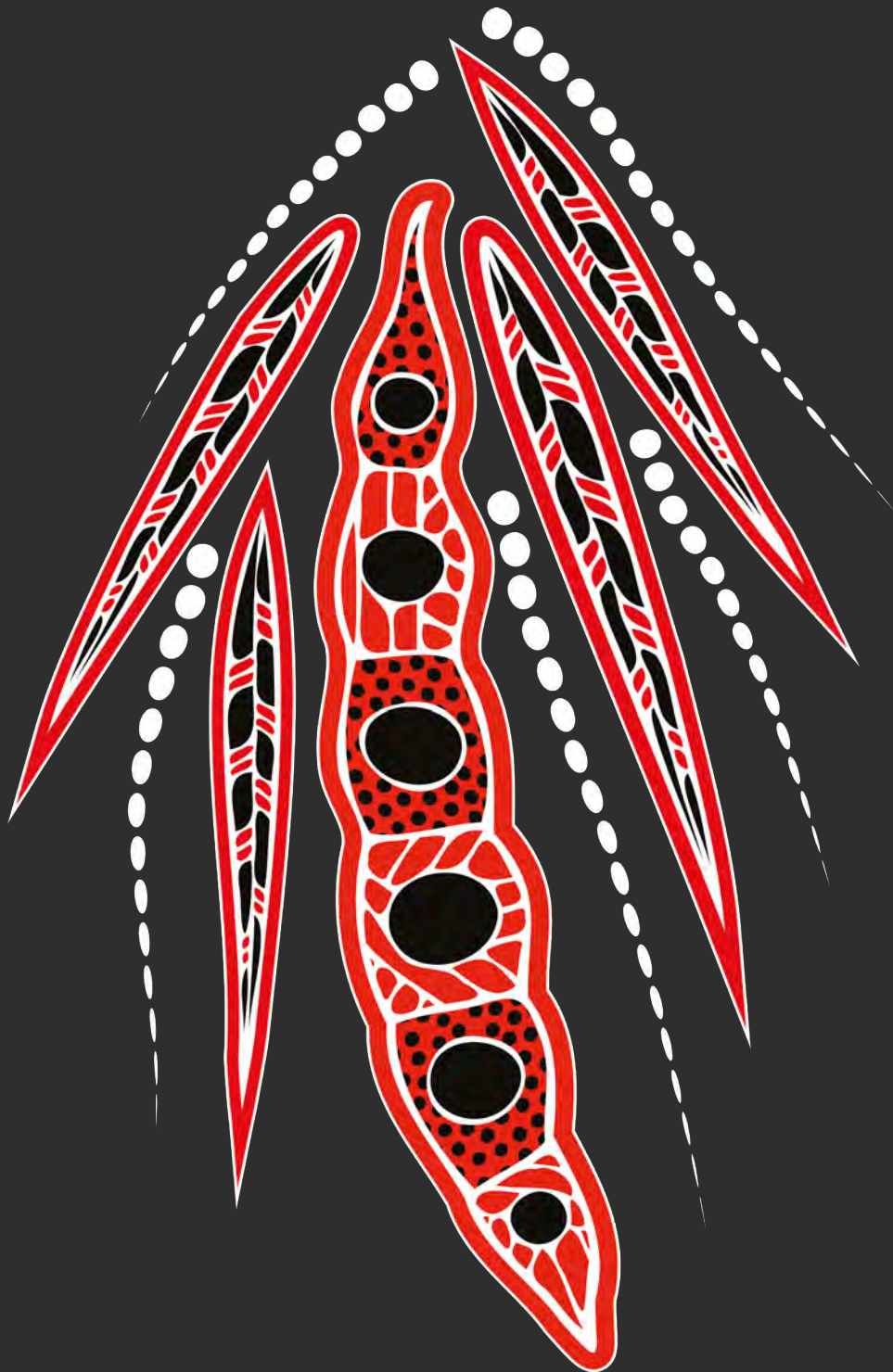


Faculty of Health

A photograph of a nurse in a dark blue polo shirt with the UTS logo on the chest, using a stethoscope to examine a patient lying in a hospital bed. The patient is wearing a white hospital gown with a small pattern. The entire image is overlaid with a semi-transparent blue filter. On the left side of the page, there are several vertical lines: a thick black line and several thin white lines.

School of Nursing and Midwifery

Annual Report 2022



Acknowledgement of country

UTS acknowledges the Gadigal people of the Eora Nation upon whose ancestral lands our City campus now stands. I would also like to pay respect to the Elders both past and present, acknowledging them as the traditional custodians of knowledge for these lands.



Contents

- 6 **Our commitment to health and well-being**
- 8 **Learning through research-inspired teaching**
- 10 **Staff spotlight**
- 12 **Student spotlight**
- 16 **Research with impact**
- 18 **Collective for Midwifery, Child and Family Health**
- 20 **Research spotlight**
- 26 **Publications and funding**
- 28 **Research students and projects**
- 31 **Our partners and collaborators**
- 32 **Partner spotlight**
- 38 **UTS WHO Collaborating Centre for Nursing and Midwifery**

Our commitment to health and well-being

From the Head of School



*Distinguished Professor
Tracy Levett-Jones*

We are delighted to share with you, the UTS School of Nursing and Midwifery annual report for 2022.

Our vision to improve the health and well-being of individuals and communities through world class research global connections and teaching that inspires nursing and midwifery graduates to be compassionate, curious, capable and politically astute, has kept us on track and borne fruit, despite the challenges of recent years. The last 12 months has been an exciting and productive time with many significant achievements and changes to the School and we have much to celebrate.

In 2022 I was honoured to be inducted into the Sigma Theta Tau International (STTI) Honour Society of Nursing Nurse Researcher Hall of Fame. Inductees must demonstrate a measurable and sustained national and international body of research that has significantly influenced the profession and the people it serves. In the research highlights, Professor Jane Maguire

outlines a number of our other key research accomplishments, including more than 160 peer-reviewed publications and more than \$7M in research income.

We've also had success in teaching and learning with prestigious awards and impressive outcomes. Undergraduate and postgraduate nursing and midwifery programs continue to grow with more than 3000 students enrolled. We have also added to our suite of postgraduate offerings this year with new postgraduate certificates in Acute Care, Nurse Education and Child and Family Health along with a new Masters of Women's and Children's Health.

The Bachelor of Nursing remains one of the 10 most 'in demand' courses across the east coast of Australia and is the only nursing course on the 'top 10' list. We are also proud to say that we have risen to 20th in the world in the QS rankings. We also recognise the achievements of some of our nursing and midwifery students and graduates and share some their outstanding achievements.



Professor Kathleen Baird

Having an International Food Day Lunch and celebrating the diversity of our staff



Performance highlights 2022

2400 enrolled undergraduate students

675 enrolled postgraduate students

50+ collaborations with local, national and global organisations

17 undergraduate/postgraduate courses delivered

160+ peer-reviewed publications

\$7m in external research funding

8 PhD completions

Internationally, we have strengthened our profile and collaborations with key university partners, including The University of Hong Kong, VinUni, Arizona, Mahidol and Linnaeus Universities. Our academics hold a number of visiting professor positions and collaborate extensively with international colleagues. The SoNM also hosted several visiting academics from international universities in 2022.

Closer to home our industry partnerships continue to develop with the appointment of four new conjoint academics at Northern Sydney and South-Eastern Sydney Local Health Districts.

