

### Welcome to the 17<sup>th</sup> edition of the UNSW Paediatric Research Newsletter.

It has been a busy and exciting time for all those involved in the Academic Health Science Partnership (ASHP) Clinical Academic Streams applications. A number of expressions of interest were invited to submit a full proposal which were submitted on 19<sup>th</sup> September. I personally found the process fascinating and met a number of researchers and potential collaborators across Sydney. Members of our School were involved in all the successful expressions of interest. The next phase is a formal interview with results due to be announced on 17<sup>th</sup> October.

This year UNSW Paediatrics Research Week will be held from 14<sup>th</sup>-18<sup>th</sup> November 2016. Highlights include presentations from higher degree research students from the Discipline of Paediatrics and Children's Cancer Institute presenting over a three-day symposium at Sydney Children's Hospital and the Wallace Wurth Building at UNSW. A reminder that HDR student attendance is compulsory at the Symposium and it is expected that supervisors attend their student's presentation and remain for the entire session (sessions will be divided into streams). All academics, conjoiners, hospital colleagues, undergraduate students and the general public are also encouraged to attend the presentations. The programme for the week is included on page 11 (subject to change).

The SCHN Child Population Health Research Forum will be held on Thursday 6<sup>th</sup> October (9am-3pm) in the John Beveridge Lecture Theatre, SCH. This forum aims to bring together health professionals, researchers and planners interested in child population health, health service research, and implementation science to inform, share and collaborate. I encourage all of those interested in child population health to attend. More information including the programme can be found on page 14. To register, please contact [Vivian Isaac](#), Project Officer, Population Health Research SCHN.



I would like to introduce the newest member of the Discipline of Paediatrics team - Dr Shafagh Waters, Postdoctoral Research Fellow (Cystic Fibrosis). Shafagh comes from BABS, UNSW Science and is the lead Scientist for the Australasian Centre for Personalised Cystic Fibrosis Medicine here at Sydney Children's Hospital. A full profile on Shafagh can be found on Page 5.

I'd also like to thank Amy Boland, who has stepped in to assist the SCH Clinical Research Centre as we say a temporary goodbye to Nisha who has embarked on maternity leave for 12 months. Appointing a maternity leave replacement for Nisha is underway.

The Bright Alliance building progress is on track and a move in date into "The Centre for Child Health Research and Innovation (CHeRI)" is scheduled for mid-December. For more information and regular updates on the Bright Alliance Building, please visit the Randwick Precinct page on the [SCHN Intranet](#).

Enjoy this issue of the newsletter and please remember to send any news or suggestions to [Samantha McFedries](#) for inclusion in future editions.

Best wishes,



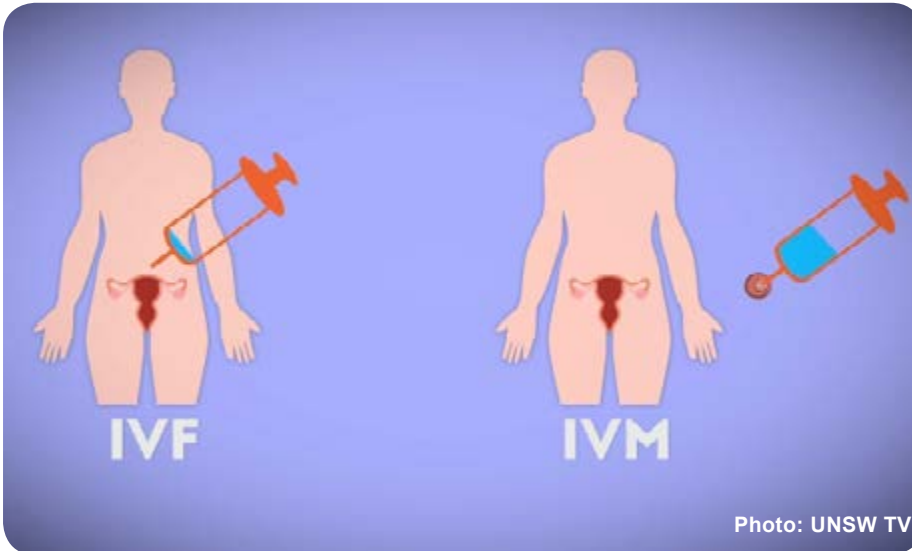
**Professor Adam Jaffe**

John Beveridge Professor of Paediatrics  
Head of Discipline of Paediatrics  
School of Women's & Children's Health

Associate Director of Research  
Sydney Children's Hospital Network  
(Randwick)

## POTENT NEW METHOD FOR IMPROVING DRUG-FREE FERTILITY TREATMENT

**Australian and Belgian medical scientists have discovered how to improve a woman's chances of becoming pregnant using a less invasive and cheaper alternative to IVF.**



For those facing infertility, IVF has long been the established option to have a baby. Now Australian and Belgian medical scientists have discovered how to improve a woman's chances of becoming pregnant using a less invasive and cheaper alternative.

