

RESEARCH WEEK 2018

Program

November 19-22

Conference Room A, Ground floor,
Royal Women's Hospital



the women's
the royal women's hospital
victoria australia

MONDAY 19 NOVEMBER 2018

Research Week Opening

12.00-12.30pm, Conference Room A	
Chair	Dr Sue Matthews
	Prof Cheryl Jones , CEO, MACH. <i>Opening address: The role of MACH and other Academic Health Centres in driving research translation</i>

Keynote Speaker

12.30 – 1.30pm, Conference Room A	
Chair	Dr Yasmin Jayasinghe
	Prof Susan Walker , Director of Perinatal Medicine, Mercy Hospital <i>'No one can whistle a symphony': the value of collaboration in research</i>

Poster Viewing

1.30 – 2.00pm, Conference Room Foyer	
	Poster viewing
	Lunch (Sandwiches and beverages provided)

Women's Experts Speak: Session 1

2.00 – 3.20pm, Conference Room A	
Chair	Dr Jennifer Dawson
2.00 – 2.20	Prof Kelsey Hegarty , Family Violence Prevention <i>What enables sustainable screening for family violence in antenatal care?</i>
2.20 – 2.40	A/Prof Lesley Stafford , Mental Health <i>Enhancing Parenting in Cancer (EPIC): Development and evaluation of a novel intervention to support parents with cancer who have young children.</i>
2.40 – 3.00	Prof Suzanne Garland , Centre for Women's Infectious Diseases <i>Generating epidemiological, economic and attitudinal evidence to inform policy-making about HPV vaccine introduction in India and Ethiopia.</i>
3.00 – 3.20	A/Prof Jeanie Cheong , Newborn Research (Preterm follow-up) <i>Changing long-term outcomes of extremely preterm infants in Victoria</i>



TUESDAY 20 NOVEMBER 2018

Workshop

9.30-11.30 , Conference Room A	
Chair	Dr Michelle Peate
9.30-10.30	Dr Shane Huntington , Deputy Director: Strategy and Partnership, MDHS, Uni Melb; & MACH <i>The Architecture of Research Communication – What Nobody Taught You</i>
10.30-11.30	Dr Rebecca Szabo , Obstetrician/Gynaecologist & Medical Educator RWH & Senior Lecturer University of Melbourne <i>Social media for medicine and academia</i>

Poster Viewing

12.00 – 12.30pm , Conference Room Foyer	
	Poster viewing
	Lunch (Sandwiches and beverages provided)

Student Symposium: Session 1

12.30-1.45pm , Conference Room A	
Chair	Dr Sarah Holdsworth-Carson
12.30 – 12.45	Larissa Ratten (PhD, Infectious Diseases) <i>Does the “the pill” impact vaginal health?</i>
12.45 – 1.00	Pamela McCalman (Masters, Midwifery) <i>“What does our mob think?” Baggarrook Yurrongi, Nurragh Manma Buliana. Improving care for mothers and babies through continuity of midwife care.</i>
1.00 – 1.15	Elizabeth Baker (PhD, Newborn) <i>Renewal: Reducing Neonatal Lung Disease with Amnion Cells</i>
1.15 – 1.30	Chelsea Perera (Hons, Pregnancy) <i>The Expression and Role of Endoglin in Decidual Mesenchymal Stem Cells</i>
1.30 – 1.45	Molly Churchill (Hons, Gynaecology) <i>High-throughput screening of drugs for repurposing as endometriosis therapeutics</i>

Student symposium: Session 2

2.00-3.15pm , Conference Room A	
Chair	Dr Gerald Murray
2.00 – 2.15	Amanda Kwong (PhD, Newborn) <i>The Baby Moves smartphone app for General Movements Assessment: Engagement amongst extremely preterm and term-born infants in a state-wide geographic study</i>
2.15 – 2.30	Michael Yang (PhD, Pregnancy) <i>The Matrix: Building More Bioactive Extracellular Matrices via Tuning of Substrate Stiffness</i>
2.30 – 2.45	Jessica Maxwell (Masters, CASA House) <i>Shut up and Get on With It: International Students' Experiences of Sexual Assault in a Neoliberal and Postcolonial Australia</i>



2.45 – 3.00	Anna Dan Li (Hons, Gynaecology) <i>MenstrualNeeds: Exploring the unmet needs of adolescent girls with heavy menstrual bleeding and/or pain</i>
3.00 – 3.15	Prisha Balgovind (Hons, Infectious Diseases) <i>Human papillomavirus prevalence in young Australian men aged 18-35 years</i>

