Sydney suburb of Paddington and UNSW Canberra at the Australian Defence Force Academy.



UNSW
SYDNEY

**Based on the 2022 Aggregate Ranking of Top Universities (ARTU)*

The University of Sydney

The University of Sydney has been challenging traditions for over 170 years. We make lives better by producing leaders of society and equipping our people with leadership qualities so they can serve our communities at every level.

Our vision for the next decade is unashamedly aspirational: to be known as a place where our education is transformational, where our community thrives through diversity, and our research tackles the world's greatest challenges. Whether in small steps, or giant leaps, the things we do today will change tomorrow. When leadership is for all of us, it is leadership for good.

With our research being driven by the big picture, we have invested more than \$1.5 billion in multidisciplinary initiatives in the last decade, to enable our academic staff to improve the lives of people in Australia and around the world. Supported by more than 90 research centres, our researchers are finding solutions to the world's greatest challenges – and many others – by changing the way they look at them.

The Faculty of Medicine and Health at the University of Sydney has a long history of excellence in health education and research and is focused on making and shaping the future of global healthcare. The Faculty has over 12,700 students enrolled in a large suite of professional health accredited degrees as well as basic sciences training, led by over 1200 academic staff. In the last five years, we have had 1,553 HDR completions, over 31,000 academic publications generating 520,000+ citations and received \$1.2 billion in research funding.

We're dedicated to understanding and solving the world's biggest healthcare challenges. We challenge barriers to universal health and wellbeing, and we're at the forefront of advances in medicine and health.

Learn more about our study and research options at sydney.edu.au/medicine-health.



THE UNIVERSITY OF
SYDNEY

The University of Queensland

For more than a century, The University of Queensland (UQ) has maintained a global reputation for delivering knowledge leadership for a better world.

The most prestigious and widely recognised rankings of world universities consistently place UQ among the world's top universities.

UQ has also won more national teaching awards than any other Australian university. This commitment to quality teaching empowers our 53,600 current students, who study across UQ's three campuses, to create positive change for society.

Our research has global impact, delivered by an interdisciplinary research community of more than 1500 researchers at our six faculties, eight research institutes and more than 100 research centres.

The Faculty of Medicine

The University of Queensland's Faculty of Medicine is an internationally recognised provider of world-class education and research. The Faculty of Medicine offers Australia's largest medical degree program for graduates and school-leavers. Undergraduate and postgraduate programs are available in the disciplines of Medicine, Health Sciences, E-Health, Mental Health, Biomedical Sciences and Public Health.

The Faculty possesses enormous strengths spanning research, teaching, industry engagement and clinical practice in disciplines ranging from the basic sciences, biomedical research and development, to clinical trials and public health.



The University of Melbourne

The University of Melbourne's Faculty of Medicine, Dentistry and Health Sciences is a global leader in higher education. Across our campuses, we convene brilliant minds from different disciplines and sectors to come together to address the most important health challenges of a changing world.

Our vision is to equip our students with a distinctive, future-facing education personalised around their ambitions and needs, enriched by global perspectives and embedded in a richly collaborative research culture.

As active citizens and future leaders, our students represent our greatest contribution to the world, and are at the heart of everything we do.

We serve society by engaging with our communities and ensuring education and research are inspired from the outset by need and for the benefit of society, while remaining committed to allowing academic freedom to flourish.

Through our work, we remain true to our purpose and fulfil our mission as a public-spirited

organisation, dedicated to the principles of fairness, equality and excellence in everything we do.

We strive for an environment that is inclusive and celebrates diversity.

Beyond our campuses we imagine an Australia that is ambitious, forward thinking and increasing its reputation and influence globally.

We are committed to playing a part in achieving this – building on our advantageous location in one of the world's most exciting cities and across the state of Victoria, in a region rapidly becoming a hub for innovative education, research and collaboration.



Barwon Health – Deakin University

Barwon Health is one of the largest and most comprehensive regional health services in Australia. The primary catchment for Barwon Health services has a population of 350,000 across south west Victoria, extending to 500,000 for some tertiary services to the South Australian border.

Quality research is embedded in every aspect of care at Barwon Health. Our clinical departments have established research links and programs, and many of our research groups are world class. We have a strong track record in community-based research, and our clinical trials groups are well organised and productive. Our programs leverage Barwon Health's unique position in providing of whole-of-system and whole-of-life care to a large, diverse and engaged population. We have a clear vision in our Research Strategic Plan 2022–2032: to make internationally important contributions to research that have a measurable impact on the health of our community.

As a Health Care Worker, you will be encouraged to join active research projects within your Clinical Directorates. You will be mentored by experienced and recognised senior medical and research staff, and supported by experts in biostatistics, research design and ethics. If you are interested in a more formal research experience, Barwon Health offers opportunities in partnership with Deakin University, such as a Masters in Surgical Research or a PhD within internationally renowned Research Centres.



Centenary Institute

The Centenary Institute is a world-leading research organisation dedicated to tackling humanity's most pressing health challenges. This is underpinned by our discovery and therapeutic research in inflammation and immunity, cardiovascular disorders, cancer and age-related diseases.

Our vision is to improve human health through excellence in medical research. Fundamentally, we make biological discoveries that drive therapeutic innovations to support our health globally, now and into the future.

The Institute is located in the heart of Sydney's Tech Central precinct and we are privileged in being able to leverage valuable expertise from our precinct partners The University of Sydney, the Royal Prince Alfred Hospital and the University of Technology Sydney. Our large number of clinician scientists and affiliated academics are perfectly positioned to ensure a virtuous cycle of bed-to-bench-to-bed activity and the translation of our cutting edge research into clinical practice.

At Centenary, we offer early career scientists and clinicians, postgraduates and graduates, opportunities to progress medical research careers working alongside world-leading medical researchers and clinicians supported by state-of-the-art facilities.

We capitalise on our geographical advantage to build meaningful relationships with a focus on multi-disciplinary collaboration and improved economies of scale to increase world-changing discoveries that will improve human health.



Murdoch Children's Research Institute

Murdoch Children's Research Institute is the leading child health research institute in Australia recognised in the top three worldwide for the quality and impact of its research.

For more than 35 years, Murdoch Children's Research Institute has been tackling some of the biggest health issues facing children. Their foundational work in genetics, pioneering discoveries in stem cell medicine, ambitious population health studies, commitment to health equality and agile clinical translation of research are changing what's possible for families and communities worldwide.

Today, their researchers work across more than 150 common and rare diseases and conditions affecting children. From allergies, asthma and mental health to cancer and rare genetic disorders, they vigorously pursue the answers that will improve the lives of all children from pre-conception through to early adulthood.

Murdoch Children's goal is to ensure all children, everywhere, are given the opportunity to live a healthy and fulfilled life. Operating in a unique model with The Royal Children's Hospital and The University of Melbourne, Murdoch Children's is part of a great circle of healthcare and discovery – helping transform child health from the labs to clinics and out into communities.








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