

Faculty of Medicine

# HDR Symposium Week

23–27 November 2020



## Overview of the week

Mon 23 Nov	Wed 25 Nov	Thurs 26 Nov	Fri 27 Nov
<b>9.00-11.00am</b>	<b>9.30-11.30am</b>	<b>9.00-11.00am</b>	<b>9.00-11.00am</b>
<b>Career-building post-PhD</b>  Workshop with Dr Chris Cornthwaite	<b>UQ venture's pop up workshop: Pitching and storytelling</b>  Workshop with Cayetana Martinez	<b>Create your Story: a Critical Thinking Masterclass</b>  Workshop with Associate Professor Marina Reeves and Dr Kevan Walter Jones	<b>Stats three ways</b>  Workshop with Associate Professor Jason Ferris, Dr Elizabeth Ryan, and Associate Professor Mark D. Chatfield
<b>12.00-1.30pm</b>	<b>12.00-1.30pm</b>	<b>12.00-1.30pm</b>	<b>12.00-1.30pm</b>
<b>Student presentations with Keynote speaker</b>  Professor David Paterson	<b>Student presentations with Keynote speaker</b>  Professor Karen Moritz	<b>Student presentations with Keynote speaker</b>  Professor Harvey Whiteford	<b>Student presentations with Keynote speaker</b>  Professor David Evans
<b>2.00-4.00pm</b>	<b>2.00-4.00pm</b>	<b>2.00-4.00pm</b>	<b>2.00-4.00pm</b>
<b>Three S's of Resilience</b>  Workshop with Dr Bronwyn Robson	<b>Talking the talk</b>  Workshop with Dr Bronwyn Robson	<b>Careers post-PhD</b>  Panel Session with five post-PhD guests	<b>Zoom ahead: Differentiate through Excellence in Communication</b>  Workshop with Barry O'Sullivan





# Faculty of Medicine HDR Symposium Week

Day 1 - Monday 23 November 2020

9.00-11.00am

Career-building post-PhD

Dr Chris Cornthwaite



So, you need to build a career with your degree? It would be really nice if it was a great career, that pays well and that you also happen to love! But where do you start? In this session, Chris Cornthwaite, founder of Roostervane.com, will talk about the two first steps to building an awesome career with any degree: Career Mindset and Networking.

12.00-1.30pm

Student presentations with keynote speaker



Keynote presentation by Professor David Paterson

Lessons learned from a career in infectious diseases research

## Student presentations and Q&A session

SBMS

Conor Bloxham

Correlating functional studies of human bitter taste receptors (T2Rs) in humans and mice

SPH

Idin Panahi

Barriers and facilitators to receiving HCV care in the community for individuals recently released from correctional facilities

UQDI

Geng Wang

Mendelian randomization study of the relationship between maternal blood pressure and offspring cardio-metabolic risk

UQCCR

Soumyalekshmi Nair

Exosomes carry specific set of miRNAs associated with insulin sensitivity in Gestational Diabetes Mellitus (GDM)

QIMR

Alda Saldan

Friend or foe? Investigating how cytomegalovirus infection impacts on anti-leukaemic immune responses

MRI-UQ

Michelle Ferrari Cestari

Macrophage colony stimulating factor (CSF1) prevents the development and reverses the progression of non-alcoholic fatty liver disease (NAFLD)

CHRC

Daly Geagea

Hypnotherapy for Procedural Pain, Itch and State Anxiety in Children with Acute Burns: A Feasibility and acceptability Study Protocol

CHSR

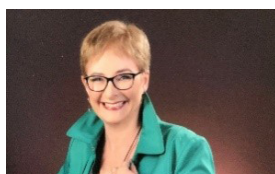
Leila Shafiee Hanjani

Optimising prescribing in older people with dementia

2.00-4.00pm

Three S's of Resilience

Dr Bronwyn Robson



This workshop will help students with strategies to improve their resilience, so they are better able to manage the stresses and strains that they encounter, both during their studies and in their future professional life.

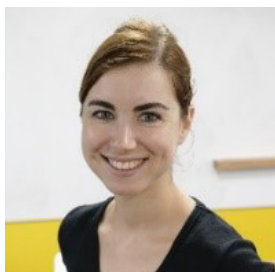
# Faculty of Medicine HDR Symposium Week

Day 2 - Wednesday 25 November 2020

9.30-11.30am

**UQ venture's pop up workshop: Pitching and storytelling**

Cayetana Martinez



Compelling communication is a key skill for the future of work. Whether we are pitching a business idea, presenting a project to our colleagues, or talking to customers, we need to be able to interest, convince and influence with our words.

In this workshop your students will:

- Understand the fundamentals of narrative patterns and tools
- Learn how to communicate their message in a simple and concise way
- Learn how to build a compelling story and how to persuade their audience

Practice and master the art of storytelling

12.00-1.30pm

**Student presentations with keynote speaker**



Keynote presentation by Professor Karen Moritz

From mice to mothers: using basic science to change clinical practice for children exposed prenatally to alcohol

## Student presentations and Q&A session

SBMS

Emily Willis

Repopulating microglia promote brain repair in an IL-6-dependent manner

SPH

Karen Tuesley

Bisphosphonate use and risk of ovarian cancer, a nested case-control study using national health data

UQDI

Clare Primiero

Deciphering the utility and consequences of genetic testing in a familial melanoma cohort

UQCCR

Dana Pourzinal

Therapy to Reduce dementia risk In Parkinson's disease (TRIP): Proof-of-concept protocol

QIMR

Aimee Davison

Hereditary Cancer Whole Genome Sequencing Project to Identify Pathogenic Germline Variants

MRI-UQ

Lena Batoon

Treatment with CSF1-Fc molecule improves fracture repair of normal and osteoporotic bones

CHRC

Swetha Philip

Cerebral Cortical Visual - an unnoticed (dis)ability

RB CU

Arti Raghubar

Spatial Transcriptomics (ST): Integrating molecular profiles with histomorphology in mammalian kidney tissue sections

2.00-4.00pm

**Talking the talk**

Dr Bronwyn Robson



In this workshop, you will learn about the wellness issues faced by tertiary students, develop a better understanding of stress and anxiety as well as techniques to manage both, and how to support someone who is experiencing poor mental health or a mental health crisis.