Continuing with our International profile, the World Health Organization Collaborating Centre (WHO CC) UTS were honoured to be invited to serve as the selected Secretariat for the Global Network of WHO Collaborating Centres for Nursing and Midwifery (GNWHOCNM) 2022 – 2026. As the Secretariat WHO CC UTS, led by Professor Michele Rumsey, will seek to further the

vision and mission of the GNWHOCNM by being a reliable source of communication, community, and collaboration between the Global Network Centres and partners. We look forward to working closely with all Nursing and Midwifery Collaborating Centres throughout our tenure as Secretariat. Professor Tracy Levett-Jones and Professor Kathleen Baird hold the positions of Co-Assistant Secretary General of the Global Network.

The last 12 months has also seen several new staffing appointments with some exciting education focused positions. As a result of successful promotions and new appointments our Professoriate has now grown to 14.

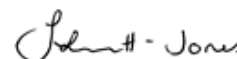
As I reflect on the School's achievements from the last year or two, I can't help but be immensely proud. Being the inaugural Head of School for the UTS School of Nursing and Midwifery was a wonderful privilege and I have enjoyed supporting the team to flourish and grow. However, my research and

industry relationships beckon and in March I decided that it was time for me to step down from the Head of School role. I am very grateful that Professor Kathleen Baird has agreed to take on the Acting Head of School role and I know that I leave the School in very good hands.

We hope that you enjoy reading our annual report and learning more about some of the exciting work taking place in the School of Nursing & Midwifery.

Kind regards,

**Distinguished Professor
Tracy Levett-Jones**
Former Head of School



Professor Kathleen Baird
Acting Head of School



SoNM staff volunteering at OzHarvest



Learning through research-inspired teaching

From the Deputy Head of School (Teaching and Learning)



*Professor Amanda Wilson,
Deputy Head of School,
Teaching and Learning*

In the language of the Gadigal people of the Eora Nation, *bujari gamarruwa*, which means 'good day'.

It is with immense pleasure that I present the annual report of teaching and learning from the School of Nursing and Midwifery at UTS. I am incredibly proud of the SoNM and the remarkable achievements of our dedicated staff and students.

Through innovative delivery modes, program restructuring, and a commitment to inclusivity, the SoNM has continued to provide excellent education to its students. As a country, we recognise the growing demand for highly skilled healthcare professionals who can provide compassionate and high-quality, evidence-based care.

I want to acknowledge the academic and clinical teaching staff for their unwavering dedication and commitment to providing an exceptional learning experience for our

students. Their pursuit for professional development and engagement in research projects is evidence of their commitment to providing the highest level of education to our students.

Now more than ever, it is vital that we continue investing in the quality of nursing and midwifery education to meet the evolving needs of the healthcare sector. Collaboration with healthcare partners to provide students with clinical placement opportunities and the development of innovative teaching strategies that foster critical thinking and problem-solving skills are foundational to the success of the SoNM.

I want to commend our students for their tireless dedication to their studies, particularly during the challenging times. Your resilience is an inspiration, and we are committed to providing you with the best possible education to prepare you for the challenges ahead.



The following image was created by **Joo Yin Maureen Tan**, a talented nursing student at UTS. This artwork was submitted as part of our annual event, The Art of Nursing competition. The competition is designed to encourage and celebrate the creativity of our nursing students and inspire their reflection on the meaning of illness, the impact of nursing care, and the experience of studying during a global pandemic. It is a beautiful representation of the creativity and passion that our students bring to their studies and their dedication to improving the lives of others through nursing.

What OPM offers:**Industry and input**

e.g., videos and interviews, case studies, content review and contribution.

Authentic assessments

Assessments that are work based (where possible) or based on authentic scenarios and situations.

Leaders in teaching and learning

The SoNM is internationally recognised as a leader in teaching and learning. The pedagogical excellence of the school is underpinned by an evidence-based approach to education and knowledge. This commitment is reflected in outcomes such as the Bachelor of Nursing being identified as an Outstanding and Commendable course at UTS for the third consecutive year and being rated number six in the Top 10 most in-demand courses in 2022 for domestic students.

In the Postgraduate space, the SoNM has converted all courses to asynchronous, intensive online learning, known as Online

Program Management (OPM). Our OPM courses are of exceptionally high quality, thanks to the experienced academic and clinical midwives and nurses working closely with a skilled design team to achieve state-of-the-art interactive and challenging content. As a result, our reputation and student intake in the post-graduate online space are growing exponentially.

Prof Michele Rumsey and the UTS World Health Organisation (WHO) Collaborating Centre have also had an overwhelming response to the free online Basic Psychosocial Skills, course which they developed and adapted for Pacific COVID-19

Responders. The program was designed to build resilience and mental health well-being for first responders and frontline health staff and, since launched, has received more than 2000 enrolments. See the WHO published article [here](#).

Together, we continue to make a positive impact in nursing and midwifery education and research. I want to emphasise the remarkable achievements of the SoNM and our dedication to providing exceptional education to our students. We are committed to ensuring that the SoNM continues to excel and make a positive impact in the healthcare sector.



Staff spotlight



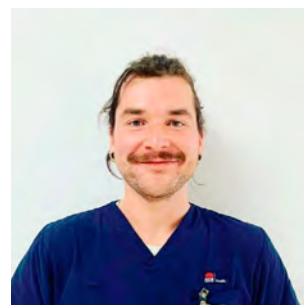
Dr Annabel Sheehy Lecturer, Midwifery

Dr Annabel Sheehy loves being a midwife. She was a clinical midwife in the years 2007 to 2021 at a metropolitan tertiary referral hospital. After undertaking her undergraduate midwifery education and graduating with the UTS University Medal, Annabel embarked on an Honours degree and has since worked in varying research and teaching roles with the Faculty of Health at UTS.

Annabel has been a valuable member of the UTS midwifery teaching team since 2019. Her passion for the education of midwifery students is focused on the subjects of anatomy and physiology, midwifery practice and skills, and the transition of student midwife into employed midwife.

Annabel specialises in teaching first year Bachelor of Midwifery students and is the First Year Clinical Subject Coordinator. Annabel's PhD focused on workforce trajectories, experiences, and career choices of new midwives, thus displaying her keen interest in workforce issues and sustainability of the midwifery profession. Annabel's current research interests are focused on early career midwives' employment experiences, most notably their clinical experiences with perinatal death, grief, and loss.

This year Annabel received the Faculty of Health Teaching and Learning Scholarship for her teaching projects on early career midwives' and midwifery students' experiences with perinatal death. She is currently assessing the student experience of a novel strategy of student Haiku composition as a means of enhancing student belonging and engagement in first year Bachelor of Midwifery students.



Jack Cornish Associate Lecturer, Nursing

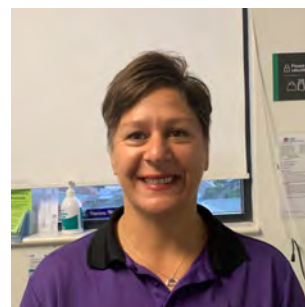
I have been working at UTS for the past seven years in various capacities and most recently as a tutor and subject coordinator. As a casual employee I have also developed content in the OPM space and continue to work as a Research Assistant for a couple of projects in the postgraduate space that are seeking to understand the student experience in this unique form of online learning.

My background is cardiothoracic intensive care nursing, and I have also been working in the social justice space for six years for the U@UNI Academy Program - an initiative that helps students from various disadvantaged backgrounds access the higher education everyone deserves. As an early career researcher, I am looking into ways in which we might better identify and mitigate undergraduate stress in relation to clinical placement and hope to extend this in the future to work towards minimising transitional workforce attrition.