The innovation, which has already undergone pre-clinical testing, uses growth factors to enhance an existing fertility treatment known as in-vitro maturation (IVM). The result is improved egg quality and a 50% increase in embryos, with the use of minimal drugs.

Medical scientists have discovered how to improve egg cell quality, using growth factors to enhance an existing fertility treatment known as in-vitro maturation (IVM).

The advance has significant implications for infertility treatment and fertility preservation worldwide.

While standard in-vitro fertilisation (IVF) requires women to take follicle-stimulating hormones (FSH) to stimulate egg cell (oocyte) growth before they are removed from the ovary, IVM retrieves eggs while they are still in the immature stage, and brings them to maturity in cell culture. This is achieved with minimal hormone stimulation. Until now, most clinicians have recommended IVF because pregnancy rates after IVM have been lower.

While the use of hormone drugs for conventional IVF is a proven fertility treatment, its use comes with significant discomfort for the patient and some medical complications. It is also expensive for patients and Australia's healthcare system.

An international research team, led by UNSW Associate Professor Robert Gilchrist, has enhanced the IVM process by adding a combination of a growth factor (cumulin) and cAMP-modulators (small signalling molecules) to the egg cells. Associate Professor Gilchrist's team recently discovered cumulin and his laboratory is one of only two in the world that make it.

"The aim of our research has been to restore, as far as possible, the natural processes that occur during egg maturation," said Associate Professor

Gilchrist, who is based at UNSW's School of Women's and Children's Health.

"We have demonstrated that it is possible to improve egg quality and embryo yield with next to no drugs, using potent growth factors produced by the egg."



The innovative technique, which is awaiting US Food and Drug Administration approval, has been 15 years in the making. It is the result of a long partnership between Associate Professor Gilchrist and the University of Adelaide (where he was based previously), UZ Brussel at Vrije Universiteit Brussel (VUB), Belgium, and medical device manufacturer Cook Medical.

In [published research](#), initial experiments using the technique in pigs showed an improvement in egg quality and a doubling of the embryo yield compared to the existing IVM method. In a pre-clinical trial on human eggs, conducted by Professor Johan Smits from VUB's Follicle Biology Laboratory in Brussels, the researchers found an improvement in egg quality and a 50% increase in embryo yield.

Associate Professor Jeremy Thompson, from the University of Adelaide's Robinson Research Institute, said the new technique was a significant advance in fertility research.

"While the enhanced IVM treatment is not currently available as a fertility treatment option, if it is accepted into clinical practice it will remove the need for a woman to inject herself with high doses of hormones for up to 12 days," Associate Professor Thompson said.

"Most importantly, it could give a woman almost the same chance of becoming pregnant as with hormone-stimulated IVF," Associate Professor Thompson said.

Professor Michel De Vos (UZ Brussel) said the use of IVM also reduces the risk of ovarian hyperstimulation syndrome (OHSS) to zero.

"Young women facing cancer treatment, who wish to preserve their fertility but often don't have time to freeze their eggs, will also benefit from this breakthrough," Professor De Vos said.

The researchers are currently conducting safety studies to ensure that altering the conditions of egg maturation using this enhanced IVM technique does not affect the long-term health of offspring.

The research was funded by the National Health and Medical Research Council of Australia, The Flemish Government Agencies Flanders Innovaion & Entrepreneurship (VLAIO) and Research Foundation-Flanders (FWO) and by research grants from Cook Medical. It will be presented today at the Annual Scientific Meeting of the Society for Reproductive Biology on the Gold Coast, Queensland.