Student symposium: Session 3

3.30-4.45pm, Conference Room A	
Chair	Dr Harry Georgiou
3.30 – 3.45	Amelia Lee (Dietitian, Allied Health) Not eligible for student prize <i>Pregnant women falling short of dietary recommendations</i>
3.45 – 4.00	Carissa Kuswanto (PhD, Mental Health) <i>Psychological distress, role and identity in mothers following a cancer diagnosis: A mixed-method systematic review</i>
4.00 – 4.15	Kate Hodgson (PhD, Newborn) <i>Nasal high flow to support endotracheal intubation: a systematic review and proposed randomised controlled trial</i>
4.15 – 4.30	Ramin Khanabdali (PhD, Pregnancy) <i>Extracellular Vesicle Profile of Mesenchymal Stem/Stromal Cells derived from Early-Term and Late/Post-Term Human Placenta: A Proxy to Understand Placental Ageing</i>
4.30 – 4.45	Brayden Fraser (Masters, Gynaecology) <i>MALDI-FT-ICR-MS imaging to understand metabolic drivers of endometriosis</i>

WEDNESDAY 21 NOVEMBER 2018

Women's Experts Speak: Session 2

11.00 – 12.00pm, Conference Room A	
Chair	Dr Jacqui Donoghue
11.00 – 11.20	Prof Peter Rogers , Gynaecology Research <i>State of the Art: Genetics and Endometriosis</i>
11.20 – 11.40	Dr Trisha Prentice , Newborn Research <i>Moral distress in the NICU.</i>
11.40 – 12.00	Prof Della Forster , Midwifery and Maternity Services Research <i>Co-designing research with consumers and end users</i>

Poster Viewing

12.00 – 12.30pm, Conference Room Foyer	
	Poster viewing
	Lunch (Sandwiches and beverages provided)



Student Symposium: Session 4

12.30-1.30pm, Conference Room A	
Chair	Dr Jennifer Marino
12.30 – 12.45	Katherine Moore (MDRP, Pregnancy) <i>Trauma in pregnancy: a ten-year analysis of maternal and fetal outcomes</i>
12.45 – 1.00	Tahlia Sugrue (MDRP, Anaesthetics) <i>The Six Minute Walk Test in Pregnancy: Mid-Pregnancy Study</i>
1.00 – 1.15	Eliza Colgrave (PhD, Gynaecology) <i>Characterisation of Endometriotic Lesions</i>
1.15 – 1.30	Ying Zhi Gu (O&G Ultrasound Fellow) Not eligible for student prize <i>Hypoplastic nasal bone: a potential marker for facial dysmorphism associated with pathogenic copy number variants on microarray</i>

Keynote Speaker: Early Career Researchers

2.00– 3.00pm, Conference Room A	
Chair	Prof David Copolov AO , Chair, Board Research Committee, RWH
2.00 - 2.20	Dr Sarah Holdsworth-Carson (Research Fellow, Gynaecology) <i>Generation of immortalized human endometrial stromal cell lines with different endometriosis risk genotypes</i>
2.20 – 2.40	Dr Rose Boland (Research Fellow, Newborn) <i>Born before arrival, born too soon</i>
2.40 – 3.00	Dr Jacqueline Donoghue (Research Fellow, Gynaecology) <i>High-throughput compound screening to identify unexplored therapeutic opportunities for endometriosis</i>

Student Symposium: Session 5

3.30-4.45pm, Conference Room A	
Chair	Dr Dorothy Machalek
3.30 – 3.45	Robyn Mathews (Masters, Midwifery) <i>What factors contribute to how midwives feel about their work - and do years of experience make a difference? Findings from the 'EXPerT' study</i>
3.45 – 4.00	Shixuan Zheng (Hons, Pregnancy) <i>The Effect of Extracellular Vesicles on Damaged Endothelial Cells: Modelling Preeclampsia</i>
4.00 – 4.15	Emily Bellis (Hons, Gynaecology) <i>Menstrual Needs: What about parents? Exploring the unmet needs of parents of adolescent girls with heavy menstrual bleeding and menstrual pain</i>
4.15 – 4.30	Erica Plummer (PhD, Infectious Diseases) <i>Sexual behaviours impact the vaginal microbiota of women who have sex with women</i>
4.30 – 4.45	Tara FitzGerald (PhD, Newborn) <i>Strength, motor competence and physical activity in very preterm and term-born preschool age children</i>



THURSDAY 22 NOVEMBER 2018

Women's Experts Speak: Session 3

12.00 – 1.00pm, Conference Room A	
Chair	Prof Peter Rogers
12.00 – 12.20	Dr Bill Kalionis , Pregnancy Research <i>Stem Cells: From Bench to Delivery Room</i>
12.20 – 12.40	A Prof Alicia Dennis , Anaesthetics Research <i>A cardiovascular and respiratory research program in obstetric anaesthesia</i>
12.40 – 1.00	Dr Edward O'Mahony , for Allied Health Research <i>Ultrasound and MRI in the Antenatal Diagnosis of Syndromic Craniosynostosis</i>