I've recently come on as a full-time associate lecturer and have recently been coordinating Clinical Practice 2A and Introduction to Specialty Practice: Critical Care with Carolyn Antoniou and Natalie Govind. Additionally, I have picked up the role of Second Year Student Experience Coordinator which has complimented my subject delivery very well. This has been a very busy experience but rewarding!



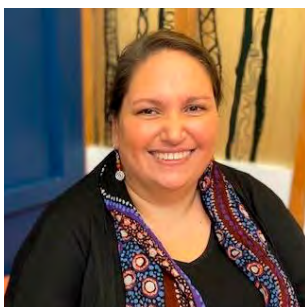
Student spotlight



Nina Sullivan **Bachelor of Nursing**

My name is Nina Sullivan. I'm a third-year Bachelor of Nursing student at UTS in Sydney. From a young age, I was drawn to caring for others, but it wasn't until later in life that I realised my true calling. In my late 40s, I found myself working in disability care and decided to take the leap and pursue a career in nursing. I began my studies at TAFE as an Enrolled Nurse and secured a job as an Assistant in Nursing whilst completing my degree. After graduation, I began my career as an Enrolled Nurse whilst completing my Bachelor of Nursing at UTS.

My goal is to work in ICU and to teach. I'm passionate about providing the best care possible to my patients and inspiring others to do the same. It's essential that we strive for safe nurse/patient ratios to ensure that we can deliver excellent care. By having time to spend with our patients, we can recognise subtle signs of deterioration and respond accordingly. I firmly believe that we're all put on this earth to help one another. There's nothing remarkable about me, but I truly love helping others and am grateful for the opportunity to do so through nursing.



Narelle Brown **Bachelor of Midwifery**

I am Narelle Brown, a third-year Bachelor of Midwifery student at UTS. My personal experience with pregnancy and childbirth inspired me to pursue a career in midwifery. I underwent several complex pregnancies that required me to spend extended periods in the hospital, which gave me a firsthand understanding of the profession and the profound impact that midwives can have on women during such a vulnerable time.

As an Aboriginal woman, I have a strong desire to support other Aboriginal and Torres Strait Islander women to have the best possible childbirth experience. I learned about the struggles that Aboriginal communities in rural and remote areas face due to a lack of appropriate healthcare services. This motivated me to work in this field and contribute to the Indigenous health workforce while addressing chronic health issues faced by Indigenous peoples.

Outside of my studies, I am an active member of the Australian College of Midwives (ACM), Congress of Aboriginal and Torres Strait Islander Nurses and Midwives (CATSINaM), and New South Wales Nursing and Midwifery Association (NSWNMA).

Upon graduation, I plan to gain employment with an Aboriginal-specific Midwifery Group Practice (MGP), incorporating Birthing on Country principles into maternity service structures, and prioritising the voices of women and families who use the services. I aim to advocate for improvements to workplace and student conditions, improve policy, and contribute further midwifery research to address the health issues affecting Indigenous women and their families during pregnancy and early childhood while balancing clinical practice.



Jennifer Goth **Bachelor of Midwifery** **(Midwifery Honours Student)**

I was born and raised in Japan. My high school years were spent here in Australia and I went to Newtown High School of Performing Arts where I was a budding dancer and actor. I ended up moving to the United States, where I completed my first degree whilst auditioning and acting at the same time. It was during this time that I realised I wanted to do something that I was not only passionate about, but that fulfilled me each day.

As I completed my prenatal yoga teacher training, I began to scratch the surface of women's reproductive health. It made me realise how little I knew about my own body as a woman. This sparked my desire to learn more - for myself and to help support women, families and society.

At that time, I decided to study medicine and so, returned to Australia. But I soon realised I didn't want to be a doctor - I wanted to support women in the perinatal period as an advocate for their choices and to integrate emotional, social and complementary therapies into my practice. Although painful at the time, discovering this was an incredible blessing for me.

I decided upon Midwifery. Midwifery is more than clinical skills and knowledge; it encompasses the spiritual and the emotional wellbeing of women. As a midwife, you need to take a holistic view of women. You need to consider the spiritual, mental, emotional, physical and motivational aspects of women. That is why midwifery appealed to me. I want to be able to support women through their pregnancy continuum in the ways they choose.

I chose to study at UTS because the facilities are excellent - the simulation labs are incredible. UTS pushes the boundaries. There is a great blend of practical work and theoretical study - the academics teaching Midwifery are leaders in their field. They give you a great introduction into the possibilities in midwifery as they are all contributing to the body of research in different ways.

Inspired by my academics, I undertook an honours degree. Where I shed light on the experiences of Chinese fathers' experiences supporting their partners through the perinatal period. Honours allowed me to explore my interests and immerse myself in academic literature. I also learned from the fathers I interviewed, as experts in their own experiences.

Currently, I am working at a tertiary hospital in Sydney as a research midwife and a clinical midwifery specialist on the Antenatal Ward. Being a midwife is incredibly fulfilling and honours has offered me opportunities that I would never have been able to imagine.

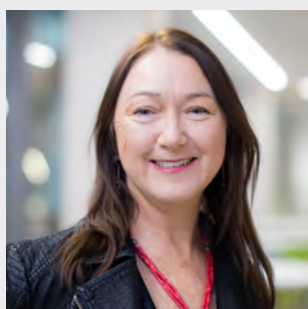
“Nurses and midwives never really finish learning, even after university. Both professions are committed to lifelong learning.”





Research with impact

Update from Deputy Head of School (Research)



*Professor Jane Maguire,
Deputy Head of School, Research,
School of Nursing and Midwifery*

I am incredibly proud to highlight the impressive research initiatives, activities and successes of the School of Nursing and Midwifery in 2022.

Our team has had a productive year, following the challenges we all faced in 2021, and the outputs and achievements detailed in this annual report are in large part testament to the hard work, dedication, skill, and collegiality of all academic and non-academic staff across the school. I would like to take this opportunity to thank each School of Nursing and Midwifery staff member for helping to maintain and in many cases grow our research program throughout 2022.

This last 12 months' activity and success position our School, Faculty and UTS well as leaders in rigorous evidence-based health research that is impactful and meaningful to many local, national, and international communities.

In addition, our research demonstrates our deep commitment to the 17 WHO Sustainable Development Goals, with many projects and programs of research that address Goal 3: Good Health and Wellbeing- Dr Elizabeth Brogan; Goal 4: Quality Education- Professor Tracy Levett-Jones; Goal 5: Gender Equality- Associate Professor Jo River; Goal 10: Reduced Inequalities- Dr Priya Suvanakumar, and Goal 17: Partnerships for the goals- Secretariate for WHO Collaborating Centre for Nursing, Midwifery and Health Development- Director Professor Michele Rumsey.

Our expert and dedicated multidisciplinary researchers, including, but not limited to, Distinguished Professor Tracy Levett-Jones who was among 32 nurse researchers worldwide to be inducted into the Sigma International Nurse Researcher Hall of Fame in 2022, and Professor Michele Rumsey who was appointed a Member (AM) of the Order of Australia for significant service to nursing, and to health care policy, provide a solid foundation on which to build an ambitious future in leading and helping advance health research of global impact.

Our research students have also played a vital role in setting the foundations for our future and I am pleased to highlight some of their achievements and outputs in this report. It is inspiring to see the impact they are already having during their early careers.