- [Dan Wheelahan](#), UNSW Media Office

## PRESS ROOM (PAEDS)

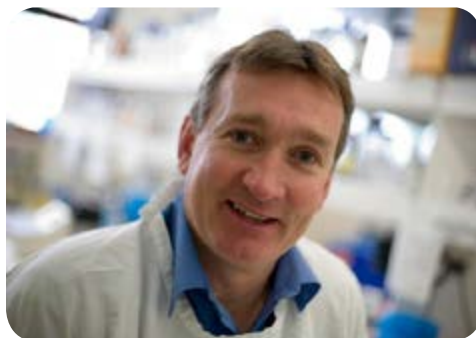
### JULY 2016

- [Epileptic children to get cannabis-based drug ahead of trials, NSW Premier says](#)  
New South Wales children with the worst cases of drug-resistant epilepsy will be the first children in Australia given access to a cannabis-based treatment. [Dr John Lawson](#) from the Sydney Children's Hospital in Randwick said it was unfortunate the drug was initially being limited to a small number of children. But he was optimistic the upcoming medicinal cannabis trials would increase the number of patients given access to treatment. "Hopefully we will have hundreds involved in the next 12 months [in the trials]," he said..  
- [ABC News July 5, 2016](#)
- [Do kids grow out of childhood asthma?](#)  
When a child is diagnosed with asthma, parents usually have a number of questions. How serious is asthma? Will the child grow out of it? How can it be treated? It can be difficult to get clear answers, as asthma affects different children in different ways.  
- [Dr Louisa Owens](#), Sydney Children's Hospital & University of Western Australia; and [Professor Adam Jaffe](#), Discipline of Paediatrics, UNSW Medicine.  
- [The Conversation July 18, 2016](#).
- [Fertility beyond cancer treatment sees push by doctors for more Medicare support](#)  
They say one-in-10 cancer patients can expect to face fertility issues after cancer treatment. Collecting reproductive tissue prior to treatment and freezing it is considered a valuable strategy and one of the only options for young patients, particularly for those yet to reach puberty, doctors say. Childhood cancer specialist [Dr Antoinette Anazodo](#) is the clinical leader

## CANCER INSTITUTE NSW RESEARCH EQUIPMENT GRANTS

**For the second year running UNSW researchers have come out on top in the 2016 Cancer Institute NSW Research Equipment Grants, winning a combined \$1.9 million in funding.**

UNSW Professor Richard Lock received \$1,000,000 to purchase the latest generation mass spectrometer. The machine will be used to investigate treatments for leukaemia, non-small cell lung cancer, brain cancer, neuroblastoma and pancreatic cancer.



“The Orbitrap Fusion Lumos mass spectrometer will create a unique capability within NSW and allow the analysis of high-sensitivity proteins and lipids to be completed at the one location,” said Professor Lock, who is also Head of the Children’s Cancer Institute [Leukaemia Biology Program](#).

Proteins and lipids are essential components for all aspects of cell metabolism, structure and communication, and a better understanding of their changes and interplay in cancer requires sensitive analytical techniques.

Continue reading [online](#).

- [Dan Wheelahan](#), UNSW Media Office

## SUCCESSFUL GRANTS

### Dr Alla Dolnikov

- Inner Wheel Foundation - Cord Blood Research Grant  
*Haematopoietic stem cells from umbilical cord blood to generate cancer specific immune effectors cells.*  
\$65,000
- Kids Cancer Project - Research Grant  
*Pre-clinical development of novel immune therapy for paediatric cancers.*  
\$240,000

### Dr Sylvie Shen

- Inner Wheel Foundation - Cord Blood Research Grant  
*Cord Blood Stem Cells for Ex vivo Expansion of Antigen Specific Natural Killer Cells for Multi-modality Cancer Immunotherapy.*  
\$65,000

Dr Mark Whitty (School of Mechanical and Manufacturing Engineering)  
& **Dr Nusrat Homaira**

- Cooperative Research Centre for Spatial Information - Research Grant  
*Identification of indoor localisation solutions for tracking patients in hospital environment to minimise cross-infections.*  
\$25,000

### Dr David Ziegler

- Kids Cancer Project - Research Grant  
*Novel therapies for Diffuse Intrinsic Pontine Glioma (DIPG).*  
\$125,642

of an application currently under consideration to list the procedures on the Medicare Benefits Scheme.

- [ABC News July 31, 2016](#).

## AUGUST 2016

- [Better mental health care needed for congenital heart disease patients](#)

Experts are calling for national mental health care standards to help address the significant emotional toll faced by the 65,000 Australians living with congenital heart disease.

Writing in this week’s edition of the Medical Journal of Australia, UNSW [Associate Professor Nadine Kasparian](#)

and colleagues from UNSW and The Children’s Hospital at Westmead said that although advances in medicine have drastically improved the disease’s survival rate, they bring a range of new challenges.

- [UNSW Newsroom August 1, 2016](#).

- [What you need to know about W-sitting](#)

Experts call it ‘W-sitting’ for an obvious reason – when you look from above, the child’s legs look like a ‘W’.

Their bottom is on the ground and their knees are bent in front of them, with their feet tucked under them or splayed out to the sides. But is it a cause for concern?

**Marianne McCormick**, the head of physiotherapy at Sydney Children’s Hospital in Randwick, notes that W-sitting can put a child’s hips into an in-turned position, which puts pressure on their shins and feet.

- [Essential Baby August 1, 2016](#)

- [Fears grow over safety of trampoline parks after spike in cases of children breaking limbs and spraining wrists and ankles](#)

A new study suggests the parks are an ‘emerging health concern’ for children aged under 17. Author **Dr Christopher Mulligan**, from The University of New South

---

**Prof Maria Kavallaris**

- Kids Cancer Project - Research Grant  
*Stathmin regulation of microRNA expression in neuroblastoma cells.*  
\$115,173

---

**Dr Joanna Fardell**

- Kids Cancer Project - Research Grant  
*Ready, steady, school: development and evaluation of supportive resources for children and adolescents return to school after cancer.*  
\$164,944
- 

## UNSW RESEARCH INFRASTRUCTURE SCHEME

**The new UNSW Research Infrastructure Scheme is now open and inviting proposals. Similar to the previous Major Research Equipment and Infrastructure Initiative, the Research Infrastructure Scheme funds equipment and other infrastructure, including research support staff.**

The scheme is designed to provide UNSW with a world-class research environment to support collaborative research and attract and retain a critical mass of research excellence.

