



THE UNIVERSITY
OF QUEENSLAND
AUSTRALIA

CREATE CHANGE

Faculty of Medicine Research Expo **2019**



Professor Lyn Griffiths

Professor Lyn Griffiths is Executive Director of the Institute of Health and Biomedical Innovation (IHBI), QUT's health and medical research institute. As the head of IHBI, Professor Griffiths leads a significant research team and sees it as her mission to inspire the next generation of Australian researchers to make the most of funding opportunities to improve human health.

An active and respected molecular geneticist with more than 28 years' experience, Professor Griffiths has brought business acumen to medical research to increase IHBI's influence and its impact on human health. She is a passionate advocate for translational research and believes it's time for Australia to capitalise on its reputation for world-class biomedical research by unlocking its enormous commercial potential. In relation to this, she currently is Director of the nationwide and industry supported Bridge and BridgeTech programs, which provide commercialisation training for the pharmaceutical and medical devices industries, respectively.

Professor Griffiths' own genetics research has led to diagnostic breakthroughs for several neurogenetic disorders, including familial migraine, ataxia, epilepsy and hereditary stroke. Her research has identified potential therapeutic targets and she has been involved in clinical trials for migraine, MS and Alzheimer's disease. Her research has appeared in more than 350 peer-reviewed international journals, including Nature, the American Journal of Human Genetics, and Nature Neurology.



Professor David Whiteman

Professor David Whiteman is a medical epidemiologist with a special interest in the causes, control and prevention of cancer. He received his medical degree from the University of Queensland in 1991, and his PhD in cancer epidemiology in 1997. Professor Whiteman has an international reputation for research into melanoma and skin cancer, and the public health aspects of cancer control. He is Principal Investigator of QSKIN, a large prospective cohort study which has gathered clinical, phenotypic and genetic data on more than 45,000 people to unravel the causes of skin cancer. In addition to his research activities, he is Deputy Director of QIMR Berghofer, a Fellow of the Australian Academy of Health and Medical Sciences, a Fellow of the Australasian Faculty of Public Health Medicine, and Honorary Fellow of the Skin Cancer College of Australasia. In 2019, he was made a Member of the Order of Australia for his services to cancer epidemiology.



Associate Professor Maree Toombs

Associate Professor Maree Toombs is a proud Kamilaroi/Kooma woman from north-western New South Wales and is the Director of Indigenous Health (Teaching & Research) at the Rural Clinical School in the Faculty of Medicine and a Children's Hospital Foundation Early Career Fellow.

Maree is recognized nationally and internationally for her work in Indigenous health perspectives in medicine and her research efforts devoted to improving mental health and wellbeing for Indigenous Australians, in particular managing chronic physical illness and mental health including suicide intervention. She is the lead CI on three NHMRC grants, and a CI on a further 6 NHMRC and other organisation grants, collectively equating to over \$15m. Maree has received a number of prestigious awards in recognition of her research excellence, including an NHMRC Early Career Fellowship, a Children's Hospital Foundation Scholarship (current), Outstanding Alumni of the year and Outstanding Indigenous engagement Alumni of the year (2015 University of Southern Queensland) and a Churchill Fellowship (2014). She is the co-author of 'Indigenous Australians and Health' published by Oxford Press.



Maree will be taking up a new position in the Faculty of Medicine as the Associate Dean (Indigenous and Engagement) in November. She will work in close partnership with the Pro-Vice-Chancellor (Indigenous Engagement) and the Executive Dean to develop and implement an Indigenous Health Strategy for the Faculty of Medicine, aligned to the principles and objectives of the UQ Strategic and Reconciliation Action Plans.