During 2022 we continued to build on our strong relationships and collaborations with our important partners and collaborators across New South Wales and the globe. We have successfully signed one new Memorandum of Understanding with Hong Kong University and continue to deepen our partnership with the University of Arizona. Our highly valuable conjoint collaborations with our midwives and nurses continue to engage with several health districts across the Sydney region, strengthening research capabilities, midwifery and nursing clinical education, and higher degree research opportunities through these valuable and sustained networks.

58

HDR enrolments

40 Nursing

18 Midwifery

09

Honours students

04

International MOUs

08

PhD completions

Collective for Midwifery, Child and Family Health



Professor Jennifer Fenwick

The CMCFH vision is to improve the health of families through leadership in midwifery, nursing, child and family health research, education, practice development and consultancy, nationally and internationally. The focus is on childbearing women, newborns, families with children and young people or adolescents.

The Centre members have had a productive 2022. Fourteen grants, worth a total of more than \$4.5 million were awarded. This is an incredible result and one to be celebrated. CMCFH members published 30 research articles with several manuscripts accepted and published on-line in press. There were eight published conference abstracts and 48 conference presentations. The team reviewed over 100 journal articles.

Dr Annabel Sheehy was awarded a Faculty of Health 'Individual Teaching High Commendation', for optimising students' transitions into and out of undergraduate midwifery higher education, as well the

Health Dean's Academic Excellence Award for Research Inspired Teaching. Sabera Turkmani was awarded the Faculty of Health Alumni Award for women's rights and health advocacy.

In 2022, eight HDR students submitted their thesis and will graduate in 2023. Currently, there are 37 HDR students associated with CMCFH with another three external students being supervised by members. Building capacity remains a critical part of the CMCFH agenda and our reputation continues to attract domestic and international HDR students.

The CMCFH is a group of inspiring and enthusiastic midwives and nurses who partner with a range of healthcare professionals, students, and consumers. The members are proud of the research contribution CMCFH makes to childbearing women, families, newborns and young children as well as the professions of midwifery and nursing.





14 grants

100+ journal article reviews

\$4.5 million+ in research

8 published conference abstracts

48 conference presentations

37 Higher Degree Research (HDR) students

30 published articles

Research spotlight



Distinguished Professor Tracy Levett-Jones has been recognised among 32 nurse researchers worldwide



Professor Michele Rumsey works tirelessly with nurses and midwives across the Pacific region to achieve better health outcomes

Tracy Levett-Jones in the Nurse Researcher Hall of Fame

UTS former Head of Nursing and Midwifery Professor Tracy Levett-Jones was among 32 nurse researchers worldwide to be inducted into the Sigma International Nurse Researcher Hall of Fame in 2022.

Professor Tracy Levett-Jones was inducted into the Sigma Theta Tau (STTI) International Honor Society of Nursing Nurse Researcher Hall of Fame at Sigma's 33rd International Nursing Research Congress in July 2022.

Tracy's extensive program of research spans nearly 20 years and focuses primarily on healthcare education and its impact on patient outcomes.

The impact and influence of Tracy's research was recognised in 2021 when she was ranked as one of the world's top 1% of scientists in the discipline of nursing according to Stanford University, and in 2019 Tracy was identified as the top researcher in health and medical sciences in the field of nursing by the Australian Research Magazine.

Tracy has also been awarded over seven million dollars in grant funding, has published over 200 journal articles and has a h index of 57.

"I am delighted to receive this Hall of Fame award as it recognises the importance of healthcare education research and its impact on patient outcomes. This achievement is particularly meaningful as it illustrates the significance of a program of research undertaken with many colleagues over a number of years and without whom this award would not have eventuated," Professor Levett-Jones said.

This year marks the 13th presentation of the prestigious Hall of Fame honour. The inductees joined 238 previously inducted nurse researchers, all of whom have achieved significant and sustained national or international recognition and whose research has improved the profession of nursing and the people it serves.

Michele Rumsey recognised in Queen's Birthday honours

Michele Rumsey, Director of the UTS WHO Collaborating Centre was recognised in the 2022 Queen's Birthday honours, appointed a Member (AM) of the Order of Australia for significant service to nursing, and to health care policy.

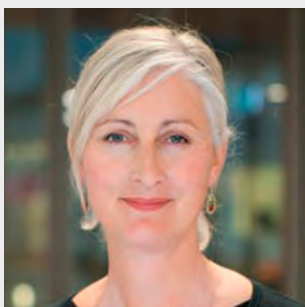
Michele Rumsey is the founding Director of the World Health Organisation Collaborating Centre for Nursing, Midwifery and Health Development, established at UTS in 2008. She has played an important role in developing and strengthening health workforce regulation and education to achieve better health outcomes in the Western Pacific region.

At the age of only 16, Rumsey embarked on what has become an "eclectic nursing career", characterised by her passion and persistence. She is skilled in consultation, strategic planning, research, networking, negotiation and project management, and able to work in ways that are culturally appropriate, building trust and relationships with local health care workers. Nurses are three-quarters of the professional health workforce in the South and Western Pacific, 95% are women and more than half are under 35.

Some of the UTS Faculty of Health, WHO Collaborating Centre's current projects, in partnership with nurses and midwives across the Pacific region include, the Pacific leadership programs and health workforce quality improvement programs with WHO. Also a multimillion-dollar health strengthening education program with PNG's National Department of Health, funded by the Australian Government.

Michele Rumsey said she was very humbled to receive this honour.

"It's hard when the colleagues I work with are so stretched every day but this is a way to shine a spotlight on the value of nursing and midwifery. Anything we can do to support nursing, and for people to understand the value of nursing, is really important."



Associate Professor Christine Catling

Five-year fellowship: Enhancing workplace culture within maternity units

Associate Professor Christine Catling is an NHMRC Research Fellow within the Faculty of Health.

A former Director of Midwifery Studies at UTS, she is currently conducting a five-year research project involving 12 maternity sites in a project called Group Clinical Supervision for Midwives in Sydney. This cluster randomised controlled trial will examine the relationship between attendance at Clinical Supervision (a facilitated, structured, reflective process), burnout, sick leave and attrition in the midwifery workforce.

“Even before the pandemic we had over 80 per cent of midwives reporting some form of burnout. This has been greatly exacerbated by the effects of COVID-19 and the ongoing staffing crises,” Christine said.

“My research focuses on helping midwives cope with the emotional aspects of their job.

“Where many other health professionals (psychologists in particular) have facilitated and structured support embedded into their discipline, that is not always the case for midwives.”

After working as a registered nurse in the UK, Christine moved into midwifery and became passionate about the extensive benefits of midwifery-led continuity models of care.

“After working in acute medical/coronary care settings, I found the whole spectrum of pregnancy, labour, birth and early parenting period fascinating,” she said.

“Midwifery is pivotal to the well-being of childbearing women and their families in so many ways and encompasses their culture and values in a partnership that can greatly augment and ensure women’s safety (physical and psychological) are central to the relationship.”

She is the co-lead of the Sydney Partnership for Health, Education, Research and Enterprise (SPHERE) Maternal, Newborn and Women’s Clinical Academic Group.



Dr Leila Gholizadeh

Role of culture in cardiovascular disease development and recovery

Dr. Leila Gholizadeh is a lecturer at the UTS Faculty of Health’s School of Nursing and Midwifery, specialising in cardiovascular disease. She has extensive clinical and research expertise in this field, with a focus on primary, secondary, and tertiary prevention of cardiovascular diseases. Her research is centred around understanding individual and socio-cultural factors that influence the development and management of heart disease, including risk perception, causal attributions, and self-care practices.