More information, including guidelines and forms, can be found [online](#).

## WELCOME DR SHAFAGH WATERS

**Dr Shafagh Waters, Postdoctoral Research Fellow joins the Discipline of Paediatrics from the School of Biotechnology and Biomolecular Sciences, UNSW Science.**

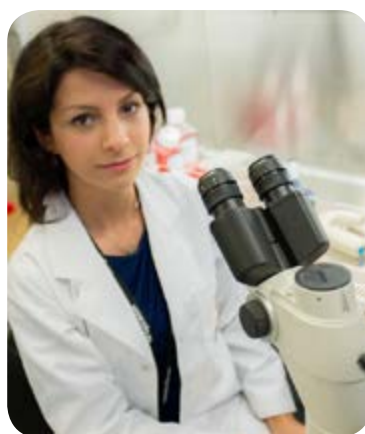
Dr Waters is the lead scientist for the newly established Australasian Centre for Personalised Cystic Fibrosis Medicine at Sydney Children's Hospital. This Centre will utilise the latest technology to provide efficient and precise diagnosis of cystic fibrosis in children. It will also begin implementing personalised medicine into clinical care, altering prescribing habits based on the child's genetic makeup.

Dr Waters role will see her grow stem cell-derived human 'mini organs' (organoids) from the tissues of patients with cystic fibrosis. She also brings with her, Chris Hewson, PhD student. Both are based in the Westfield Laboratories as well as the imaging facilities in the Lowy at UNSW.

Dr Waters undergraduate studies and Masters were undertaken in New Zealand completing a BSc in Biological Science and a Masters in Genetics. Her Masters thesis focused on prognostic and predictive genetic biomarkers of adult brain tumours (Glioblastoma multiforme). She was awarded her PhD in 2012 from the Australian National University for her research on epigenetic regulation of X chromosome inactivation.

Her postdoctoral research at UNSW has been looking at the roles and mechanisms of non-coding RNA-directed changes to gene expression in various cell types and disease models.

Dr Waters research has a strong translational focus and aims to discover small molecules and peptides that are effective in correcting the trafficking



Wales said "double bouncing, or multiple users on a single trampoline, carried a significant risk for injury".

- [The Sun August 16, 2016](#).

- [Indoor trampolining fun but risky: doctors](#)

Indoor trampoline centres are fun and a great way to get kids active but can be dangerous, doctors warn.

**Dr Chris Mulligan**, who led the study by Neuroscience Research Australia (NeuRA), says unlike backyard trampolines, where the majority of injuries occur from falling off, most of the injuries occurred on the trampoline surface itself.

- [9 News August 16, 2016](#).

- [Study confirms golden staph a public health threat to children](#)

The first major study of golden staph bloodstream infection in Australian children has found higher death rates if the right antibiotic is not used to treat the infection.

First author [Dr Brendan McMullan](#), a paediatric infectious diseases specialist and microbiologist at UNSW, said parents should be aware of the bug.

- [UNSW Newsroom August 16, 2016](#).

- [New data: more than 8 out of 10 childhood cancer survivors struggle with health problems later in life](#)

New data reveals that over 81 per cent of childhood cancer survivors develop at least one life-changing mental or physical health issue – so called late effects, meaning side effects appearing a long time after cancer treatment received as a child. Late physical effects include heart disease, obesity and osteoporosis. Many survivors also experience serious psychological late effects, with almost 50 per cent of survivors reporting anxiety or depression. [Associate Professor Claire Wakefield](#) and her team at the University of NSW have revealed the issue. Cancer Council NSW has awarded the team with

and functional defects exhibited by CFTR mutation, while additionally addressing inter-individual human population variability.

#### Recent Publications:

- Rodríguez-Delgado CL; **Waters SA**; Waters DP (2014) Paternal X inactivation does not correlate with X chromosome evolutionary strata in marsupials. *BMC Evolutionary Biology*, vol. 14, no. 1.
- Livernois AM; **Waters SA**; Deakin JE; Marshall Graves JA; Waters PD. (2013) 'Independent Evolution of Transcriptional Inactivation on Sex Chromosomes in Birds and Mammals', *PLoS Genetics*, vol. 9, no. 7.

## WELCOME DR NANCY BRIGGS

### Dr Nancy Briggs from UNSW Stats Central has joined the Discipline of Paediatrics for one day per week to give statistical support to our academics, conjoints, and students.