Keynote Speaker

2.00 – 3.00pm, Conference Room A	
Chair	A/Prof Orla McNally
	Prof Clare Scott , Women's Cancer Research Centre, RWH. <i>Harnessing pre-clinical models to fast-track outcomes for women with gynecological cancers</i>

Award Presentations

3.00 – 3.30pm, Conference Room Foyer	
Chair	Prof David Copolov AO & Prof Peter Rogers
	Award Presentations <i>Student Awards (x2)</i> <i>Poster Awards (x2)</i> <i>Early Career Awards (x1)</i>
	Refreshments (Finger food and beverages provided)



Keynote Speakers

Prof Susan Walker (Director of Perinatal Medicine, Mercy Hospital)

'No one can whistle a symphony': the value of collaboration in research

Scientific knowledge is advancing with such rapidity that none of us can keep pace. Meaningful and impactful research cannot be achieved in 2018 without strong collaborative links between researchers in basic science, clinical care, epidemiology, clinical trials, translation and implementation science. None of us are as smart as all of us. The MACH Women's and Newborn Health Network provides an example of how and why patients need academic and clinical institutions to come together.

Fetal Growth Restriction (FGR) is one such field. FGR is the leading contributor to antenatal stillbirth, and is a significant contributor to adverse neonatal outcome and long-term health decrements. While improved antenatal detection of the growth restricted infant is key to improving outcomes, defining FGR in 2018 remains challenging. This talk will address clarifying the definition and improving the detection of pregnancies complicated by FGR. This includes the use of ultrasound biometry, functional parameters (Dopplers), biomarkers of placental insufficiency among infants both small for gestational age (<10th centile) and appropriate for gestational age (>10th centile), and postnatal indicators (body composition and growth trajectory) of FGR.

Prof Clare Scott (Professor of Gynaecological Cancer, Royal Women's Hospital)

Harnessing pre-clinical models to fast-track outcomes for women with gynecological cancers

Summary



Workshop speakers

Dr Shane Huntington, Deputy Director: Strategy and Partnership, MDHS, Uni Melb; & MACH

The Architecture of Research Communication – What Nobody Taught You

From an early age, we all learn the basic building blocks of mathematics and language and our skills in these areas are enhanced year after year. But communication skills, one of the core attributes of almost any job or interaction, are not taught even at university level. For researchers and clinicians these skills are of paramount importance. Sadly, the standard of communication from researchers is relatively poor and when it comes to the health of our community this can have terrible consequences. The current struggle to maintain immunization rates is a disturbing example. The idea that we will just 'learn these skills along the way' is woefully inadequate.

In this discussion, I will talk about the architecture of good communication – unpacking the most critical axioms of how to be an effective communicator. I will be providing a framework from which people can continually improve their communication skills and understand the nuances of this highly complex field. Importantly, we will also be discussing specific techniques for both seeking and providing effective feedback – a cornerstone of improving every form of communication that we do.

Dr Rebecca Szabo, Obstetrician/Gynaecologist & Medical Educator RWH & Senior Lecturer University of Melbourne

Social media for medicine and academia



Research posters

POSTER VIEWING

MONDAY 19 NOVEMBER - 1.30-2.00pm

TUESDAY 20 NOVEMBER - 12.00-12.30pm

WEDNESDAY 21 NOVEMBER -12.00-12.30pm

Research posters will be displayed in the Conference Room Foyer during Research week.