Dr. Gholizadeh is actively collaborating with research scholars in Australia and internationally on various projects aimed at improving outcomes for patients with heart disease. These projects encompass areas such as cardiac rehabilitation, quality of life, depression, and patients’ experiences of living with heart disease. Her current research projects include:

- Investigating medication adherence in heart failure
- Exploring self-care practices in heart failure and hypertension
- Studying young adults with myocardial infarction
- Examining patient experiences and recovery after coronary artery bypass graft
- Investigating symptom recognition and treatment seeking in women
- Exploring quality of life changes post myocardial infarction, and
- Assessing cardiovascular disease risk associated with a history of complications of pregnancy.

Research spotlight

Technology in midwifery practice

Deborah Fox is Associate Professor in Midwifery, Course Director of the Bachelor of Midwifery and core member of the Collective for Midwifery, Child and Family Health at UTS. She is an Editorial Board member of the journals 'PLOS One' and 'Women and Birth', and chair of the National Publicly Funded Homebirth Consortium based at UTS.

The focus of her research is optimising physiological processes and positive experiences for women with complex pregnancies. The mediation of technology in midwifery practice is a key component of this work. In 2020, she led a clinical trial at the Royal Hospital for Women in Randwick, exploring the feasibility of implementing innovative, non-invasive beltless and wireless fetal monitoring technologies to enable women with complexities greater levels of bodily autonomy in labour and birth. A multi-site RCT is now underway across three states, evaluating the use of the technology in women with increased body mass index.

Dr Anne-Marie Eades – Associate Professor Indigenous

Dr Anne-Marie Eades is a Noongar woman and registered Nurse with a PhD in Public Health. She is a mid-career researcher and Associate Professor in Indigenous Health in the School of Nursing at UTS.

Dr Eades holds a split teaching and research appointment with a teaching focus being on Indigenous Health and Wellbeing. She currently leads a MRFF project related to Aboriginal women's health, cultural understandings, and vaccine hesitancy.

Prior to this role at UTS, Dr Eades' focus was as a public health and health service researcher specialising in Aboriginal and Torres Strait Islander people's health and wellbeing with an emphasis on keeping family and community central to interventions aimed at reducing health disparities. Following a 25-year career in health, 19 of which focussed on Aboriginal and Torres Strait Islander health, she transitioned in 2011 to a research career that has continued this same focus.

Dr Eades' research interests relate to the role of psychosocial factors in chronic disease and building resilience in Aboriginal and Torres Strait Islander health. Dr Eades PhD study was understanding how individual, family and societal influences impact on Indigenous women's health.



What is the ELDAC Care Model?

The eight-stage model will help aged care staff determine:

- whether a person is approaching the end of their life
- how to plan and deliver care for a person
- how a person's care needs might change over time
- what resources would be useful for you in providing care
- whether you have education or learning needs.

What are the stages?

Easy to access and digest

The Residential Aged Care and Home Care toolkits are both divided into three main sections:

- Clinical Care
- Education and Learning
- Organisational Support

Each section has resources including a suite of videos designed to deliver the most up-to-date, evidence-based skills in a format that is as accessible as possible.



Professor Deborah Parker

Resources for aged care staff to provide end of life care for older people

Managing the final weeks and months of someone's life is a complex and challenging task.

Every death is different. The needs of every dying individual are as diverse as the needs of every individual in the rest of their lives. So, providing for the needs of people in their last year of life can be a complex, challenging task for clinicians and aged care workers.

Professor Deborah Parker – a registered nurse with experience in aged care – heads a three-person team at the UTS School of Nursing and Midwifery that develops toolkits for the aged care sector.

Their work is part of End of Life Directions for Aged Care (ELDAC), a national specialist palliative care and advance care planning advisory project.

The project is a collaboration between three universities and industry peak bodies in palliative care, aged care and healthcare providers.

ELDAC is funded by the Australian Government Department of Health. It supports the \$23.6bn spent on the sector every year by the Federal Government.

“We say end of life is the last 12 months of life, but it also includes the last days and weeks of life,” Professor Parker says.

We don't want to teach people just for those last couple of days. We want to teach people to recognise the changes in people well in advance.

Professor Parker developed The Palliative Approach Toolkit in 2011, the research group has now replaced that with the Residential Aged Care and Home Care Toolkits that form part of the ELDAC National Project.

“These toolkits are mechanisms for staff to really understand for how to prepare for caring for people in their last 12 months of life,” says Professor Parker.

“They also help staff care for the families through the last months of life, and beyond into bereavement.

“These are evidence-based tools that we know work. We want staff to know where to go to get that information.”

“The most inspiring part of this project for me is knowing that it's so difficult as a frontline clinician to have up to date information that is easy to digest,” says Professor Parker.

“We have packaged information as clearly as we can so if you are looking after someone in pain, or in distress – example – there are tools that can make a real impact on a person's quality of life.

“This is about trying to make life as easy as possible for clinicians, allied health workers and primary care workers.

“It's also designed about making our final days as easy as possible for all Australians and their loved ones.”





“Nursing and Midwifery are professions rooted in care and empathy; they are the heart of healthcare.”

Publications and funding

2022 was a busy year for the School of Nursing and Midwifery with our academics authoring and co-authoring more than 160 peer-reviewed publications with several colleagues from across UTS and outside of the University. Our research has had broad reach with many publications being cited and acknowledged across the globe, including in New Zealand, the United Kingdom, USA, Europe, and Canada.

In 2022, the School of Nursing and Midwifery was awarded more than \$7 million in external research income across all research categories of funding as well as extraordinary success with 17 internal School grants.

Internal social impact grants

- **'Increasing Cultural Safety for and with Aboriginal and Torres Strait Islander Midwifery Students'**
Dr Rebecca Coddington (Centre for Midwifery Child and Family Health, UTS), Dr Deborah Fox (Centre for Midwifery Child and Family Health, UTS), Ms Danielle Manton (Girra Maa, UTS), Ms Melanie Briggs (Waminda South Coast Women's Health and Welfare Aboriginal Corporation), Professor Kathleen Baird (Centre for Midwifery Child and Family Health, UTS)
- **'Collaborating with peer support leaders to develop the epistemic resources to meaningfully evaluate the transformative power of peer support practice for individuals and communities.'** Jo River, Emma Paino, Brett Bellingham, Tim Hefferman, Holly Kemp, Sophie Isobel and Kath Thorburn. Emma Paino is a peer leader and educator at the Mental Health Coordinating Council, and Tim Hefferman is the Deputy Commissioner, NSW (New South Wales) Mental Health Commission
- **'PNG National Department of Health Impact Assessment Baseline Survey of Nursing and CHW Graduates and Supervisors in PNG: Identifying Critical Gaps in Training'** Michele Rumsey et al

Publication highlights

Study on stroke informs drug discovery and risk prediction

A large international collaborative gathering more than 200,000 stroke patients and over 2 million control individuals across five different ancestries identifies association signals for stroke and its subtypes.

The results of the largest genomic study on stroke were recently published online in the world's leading multidisciplinary science journal, Nature.

The study was based on DNA samples of more than 2.5 million participants of whom 200,000 had a stroke. Participants were of European, East-Asian, African, South-Asian, and Latin-American ancestry (a third of stroke patients were non-European). They were derived from numerous hospital-based and population-based cohorts and biobanks, as well as five clinical trials.