Dr Briggs received her PhD in Quantitative Psychology in 2006 from Ohio State University. After that, she worked as a statistical consultant for 9 years at the University of Adelaide in the Faculty of Health Sciences. During that time, she worked with researchers in paediatrics, general practice, public health, and was the senior statistician for the Robinson Research Institute and the Australia and New Zealand Dialysis and Transplant Registry. She has expertise in latent variables models, multilevel models, and survival and competing risks models.



Dr Briggs' research interests include application of latent variable models, multilevel models and related models to problems in public health, medical research and behavioural sciences; Bayesian statistics; and clinical trials.

For an appointment, please [email](#) Dr Nancy Briggs, directly.

All staff and students affiliated to the Discipline of Paediatrics are able to access Dr Briggs' services.

## NEW VICE DEAN, CLINICAL AFFAIRS

### Congratulations to Prof Bill Ledger, Head of Discipline of Obstetrics & Gynaecology; and the School of Women's & Children's Health on his appointment as UNSW Medicine's Vice Dean, Clinical Affairs.

Commencing on 1<sup>st</sup> October 2016, the role will require him to take the lead on coordinating the academic work of UNSW Medicine's clinical schools.

His work will also include facilitating the enormously valuable contribution made by conjoint appointees to the training and research effort of the Faculty.

Following this announcement from the Dean of Medicine there are also anticipated changes to School leadership following Professor Ledger's new Faculty appointment.

Prof Ledger will remain as Head of School until the end of 2016 and aim to transition the Head of School position to Prof Adam Jaffe from 1<sup>st</sup> January 2017, pending final agreement with Faculty.

In 2017, Professor Ledger will maintain his position as Head of Discipline of Obstetrics & Gynaecology in the School in addition to his normal research and teaching duties, and will remain on the School Executive.

\$2.2m, funding a program that aims to reduce the incidence of chronic physical and mental illness after treatment, and enhance the social wellbeing and quality of life of survivors and their families – with interventions such as Reboot (encouraging healthy eating after treatment) and Recapture Life (increasing resilience in young people).

- [Cancer Council Media Room](#)  
August 18, 2016.

#### [Overcoming Childhood Cancer Can Take A Lifetime](#)

New University of NSW research found more than eight out of 10 childhood cancer survivors struggled with so-called late effects, both physical and mental. The study, funded by Cancer Council NSW, also showed children's body mass indexes often increased after treatment, and problems persisted for up to seven years after treatment.

- [The Huffington Post](#) August 19, 2016.

#### [Medical cannabis trial for epileptic children showing 'promising' early signs](#)

A special scheme providing medicinal cannabis to epileptic children too sick to join the upcoming standard clinical trial in NSW has shown "promising" early signs, though doctors have warned it is not a miracle cure. Sydney Children's Hospital neurologist [Dr John Lawson](#) is the lead investigator for the medicinal cannabis trials for paediatric epilepsy in New South Wales. He said the children selected for the scheme were deemed too sick to take part in clinical trials, with most suffering hundreds of seizures a day.

- [ABC News](#) August 24, 2016.

#### [Young people with cancer should have affordable options to preserve their fertility](#)

Due to significant advances in diagnosis and treatment, many Australians with cancer can expect to survive and lead a normal life. For those of reproductive age this includes the chance to have

## CONGRATULATIONS DR SUSAN WOOLFENDEN

### **Congratulations to Dr Susan Woolfenden who has been promoted to Conjoint Associate Professor with the Discipline of Paediatrics.**

Conjoint A/Prof Woolfenden is a consultant paediatrician in the Department of Community Child Health at Sydney Children's Hospital and an active researcher. She has extensive experience in systematic reviews and community child health research and is on a number of NHMRC-funded grants in community child health.



She holds a position on the steering committee of the NHMRC-funded Study of Environment on Aboriginal Resilience and Child Health (SEARCH) and is also a named investigator on a number of other grants within this project. She is also an investigator on the NHMRC Partnership grant titled "Watch me Grow." The aim of this study is to enhance universal developmental surveillance.

Dr Woolfenden is also heavily involved in adding to the evidence base in aboriginal child health, as well as contributing to international community child health through her relationship with Fiji. In collaboration with the Department of Paediatrics at the Colonial War Memorial Hospital in Suva, and the Royal Children's Hospital Melbourne's International Child Health Team, Sue provides international service delivery with bi-annual developmental clinics, research and training in Fiji.

Dr Woolfenden is a co-convenor of the Cochrane Prognosis Methods Group, an entity of the International Cochrane Collaboration which is a key body for evidence-based medicine.