# Faculty of Medicine HDR Symposium Week

Day 3 - Thursday 26 November 2020

9.00-11.00am

## Create your Story: a Critical Thinking Masterclass

Associate Professor Marina Reeves and Dr Kevan Walter Jones



Have you ever been given feedback that your writing is too descriptive? You need to be more critical? This workshop will help to develop your skills in critical thinking and critical writing in the context of research. Critical thinking is a fundamental skill and key graduate attribute but is rarely explicitly taught. Focusing on HDR research, this workshop will expand your understanding of critical thinking when critiquing literature and rationalising your research gap and will give you tips and strategies for developing your arguments and for creating the 'story' in your thesis. This session is suitable for all HDR students, from pre-confirmation to thesis review.

12.00-1.30pm

## Student presentations with keynote speaker



Keynote presentation by Professor Harvey Whiteford

How to win friends and influence policy

## Student presentations and Q&A session

SBMS

Jacinta Conroy

Mechanisms of p75 and TrkA Neurotrophin Receptor Signalling

SPH

Md Arifuzzaman Khan

A low-cost regional initiative can significantly boost the referrals and use of smoking cessation interventions: findings from the "10,000 Lives" program evaluation study

UQDI

James Dight

Interleukin 6 signalling in endovascular progenitors is a driver of melanoma vascularisation and metastasis

UQCCR

Gene Chai

Precision Dosing Programs: Improving Antimicrobial Dosing in the Intensive Care Unit

QIMR

Greg Kelly

Epigenetic reactivation of LC3B induces melanoma cell death and predict response to checkpoint inhibitor blockade

MRI-UQ

Pia Bradshaw

Caring for autistic adults in general practice settings

CHRC

Kathleen Lynch

Eliminating trachoma in Queensland

PCH-Northside CU

Hannah O'Farrell

Investigating extracellular vesicles diagnostic, prognostic and therapeutic potential in COPD and Lung Cancer

2.00-4.00pm

## Panel Session: Careers post-PhD

Dr Alexandra Depelsenaire  
Dr Celia Webby  
Dr David Armstrong  
Dr Jodi Clyde-Smith  
Dr Matt Wenham

Join our five panel members from a range of careers post-PhD and discover what options are out there for you.



# Faculty of Medicine HDR Symposium Week

Day 4 - Friday 27 November 2020

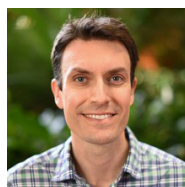
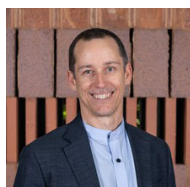
9.00-11.00am

## Stats three ways

Associate Professor Jason Ferris, Dr Elizabeth Ryan and Associate Professor Mark D. Chatfield

This multipart session is designed to hone your statistical skills in three key ways :

- Making the most of continuous data and how to appropriately model it with categorical data.
- Bayesian versus frequentist statistics – What's the difference?
- Statistical tests, P values, confidence intervals, and power/sample size



12.00-1.30pm

## Student presentations with keynote speaker



Keynote presentation by Professor David Evans

Using Genetics to Investigate the Developmental Origins of Health and Disease

## Student presentations and Q&A session

SBMS

Nykola Kent

Exploring the mechanistic link between hypothyroidism in pregnancy and gestational diabetes mellitus

SPH

Angela Willemsen

Infection Control in Small Animal Veterinary Practices

UQDI

Pascale Wehr

Mapping oligoclonally expanded T cells within the peripheral and synovial immune landscape of untreated ACPA+ rheumatoid arthritis patients at the single cell level

UQCCR

Lebo Mhango

Back to the future: Individualising treatment of gonorrhoea

QIMR

Megan Soon

How do immune cells form memory in malaria?

MRI-UQ

Jessica Turner

Neurodevelopmental outcomes in infants following intrapartum maternal oral sildenafil citrate treatment

CHRC

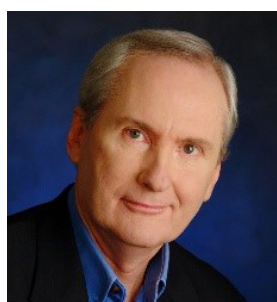
Zufishan Alam

Cervical cancer screening knowledge and behaviours among South Asian immigrant women in Australia

2.00-4.00pm

## Zoom ahead: Differentiate through Excellence in Communication

Barry O'Sullivan



The ability to make an impact when presenting is no longer an optional skill for talented individuals aspiring to lead – research, projects, people. The need to inform with clarity, to motivate, and to inspire action permeates every aspect of the 21st Century world. Whether you are presenting a business case for research funding, interviewing for a promotion, speaking to an industry or community association, or delivering a keynote address at a conference, presenting with confidence and impact is a core skill and will differentiate you both personally and professionally.

This Zoom workshop has been developed to help you discover some of the secrets to great communication and whet your appetite for working to constantly improve your presentations, especially online.