The study was conducted by members of the GIGASTROKE consortium, involving several international consortia and networks, such as ISGC and CHARGE, and investigators from over 20 countries, including Professor Jane Maguire, Deputy Head of School (Research) in the School of Nursing and Midwifery at UTS.

"I am incredibly fortunate to be part of this worldwide effort. My colleagues, the international stroke genetics research community, continue to explore new approaches to stroke prevention and care for all populations, through better informed, targeted stroke management and treatments," said Professor Maguire.

Midwifery workplace culture in Sydney, Australia

Associate Professor Christine Catling co-authored a study to assess midwives' perceptions of workplace culture in two maternity units in Sydney, Australia, and compare the results with a national study using the same validated instrument. Workplace collaboration, support, respect and understanding were extremely important to midwives, as were adequate staffing levels, teamwork and opportunities for further education.

This study was published online at Women and Birth:
hdl.handle.net/10453/151947

Exploration of a rapid response team model of care: A descriptive dual methods study.

Avoidable in-patient clinical deterioration results in serious adverse events and up to 80% are preventable. Rapid response systems allow early recognition and response to clinical deterioration.

Professor Marg Fry co-led a study to explore the characteristics of a collaborative rapid response team model. The study was conducted in a 500-bed tertiary referral hospital in Sydney, Australia.

The study showed that the rapid response model was collaborative and supportive. The themes revealed a focus on patient safety, optimising early detection, and management of patient deterioration.

This study was published online in Intensive and Critical Care Nursing 2022:
hdl.handle.net/10453/163356

160+
publications

17
internal
School grants

\$7
million
in external
grants

03
Cross
Faculty grants

03
Internal Social
Impact grants

Research students and projects

HDR Student success

Natural Language Processing: a healthcare solution

UTS Faculty of Health Higher Degree Research student and nurse, Julia Pilowsky alongside her team of clinicians and data scientists highlighted the potential of Natural Language Processing (NLP) in healthcare, pitching the winning idea at the 2022 National Healthcare Datathon.

The National Healthcare Datathon is run by IntelliHQ and the Australia and New Zealand Intensive Care Society (ANZICS). The event brings clinicians and data scientists together to use healthcare data to solve real world clinical problems.

During the datathon, each team is given access to real patient data from a variety of sources, including NSW Health and the ANZICS Adult Patient Database. Teams

must produce data-driven solutions to a chosen problem and pitch their ideas to a panel of judges at the regional hub – with winners going on to the national pitch.

Julia's team which included Nhi Nguyen and Lizzie Barrett, clinicians from the Agency for Clinical Innovation (ACI) and data scientists Jae-Won Choi, eHealth NSW and Thomas Beltrame, Flinders University, moved through the regional hub, and were awarded winners of the national pitch.

Julia's team had initially planned to develop an algorithm to better predict which critically ill patients were more likely to develop a pressure injury during their stay in the intensive care unit (ICU).

However, after interrogating the data from the NSW Health ICU electronic medical record (eRIC) they realised only 12% of patients had their pressure injury status filled at any point during their admission.

Julia Pilowsky and her team



It was Julia's previous work using a Natural Language Processing (NLP) algorithm that offered the solution. NLP is what enables computers to understand human's natural language, whether spoken or written. It uses artificial intelligence to take real-world input (text or speech) and decode it in a way a computer understands.

The team presented the idea of an NLP algorithm capable of determining a patient's pressure injury status based on progress note documentation.

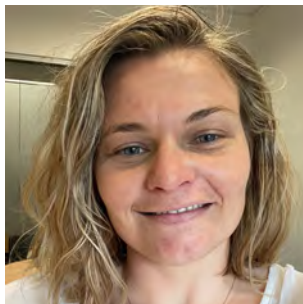
Julia says, "We imagine the algorithm could be embedded locally within each ICU's electronic medical record and provide high quality data on pressure injuries in the unit.

"The algorithm could also be generalised to other under-researched topics that are difficult to obtain complete data on, for example delirium or agitation.

"We also anticipate the algorithm could be used to automatically complete the vast array of tick-box fields present in the clinical information system by using information from progress notes, thereby reducing the documentation burden for clinicians.

"Ever since discovering the power of NLP in my PhD, I have been looking for ways to implement it in real-world healthcare computer systems to enable researchers and clinicians to access the wealth of information locked behind text-based data.

"With the support our team has received from winning the datathon we hope to develop and implement an algorithm to do just that."



Reakeeta Smallwood HDR student

Reakeeta is a proud Calala Murri Gamilaroi yinarr and Registered Nurse from Tamworth, NSW. A recipient of the Jumbunna Postgraduate Research Scholarship, Reakeeta's PhD study is focused on historical trauma inquiry because of colonisation. Aged between 18 – 24 years Aboriginal young people participated in research yarning, sharing their perspectives of historical trauma inquiry and collective resilience. Located within the Indigenous Research paradigm the research approach has been informed by relational ontologies as part of connection to Country/Kin and Culture.

Integral to this research approach is the obligation held towards telling stories of hope, healing and self-determination whilst amplifying the voices of Aboriginal young people and their experiences. In addition to publishing her study widely in high level academic journals, Reakeeta has used artworks and poetic techniques as a way of sense-making and knowledge translation in her work.

"Historical trauma inquiry was about being reflective and conscious of colonisation to the young people in this study, and how they drew strength and healing, by being informed of the historical experiences and present-day oppressions," Reakeeta said.

"Despite being in Tamworth remotely for my doctoral work, being a HDR student at UTS has been a wonderful experience. I have always been so supported by the Faculty of Health, HDR Support and the School of Nursing and Midwifery."

Reakeeta is the 2023 recipient of the Faculty of Health's HDR Student Intensive Research Visit Scheme. For this grant, Reakeeta will work with Professor Karen Adams at Monash University, participating in several knowledge translation activities in Narm (Melbourne) for her doctoral work and beyond.

05

Local Health
District
partnerships

06

Conjoint
collaborations

02

World University
Network
partners

04

International
MOUs

50+

Clinical partners
for student
placements

Our partners and collaborators

The School of Nursing and Midwifery partners with several international, national, and local organisations and associations to achieve impact. Our strong conjoint collaborations with several leading institutions across New South Wales help strengthen our research capabilities, clinical education, and higher degree research opportunities.

International partnerships

- University of Arizona, College of Nursing
- Ramathibodi School of Nursing, Faculty of Medicine Ramathibodi Hospital
- Faculty of Nursing, Mahidol University.

National Organisational partnerships

- Australian Nurses and Midwifery Clinical Trials Network - Executive Committee member Professor Kathleen Baird and Strategic Advisory group member Professor Jane Maguire
- Australian College of Nursing
- UTS SoNM Affiliate status

International

Memorandum of Understanding

- Johns Hopkins University - renewed
- Mahidol University, Ramadibodi School of Nursing - in place
- Hong Kong University - in place
- University of Arizona - in progress
- Linnaeus University Sweden- in progress

Local industry engagement, conjoint collaborations, and clinical chairs

- Prince of Wales Hospital, Randwick - Professor Lin Perry
- Northern Sydney Local Health District - Associate Professor Jo River, Professor Margaret Fry, Distinguished Professor Tracy Levett Jones, Professor Kathleen Baird, Professor Jennifer Fenwick
- Sydney Children's Network - Professor Marilyn Cruickshank
- Southwestern Sydney Local Health District - Ingham Research Institute, New collaboration - Professor Josephine Chow, two PhD (Philosophy Doctorate) student candidates
- More than 50 clinical partners that support clinical placements for our students



Partner spotlight



Visiting Scholars

Liaw Sok Ying

Associate Professor Liaw Sok Ying from the Alice Lee Centre for Nursing Studies, Yong Loo Lin School of Medicine, National University of Singapore was a visiting scholar during May-July 2022.