#### **Recent Publications:**

- Nathanson D; **Woolfenden S**; Zwi K. (2016) Is there a role for paediatric Sexual Assault Nurse Examiners in the management of child sexual assault in Australia? *Child Abuse and Neglect*, 59: 13 - 25.
- Gardner S; **Woolfenden S**; Callaghan L; Allende T; Winters J; Wong G; Caplice S; Zwi K. (2016) Picture of the health status of Aboriginal children living in an urban setting of Sydney. *Australian Health Review*, 40: 337 - 344.
- Walsh K; Zwi K; **Woolfenden S**; Shlonsky A. (2016) Assessing the effectiveness of school-based sexual abuse prevention programs. *Family Matters*, pp. 5 - 15
- **Woolfenden S**; Eapen V; Axelsson E; Hendry A; Jalaludin B; Dissanayake C; Overs B; Descallar J; Eastwood J; Einfeld S (2016) Who is our cohort: Recruitment, representativeness, baseline risk and retention in the "Watch Me Grow" study? *BMC Pediatrics*, 16.
- **Woolfenden S**; Posada N; Krchnakova R; Crawford J; Gilbert J; Jursik B; Sarkozy V; Perkins D; Kemp L (2015) Equitable access to developmental surveillance and early intervention - understanding the barriers for children from culturally and linguistically diverse (CALD) backgrounds. *Health Expectations*, 18: 3286 - 3301.
- Walsh K; Zwi K; **Woolfenden S**; Shlonsky A. (2015) School-based education programmes for the prevention of child sexual abuse. *The Cochrane Database of Systematic Reviews*, vol. 4, pp. CD004380.

their own family in the future. But fertility can be affected by both the cancer itself and the treatment received. One in ten cancer patients can expect to face fertility issues after their treatment. But studies from the United States show less than 50% of those at risk of infertility are given the opportunity for referral to a fertility specialist or informed about options and strategies to preserve their reproductive health.

Authors: **Dr Antoinette Anazodo**, Conjoint Senior Lecturer, UNSW Australia; **Brigitte Gerstl**, International Manager FUTuRE Fertility, Sydney Children's Hospital, UNSW Australia.

- [The Conversation August 26, 2016](#).

#### • [Childhood cancer survivors suffering long-term health issues](#)

New data has revealed 81 per cent of childhood cancer survivors suffer health consequences well into their adult years. According to [Associate Professor Claire Wakefield](#) from the University of NSW, there needs to be more research into how medical professionals can support childhood cancer survivors and their families in the decades after treatment. "On top of the prevalence of life-changing late effects that we have found childhood cancer survivors struggle with, our data also shows that there is no consistent model of care," she explains. - [SBS August 26, 2016](#).

#### SEPTEMBER 2016

#### • [These Australian Robots Are Working 24/7 To Cure Kids' Cancer](#)

At the Australian Cancer Research Foundation Child Cancer Personalised Medicine Centre, specialised robots are working 24/7, rapidly testing hundreds of treatments for kids with high-risk cancers. [Professor Michelle Haber AM](#), Executive Director of Children's Cancer Institute, said the need for better treatment options is urgent.

## CONGRATULATIONS DR JENNIFER COHEN

**Congratulations to Dr Jennifer Cohen, Oncology Dietitian in the Kids Cancer Centre; Conjoint Lecturer with the Discipline of Paediatrics; and Team Leader Nutrition, in the Behavioural Sciences Unit on the award of her PhD.**



Dr Cohen specialises in the area of nutrition in paediatric oncology both during and after cancer treatment. Her research interests include the impact of cancer therapy on the nutritional status of childhood cancer patients.

Her focus is on assessing the dietary intake and habits of survivors of childhood cancer as well as improving the nutritional status of those undergoing active treatment.

### Recent Publications:

- Fleming CAK; **Cohen J**; Murphy A; Wakefield CE; Cohn RJ; Naumann FL. (2015) Parent feeding interactions and practices during childhood cancer treatment. A qualitative investigation. *Appetite*, 89: 219 - 225.
- Murphy AJ; Mosby TT; Rogers PC; **Cohen J**; Ladas EJ. (2014) An international survey of nutritional practices in low- and middle-income countries: a report from the International Society of Pediatric Oncology (SIOP) PODC Nutrition Working Group. *European Journal of Clinical Nutrition*, 68: 1341 - 1345.
- **Cohen J**; Wakefield CE; Tapsell LC; Walton K; Fleming CAK; Cohn RJ. (2014) Exploring the views of parents regarding dietary habits of their young cancer-surviving children. *Supportive Care in Cancer*.
- **Cohen J**; Laing DG; Wilkes FJ; Chan A; Gabriel M; Cohn RJ. (2014) Taste and smell dysfunction in childhood cancer survivors. *Appetite*, 75: 135 - 140.
- **Cohen J**; Wakefield CE; Fleming CAK; Gawthorne R; Tapsell LC; Cohn RJ. (2012) Dietary intake after treatment in child cancer survivors. *Pediatric Blood and Cancer*, 58: 752 - 757.
- **Cohen JN**; Laing DG; Wilkes F (2012) Taste and smell function in pediatric blood and marrow transplant patients. *Supportive Care in Cancer*, 20: 3019 - 3023.