2019 Faculty of Medicine Research Expo

10 October 2019 | 11am - 4.30pm | TRI Auditorium

Program

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| Welcome and Keynotes | |
| Professor Geoff McColl | Acknowledgement of country and welcome by Executive Dean |
| Professor Elizabeth Eakin | Open by Associate Dean (Research) |
| Professor Lyn Griffiths Executive Director, Institute of Health Biomedical Innovation, QUT | Keynote address |
| Professor David Whiteman Deputy Director, QIMR | Keynote address |
| Associate Professor Maree Toombs Director of Indigenous Health (Teaching & Research), Rural Clinical School, UQ Faculty of Medicine | Keynote address |
| Ochsner Clinical School (OSC) | |
| Associate Professor Leonardo Seoane Chief Academic Officer and Senior Vice President Ochsner Health System | Overview of Ochsner Research Partnerships |
| Professor Ronald Amedee Head of Ochsner Clinical School | Teaching Excellence Awards (TEA) recipients |
| School of Biomedical Sciences (SBMS) | |
| Associate Professor Trent Woodruff Head of Neuroinflammation Lab | Overview of SBMS and its research |
| Dr Oliver Rawashdeh , ECR | Tick Tock, Tick Tock listen to the body's clock |
| Dr Kylie Tucker , MCR | Movement control in health and disease |
| HaBS-MED Collaborative Grant Recipient 1 | |
| Dr Felicity Han | Biodegradable "micro pump" containing analgesics to produce long-acting pain relief towards clinical use |
| School of Public Health (SPH) | |
| Associate Professor Genevieve Healy SPH Research Committee Chair | Overview of SPH and its research |
| Dr Katherine Cullerton , ECR | Facts don't change minds, feelings do |
| Dr Ingrid Rowlands , MCR | The invisible one in nine: Endometriosis in Australian women |
| HaBS-MED Collaborative Grant Recipient 2 | |
| Dr Sherry Wu | Understanding the role of calcium signalling in exosome secretion in cancer |
| UQ Diamantina Institute (UQDI) | |
| Professor Paul Clarke Director | Overview of UQDI and its research |
| Dr Aideen McInerney-Leo , ECR | Translating genetics into clinical practice |
| Dr Emma Hamilton-Williams , MCR | Type 1 diabetes: controlling the autoimmune T cell response |

Child Health Research Centre (CHRC)

Professor Karen Moritz
Director

Overview of CHRC and its research

Dr Kartik Iyer
ECR

Children in limbo: the effect of persistent concussion symptoms on young brains

Dr Leanne Sakzewski
MCR

Improving social competency of teenagers with brain injuries

Lunch
1.10 - 1.40pm

Centre for Health Services Research (CHSR)

Professor Len Gray
Director

Overview of CHSR and its research

Dr Ronald Dendere, ECR

Patient portals: your health care at your fingertips... anytime, anywhere!

Dr Melinda Martin-Khan, MCR

Quality of Care research- from development to translation

MNHHS Clinical Research Fellow

Associate Professor Andrew Mallett

Transforming Kidney Health in the Genomic Age

Rural Clinical School (RCS)

Professor Sarah Strasser
Head of School

Overview of RCS and its research

Dr Bushra Nair, ECR

Facing the challenges, designing the solutions – building evidence of what works

Dr Remo Ostini, MCR

The health literacy - health equity relationship: as portrayed in health research

Mater Research Institute - UQ (MRI-UQ)

Associate Professor Allison Pettit
Director of Biomedical Research

Overview of MRI-UQ and its research

Dr Christine Andrews, ECR

Safer Baby Bundle; working together to reduce stillbirth

Dr Patricia Carreira, MCR

Exploring the role of jumping genes in cancer

UQ Centre for Clinical Research (UQCCR)

Professor Michael O'Sullivan

Overview of UQCCR and its research

Ms Amanda Bordin, ECR

Rapid microbial diagnostics at UQCCR

Dr Amy McCart Reed, MCR

Molecular breast pathology at UQCCR

School of Clinical Medicine

Professor Paul Colditz
Head of School

Overview of SoCM and its research

Dr Katrina Ki, ECR

Too much of a good thing? Understanding the adverse effect of high-dose oxygen management using an ex vivo ECMO model

Dr Simon Apte, MCR

Tackling the silicosis epidemic

Dr Nicola Warren, ECR

A brain on fire: how to identify and extinguish

Associate Professor Dan Siskind, MCR

Reducing the burden of cardio-metabolic disease among people with schizophrenia

People's Choice Voting for best ECR and MCR, and presentation of awards

Refreshments and networking
3.30 - 4.30pm

UQ Faculty of Medicine

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