Sok Ying, is a registered nurse and Director of Education at the Alice Lee Centre for Nursing Studies at the National University of Singapore (NUS). She was one of the inaugural members of the NUS interprofessional education committee and led the development and implementation of simulation-based interprofessional education and virtual interprofessional simulation for dental, medical, nursing,

pharmacy and medical social work healthcare students.

In navigating better ways to deliver simulation, Sok Ying pioneered the use of virtual reality, artificial intelligence and serious games at NUS. Her focus is on improving patient safety and interprofessional collaborative practice. She led the development of e-RAPIDS (Rescuing A Patient In Deterioration Situation) and CREATIVE (Creative Real-time And Teamwork In Virtual Environment) which is used in medical and nursing programs.

National Partnerships

Australian College of Nursing - conference in Darwin

From 17-19 August, several of our Nursing staff attended the Australian College of Nursing National Nursing Forum 2022 in Darwin.

Aboriginal CATSINAM - August

CATISNaM Gala Dinner

Some members of the School of Nursing and Midwifery team were delighted to attend the CATSINaM 25th Anniversary Celebration Gala Dinner on the 20th of August on Gadigal Country at the Hyatt Regency Hotel in Sydney. It was a night of celebration, good food and

Darwin conference



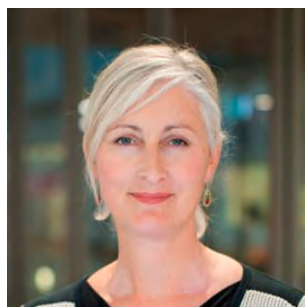
wonderful entainment. Luke Carrol Wiradjuri actor and TV presenter was the Master of Ceremonies and singer Rochelle Watson Quandamooka, Meriam and CATSINaM members provided the entertainment.

The evening included the annual awards ceremony and guest speakers, Uncle Michael 'Gillar' Anderson, Euahlayi Elder and founding member of the Tent Embassy, and the Sovereign Union of Frist Nations and Peoples and Laverne Bellear Bundjalung, CEO of Redfern Aboriginal Medical Services.

Founding members of CATSINaM were celebrated and acknowledged. To fit in with the theme of the 25th Anniversary, 25 Acts of individual activism were acknowledged in a moving celebration. Adjunct Professor Aunty Gracelyn Smallwood Birrgubba was acknowledged for 55 years of nursing and midwifery activism and was awarded the CATSINaM lifetime achievement award. It was an evening of celebration of both the past and future of CATSINaM and it was a privilege to be able to share in the celebrations.

Students commented that "the CATSINaM Conference was amazing. I've come away with some ideas to approach my hospital with. The dinner continued with some influential speakers so we got much more out of it than just a nice meal. We are really grateful for the opportunity"

CatsiNaM Gala Dinner



SPHERE

Co-Lead by Associate Professor Christine Catling

Associate Professor Christine Catling co-leads the Maternal, Newborn and Women's Clinical Academic Group (CAG) of SPHERE with Associate Professor Amanda Henry (an obstetrician and researcher based at St George Hospital and UNSW, also a UTS Adjunct). SPHERE is the Sydney Partnership for Health Education, Research and Enterprise. SPHERE was gifted an Aboriginal name – which is Maridulu Budyari Gumal – which means 'working together for good health and wellbeing'.

There are 16 CAGs within SPHERE and UTS has been funded every year following an annual

performance review that is assessed by the SPHERE Council. These CAGs each have a health focus – and range from our CAG, with a maternal/women's focus, to cancer, ageing, paediatrics, urban environments, early life determinants of health, Aboriginal, cardiovascular, genetics and more.

Our main aim is to mobilise, drive and accelerate research translation towards improving healthcare outcomes and better value care. The membership of our CAG comprises clinicians and academics in midwifery, obstetrics, gynaecology, medicine and dentistry, public health, general practice, neonatology, implementation science academics and of course consumers – who are instrumental in ensuring the projects we are involved in are relevant and necessary.

Currently the CAG is driving a project about Shared Decision Making in maternity – and this involves maternity sites within South-Eastern and South-Western Sydney Local Health Districts.

Australian Nursing and Midwifery Clinical Trials Network

The aim of the ANMCTN is to establish and sustain a coordinated nursing and midwifery Clinical Trial Network (CTN) focused on facilitating high-quality, high-impact clinical research to improve patient outcomes, advance clinical care through the evidence base, and improve the efficiency of the healthcare system.

Collaboration with the Australian Nursing and Midwifery Clinical Trails Network:

Professor Kathleen Baird is a member of the executive committee and Professor Jane Maguire is a member of the strategic advisory committee.

anmctn.com.au/governance



Partner spotlight



THE UNIVERSITY
OF ARIZONA

The University of Arizona College of Nursing

This collaboration commenced late 2022 and continues in 2023 through the Virtual Lightening talks sessions. We have now conducted three out of the four. Sessions included Cardiovascular Research, Workforce and Models of Care, Women and Children's health, and the final session Education and Evaluation. There were on average 10 presenters and over 30 attendees at each session and many ongoing communications with researchers from both institutions.

The Early Career Researchers in SoNM are engaging with our UA colleagues and building their international collaborations through this initiative.



Mahidol University

Ramathibodi School of Nursing, Faculty of Medicine Ramathibodi Hospital and Faculty of Nursing, Mahidol University.

The School of Nursing and Midwifery is collaborating with both the Faculty of Health and Ramathibodi School of Nursing, Mahidol University. We are exploring research areas of mutual benefit that align with the strategic aims of both universities. We are creating a collaborative partnership of exchange and sharing of expertise and skills through a variety of strategic pathways. This includes but is not limited to co-investigation on research projects, co-supervision of higher degree students, and student and cultural exchange opportunities for students and academic staff.

The School has used a targeted approach to enhance these partnerships. Academic researchers with specialty skills and research expertise relevant to each partner's interest have been linked with Mahidol academics with corresponding expertise. These research academics have significant research track records, research skills and clinical expertise in Non-communicable diseases; Ageing and Long-term care; Self-management of chronic ill patients; Mental health promotion and psychiatric problems; Health promotion and risk reduction; Women's health, Child development; Emergency nursing and simulation teaching.



Professor Margaret Fry

Professor Emergency and Critical Care Conjoint Clinical Chair Northern Sydney Local Health District

I am currently Professor of Nursing Emergency and Critical Care. The conjoint chair position is with UTS and Northern Sydney Local Health District. The focus of my applied research is on improving the quality and safety of nursing care and patient outcomes. My program of research has advanced knowledge and practice in emergency care, pain management, advanced nursing practice, workforce development, extended practice roles, health service reform, and models of care bringing significant Australian health reform. The nexus of these areas has led to significant change on emergency nursing practice and policy. I have developed and implemented innovative models of care that have been translated across Australia and through the nexus of academic and clinical roles I have achieved clinically-relevant evidenced informed emergency care.

My conjoint position has enabled me to transform workplace culture and build capacity and attributes that support learning environments, and quality health outcomes and bridge the research-teaching-practice nexus. I have driven innovative research that has been acclaimed throughout Australia, changed emergency practice and been selected for NSW Health Awards. I lead and translate research that drives transformational change in the way that emergency care is delivered.