## MEDICINE ACADEMIC PROMOTION

**Are you thinking about applying for an academic promotion? Would you like a chance to talk to colleagues who have been through the UNSW promotion process?**

The Medicine Academic Promotion Workshop is for academic staff of all levels considering applying for promotion. The workshop provides an opportunity for potential applicants to hear advice from past recipients and to ask questions. A panel of Faculty members will share their experiences of the process with you.

This Faculty initiative is held early in the promotion process to help answer applicants questions before drafting applications. We recommend you also attend the UNSW run workshops.

Thursday 27<sup>th</sup> October 2016 | 12pm-2pm  
Boral Lecture Theatre, AGSM Building (Kensington Campus)

“Every week in Australia, three children die of cancer. When standard treatments fail, these children have few options and little time.”

- [Gizmodo](#) September 2, 2016.

- [Singular, Montelukast: Asthma medication linked to serious psychotic episodes in children](#)

‘Some of my patients have complained of nightmares or tantrums, of being angry, or being sad. And in those cases the challenge to me and to each parent is to work out whether it’s the medication itself or whether it’s the child’s behaviour. So in a handful of patients it certainly has been the medication.’ - [Prof Adam Jaffe](#).

- [ABC](#) September 5, 2016.

- [Asthma tablets linked to depression and suicidal thoughts in children as young as FOUR](#)

A tablet used to treat exercise-induced asthma has been linked to suicidal thoughts and depression in children as young as four. Montelukast or Singular is a chewable tablet prescribed to adults and children between the ages of two to 14 to treat varying levels of exercise-induced asthma, reported the [ABC](#).

Paediatric respiratory physician [Adam Jaffe](#) from Sydney Children’s Hospital said he had taken some patients off the drug after they had side effects. - [Daily Mail](#) September 6, 2016.

- [Meet the miracle workers of the neonatal ward at Randwick’s Royal Hospital for Women](#)

BIANCA Arberry enjoyed a textbook pregnancy — until she reached 30 weeks. Suffering no symptoms, the Wollongong woman attended her regular 30-week check-up and hours later was in an ambulance rushing to the Royal Hospital for Women in Randwick. Her baby, Mikayla Jane, was born just over 24 hours later, two-and-a-half months early and weighing less than 1kg. Little Mikayla will remain a patient of the NICU until the



Spaces are limited. Register [here](#).

More information on Academic Promotion can be found [online](#).

## UNSW 2025 STRATEGY - GRAND CHALLENGES

### **Dr Nusrat Homaira has been selected as the focal point for UNSW Medicine on the Grand Challenge on Refugee and Migrants, 2016.**

As part of the Grand Challenge, there will be fortnightly meet ups at the Michael Crouch Innovation Centre, UNSW with the next occurring on Thursday 13<sup>th</sup> October, 4pm – 5pm.

The Meet ups are designed to connect UNSW staff and students interested in the Grand Challenges program, and will feature a different presenter and topic on a fortnightly basis. After the presentations, there will be time to connect with your colleagues for discussion and to plant the seeds for future collaborations.

Please Join the [Grand Challenge Meet Up](#) page to learn more about this and future meet ups. Please also remember to RSVP as places are limited.

For more information on the **Grand Challenge on Refugee and Migrants**, please contact [Dr Nusrat Homaira](#).

## NSW HEALTH TRANSLATIONAL RESEARCH GRANTS

### **A total of \$12.8 million will be available in this funding round, allocated over a two year period. Grants ranging from \$50,000 to \$1 million will be provided to successful applicants for projects of one to two years' duration.**

Applicants are encouraged to partner with other research organisations such as universities and medical research institutes, **however research projects must be led by an employee of a host organisation within the health system.** The scheme is designed to accelerate the development of research capabilities and evidence translation within the NSW health system.

The application process will include three stages: expressions of interest, proposal development and full applications. More information about who is eligible, how to apply for the grants, and information sessions for applicants is available in [Translational Research Grants Scheme Round 2 – Guidelines for Applicants](#).

Completed expressions of interest and attachments should be [emailed](#) by 5pm on **9<sup>th</sup> November 2016**.

More information is available [online](#).

## ENGAGING CHILDREN IN RESEARCH

### **The Kaleidoscope Project | Engaging Children and Families in Research – a one day workshop**

This one day workshop brings together children, families, communities, and health professionals to learn and discuss how to engage children with chronic conditions and their families in research. The forum will be facilitated by Sally Crowe from the United Kingdom, who is a world-recognised expert in patient



date she was meant to be born, October 26. Her care is under the direction of a team of doctors, led by [Dr Kei Lui](#), co-director of the Newborn Care Centre, which encompasses the NICU, and specialist nurses.