1	AT Dennis , A Francis, L Leeton <i>Assessment of exercise capacity and oxygen utilization, and the prediction of pre-eclampsia in women in early pregnancy using the Six Minute Walk Test</i>
2	MT Ferguson, S Jackson, AT Dennis <i>Perioperative anaemia in women undergoing caesarean section</i>
3	B Moore, S Simmons, AT Dennis <i>Contemporary informed consent in obstetric anaesthesia–what do women want to know?</i>
4	A. Cornall , M. Molano Luque, J. Roberts, F. Jin, D. Machalek, I. Poynten, R. Hillman, D. Templeton, P. Guzman, R. Turner, S. Simpson Jr, S. Tabrizi, A. Grulich, S. Garland, On behalf of the SPANC research team <i>Lesion-specific human papillomavirus genotype prevalence of baseline anal high-grade squamous intraepithelial lesions from the study of the prevention of anal cancer (SPANC)</i>
5	Cornall , J. Viti, M. Poljak, A. Oštrbenk, R. Bhatia, E. Alcaniz Boada, K. Cuschieri, S. Garland, L. Xu, M. Arbyn. <i>Validation of euroarray HPV test using the valgent framework</i>
6	Binaisha D'Souza , Elizabeth Baker <i>Clozapine withdrawal in the neonate</i>
7	Christina Coldebella <i>Vicarious Trauma and the Health Professional</i>
8	Gilmartin, Christine ; Daley, Andrew; Leung, Laura <i>The Hepatitis B Birth-dose Immunisation: Exploring Parental Reasoning Behind Refusal</i>
9	Oran Milman, Rita Wardan, Christine Gilmartin <i>Infant outcomes following maternal perindopril use in a concealed pregnancy – A case report</i>
10	Colleen Oliver <i>Nutritional practices and growth outcomes during hospitalisation in babies born <1500g or 32 weeks gestation</i>
11	Eliza M Colgrave , Sophie Bittinger, Leonie Cann, Janet R Keast, Jane E Girling and Sarah Holdsworth-Carson <i>Characterisation of Endometriotic Lesions</i>
12	Erica Plummer , Lenka Vodstrcil, Gerald Murray, Sepehr Tabrizi, Suzanne Garland, Christopher Fairley, Agnes Tan, Matthew Law, Jane Hocking, Dieter Bulach, Gayle Philip, Catriona Bradshaw <i>Sexual behaviours impact the vaginal microbiota of women who have sex with women</i>
13	Hannah Shilling , Dorothy A Machalek, Steph Atchison, Prisha Balgovind, Alyssa M Cornall, Suzanne Garland <i>Prevalence and risk factors for genital HPV in young Australian men in the HPV in young males (HYM) study</i>



14	Jennifer Danielewski , Samuel Phillips, Fabian Y. S. Kong, Kirsty S. Smith, Jane S. Hocking, Rebecca Guy, Christopher K. Fairley, Suzanne M. Garland, Sepehr N. Tabrizi <i>A snapshot of Chlamydia trachomatis genetic diversity using MLST in metropolitan Australia</i>
15	Eric Chow, Jennifer Danielewski , Gerald Murray, Glenda Fehler, Marcus Chen, Catriona Bradshaw, Suzanne Garland, Christopher Fairley <i>High prevalence of anal high-risk human papillomavirus infections among 20-26 year old unvaccinated men who have sex with men presenting for a targeted vaccination programme</i>
16	Persaud A, Hodgson K , Bailey J, Owen LS <i>The Neonatal 'Golden Hour': an audit of practice in infants below 30 weeks' gestational age</i>
17	Hodgson K , Martin S, Jacobs S, Daley A <i>Neonatal Enterovirus Infection: Presentation, Complications and Guideline Development</i>
18	Ratten LK , Bradshaw CS, Plummer EL, Fairley CK, Murray GL, Garland SM, Danielewski JA, Chow EPF, Vodstrcil LA <i>Does the "the pill" impact vaginal health?</i>
19	Louie Ye , Rosemary McBain, Orla McNally <i>When to monitor for recurrence of adult Granulosa cell tumour: A single institute retrospective study of 73 cases.</i>
20	Louie Ye , Rosemary McBain, Orla McNally <i>Timely management of suspected Endometrial Cancer: A Retrospective analysis comparing care against an Optimal Care Pathway.</i>
21	Monica Molano Luque , A. Cornall, K. Cassells, D. Machalek, J. Roberts, D. Templeton, F. Jin, M. Poynten, R. Hillman, C. Law, P. Guzman, R. Turner, S. Simpson, A. Grulich, S. Tabrizi, S. Garland, On behalf of the SPANC research team. <i>Increased CADM1 DNA methylation is associated with prevalent anal intraepithelial neoplasia grade 3+ in gay and bisexual men</i>
22	Orla McNally Risk-reducing salpingo-oophorectomy in women at increased risk of ovarian cancer by mutation or family history: patient characteristics and incidence of cancer.
23	Samantha Sloss , Jennifer Dawson, Lorraine McGrory, Anthony Rafferty, Louise Owen and Peter Davis <i>Retrospective Consent in Neonatal Research: a Survey of Parental Opinion</i>
24	Steph Atchison , Dorothy Machalek, Hannah Shilling, Prisha Balgovind, Alyssa Cornall, Suzanne Garland <i>Knowledge of HPV and the vaccine among young Australian men in the HYM study</i>
25	Tahlia Sugrue , Leeton L, Dennis AT <i>The Six Minute Walk Test in Pregnancy: Mid-Pregnancy Study</i>
26	Patrick Tan , Millay O, Leeton L, Dennis AT <i>High flow humidified nasal pre-oxygenation in pregnant women: a prospective observational study (ANZCTR: ACTRN 12616000531415p)</i>
27	Tessa Clegg , Raelia Lew, Michelle Peate and Karin Hammarberg <i>Degrees and Delayed Parenthood: Australian Female University Students' Awareness and Views on Elective Oocyte Cryopreservation</i>