“Education in itself is already world-changing; but to educate future nurses and midwives who will undoubtedly change the future of healthcare is rewarding beyond measure.”





UTS WHO Collaborating Centre for Nursing and Midwifery



*UTS WHOCC Director,
Professor Michele Rumsey*

The WHO Collaborating Centre for Nursing, Midwifery and Health Development forms part of an international collaborative network that supports and undertakes projects in support of the World Health Organization's program at national, regional, and international levels.

Our centre emerged in 2004 when chief nurses from the Asia-Pacific region gathered to discuss how UTS could support nurses during the SARS Outbreak by becoming a collaborating centre. Our centre was successfully awarded WHO CC Status in 2008, and redesignated in 2012, 2016 and 2020. We have been working in the Pacific for over 20 years, collaborating with over 22 countries in this time. Our centre is the only one in Australia covering our technical expertise.

2022 Highlights

Launch of Global Network drives WHO vision for Health for All

Health representatives from across the Western Pacific region gathered at UTS in November 2022 to celebrate the official Launch of their elected role to the Global Network for World Health Organization Collaborating Centres in Nursing and Midwifery (GNWHOCNM): 2022-2026.

With great honour, UTS was named the Secretariat for the GNWHOCNM and will serve a four-year term to drive engagement and collaboration across the Western Pacific and Global Network to improve health of individuals and diverse communities locally and globally through leadership and excellence in nursing education, research, practice, and service.

Director of the UTS WHO Nursing and Midwifery and Health Development Collaborating Centre, Professor Michele Rumsey, says the appointment reinforces UTS's long history connecting leaders across public health, nursing, and midwifery to achieve the World Health Organization's vision of Health for All.

"COVID-19 and new and emerging epidemics such as monkeypox, as well as the ongoing impacts of climate change on our Pacific Island Countries, continues to highlight the immense importance of our nurses and midwives, as well as the urgent need for increased investment in primary healthcare, climate health impacts and pandemic preparedness across our region," Professor Rumsey said.

"Through our advocacy and evidence-based policy activities, our goal is to develop and strengthen health workforce capacity, regulation and education to achieve better health outcomes in the Western Pacific region.

"As Secretariat for the Global Network that has been running since 1988, our mission is to enhance the partnerships and activities of the 44 WHO Nursing and Midwifery Collaborating

Centres across six WHO regions through proactive and ongoing communication, engagement and collaboration.”

Professor Rumsey said there were several projects currently underway at the WHO CC UTS that are being conducted in partnership with nurses and midwives across the Pacific region, including Pacific leadership programs and health workforce quality improvement programs, as well as a significant health strengthening education program with Papua New Guinea’s National Department of Health, funded by the Australian Government.

“We are conducting a revision of curriculums and upskilling of educators for the 35 nursing and Community Health Worker institutes in Papua New Guinea,” Professor Rumsey said.

“This project is focusing on strengthening the quality of nursing and community health worker education because, despite the increase in the number of graduates coming out from the nursing and Community Health Worker schools since 2012, there has been limited support for educators or the opportunity to revise the curriculum.

“This is a critical workforce as they are on the frontline of all areas of health care in the country – in remote, rural and urban centres – and they make up 72 percent of the national regulated workforce.”

The new curriculums are being developed with an evidence-based approach linked to the National Health Plan 2021-2030 to address the health needs of the country and will go through an extensive accreditation process for delivery in 2024.

Across the global network, the Nursing and Midwifery Collaborating Centres are delivering a number of different research projects to address global health trends and further the WHO health agenda.

“Through knowledge sharing and capacity building across the network we are honoured to contribute to key health and development priorities and work towards achieving WHO’s vision of health for all.”

Celebrating UTS elected Secretariat for the GNWHOCNM





UTS WHO Collaborating Centre for Nursing and Midwifery

Strengthening health workforce education in Papua New Guinea

Ensuring the quality of the professional health workforce is a critical component of any plan that is designed to improve healthcare quality. In PNG, improving the capacity and capability of nurses and community health workers (CHW) is of particular importance. Comprising 72% of the country's professional health workforce (WHO 2020), nurses and CHWs are integral to PNG's key health priority and health security response efforts, especially in rural and remote contexts.

The existing curricula for these health workers, however, are no longer fit-for-purpose. Developed in the late 1990s and finalised in 2002, they are not currently in line with the National Department of Health (NDoH) National Health Plan 2021-2030, nor with current educational and clinical best practice.

To best support PNG's health workforce in meeting the country's current and future health needs, WHOCC UTS has been working in close partnership with the NDoH, CHW and Nursing Institutes, and other key national and regional stakeholders to review, develop, and implement up-to-date and evidence-based curricula for Nurses and CHWs. The program has been funded by the World Health Organisation (WHO) and the Australian Government's Department of Foreign Affairs and Trade (DFAT).

2022 was a year of significant milestones for the program. Building WHO CC UTS' Gap Analysis and the NDOH's Baseline Survey which assessed the effectiveness of the current curricula, two significant curricula review workshops were held.

The purpose of these workshops was:

- To facilitate meaningful collaboration amongst, ensure input from, and build the capacity of key stakeholders involved in the project.
- To evaluate existing teaching and learning processes and consider up-to-date, evidence-based amendments which would best support students and graduates.
- To ensure that the proposed revisions were assessed, integrated, and ratified in a timely, effective, and efficient manner.
- To forward plan for curricula accreditation, implementation, and delivery; educator capacity-building; and other associated program deliverables.

The first workshop, held in Port Moresby between 22-27 May 2022 and coordinated by facilitators from WHO CC UTS and the NDoH, was recognised as an extremely important event: it marked the first time that nursing and CHW institutes, educators, regulators, health policy advisors and clinicians had come together to discuss the curricula review and development program. Participants were guided through a series of interactive seminars on reviewing, designing, and writing up subjects and assessments; on teaching and learning processes; on identifying clinical skills for inclusion in the revised curricula, and on identifying ongoing professional development needs.

A second workshop was held later in the year in East Boroko, NCD. The purpose of this workshop was to agree on the final drafts of the two curricula. It involved several interactive seminars, discussions, and presentations on developing effective curricula, subject writing, assessment, evaluating clinical competency, and more.

Building on the successes of the two workshops, the final drafts of the curricula have been developed. They are being circulated for feedback by the principles of PNG's nursing and CHW institutes and the National Steering Committee. Once approved, they will be submitted for accreditation and review by PNG's key regulatory bodies in early 2023 and prepared for implementation.

For more information on the National Curriculums Revision and Implementation Program, please visit uts.edu.au/research/who-collaborating-centre/what-we-do/3.-education/strengthening-health-workforce-education-png



Connect with us

UTS Nursing and Midwifery
Faculty of Health
University of Technology Sydney

PO Box 123 Broadway NSW 2007 Australia
Building 10 235 Jones Street Ultimo NSW 2007 Australia

sonm@uts.edu.au
uts.edu.au/about/faculty-health/school-nursing-and-midwifery



utsSoNM

DISCLAIMER: The information in this brochure is correct as at July 2023. Changes in circumstances after this date might alter the accuracy or currency of the information. UTS reserves the right to alter any content described in this brochure without notice. Readers are responsible for verifying information that pertains to them by contacting the university.

Images: Toby Burrows, Kwa Nguyen, Andy Roberts, Anna Zhu, Unsplash.

40258 July 2023