- [Herald Sun](#) September 10, 2016.

### **[John Hunter Children's Hospital Provides Children With Medical Marijuana](#)**

A medical breakthrough at the John Hunter Children's Hospital took place as children were already allowed to receive medical marijuana for their treatment. A group of children diagnosed with severe epilepsy was given medical marijuana as an alternative treatment. "This is an important first step in exploring the clinical use of cannabis-derived medicine for the treatment of severe childhood epilepsy," lead trial researcher [Dr. John Lawson](#) said. The scheme will see some of the sickest children who have not responded to available epilepsy drugs and treatments in NSW.

- [Parent Herald](#) September 20, 2016.

### **[Blood 'hot study' shows potential for leukaemia drug](#)**

A 'breakthrough' adult leukaemia therapy called venetoclax could successfully target high-risk leukaemia subtypes in infants or children reveals an Australian study published this month, Childhood Cancer Awareness Month, in prestigious US haematology journal Blood. The study's lead authors are [Professor Richard Lock](#), Head of Leukaemia Biology at Children's Cancer Institute and Walter and Eliza Hall Institute's Professor David Huang. - [CCI website](#) September 26, 2016.

If your story has been missed, please contact - [Samantha McFedries](#)

engagement, a member of the British Medical Journal's Patient Panel and former Co-Chair of the UK-based James Lind Alliance (JLA), which facilitates research priority setting partnerships globally.

### Who can attend?

- Children (aged 11-18 years) with a chronic condition,
- Adult family members (with children aged 0-18 years),
- Caregivers,
- Patient advocates,
- Healthcare providers,
- Policy makers, and
- Researchers.

Saturday 15<sup>th</sup> October 2016 | 9:30 am – 4:30 pm  
Mercure Hotel, Sydney NSW, Australia

### Registration:

Registration is free and limited to 80 participants. Please register your interest [online](#) and a confirmation email will be sent to you within three days of submission.

If you have any questions, [email](#) Dr Pamela Lopez-Vargas.

### [The Kaleidoscope Project](#)

Supported by NSW Ministry of Health  
Better Treatment 4 Kids Network  
The Children's Hospital at Westmead  
The University of Sydney

## EVENTS

### OCTOBER

- **11 OCT | 9:30AM - 12:30PM**  
[Starting a conversation about your research with impact](#)  
Ever wondered how to explain who you are, what you do and why your research is so important and is worth supporting? What will keep your audience interested? If so, this workshop is for you. More information and registration [online](#).
- **10 OCT - 13 OCT**  
[Postgraduate Information Sessions](#)  
Attend a Postgraduate Information Session to learn more about research and coursework opportunities. Postgraduate students at UNSW benefit from flexible degree structures, diversity of course options, leading researchers and academics and extensive industry links. More information and registration [online](#).
- **11 OCT | 12:30PM - 1:30PM**  
[Meeting the Needs of Aboriginal People with Disability Under the NDIS](#)  
Speaker: Damian Griffis is a descendant of the Worimi people of the Biripi nation. Damian is currently the Chief Executive Officer of the First Peoples Disability Network (Australia), the National peak organisation representing Aboriginal people with disabilities and their families. He has worked for more than 20 years in various capacities within the disability sector and has been instrumental in consolidating the development of the social movement of Aboriginal people with disabilities. More information and registration [online](#).
- **14 OCT | 9:30AM - 12:30PM**  
[An Academic Profile - first steps in career building](#)  
What are the expectations and standards required by researchers in the early stages of their career to build their profile? This practical and insightful workshop

## BRIGHT ALLIANCE BUILDING COMPLETION

**As many of you will be aware, the Bright Alliance Building on the corner of Avoca and High Streets is nearing completion, with the Discipline of Paediatrics offices scheduled to move on 9<sup>th</sup> December 2016.**



The Discipline of Paediatrics will occupy Level 8 of the building which has been named the Centre for Child Health Research and Innovation (CHeRI). The Head of Discipline and many of our Academics will have offices here, as well as professional staff housed on the open floor plan. This will include research support staff and student services; together with clinical trials, and hot-desks for HDR and ILP/Honours students.

It is therefore a very exciting and busy time for the Discipline. Please note that no Discipline staff currently housed in the offices on Level 3 of Sydney Children's Hospital will remain there. It is unknown at this stage, how the hospital will redeploy this space.

For more information on The Bright Alliance you can visit the [website](#).

If you have access to the Sydney Children's Hospitals Network Intranet you can also visit the [Randwick Precinct page](#) for more details and regular updates including impact of the light rail on High Street.





The 4<sup>th</sup> Annual UNSW Paediatrics Research Week will be held from 14<sup>th</sup>-18<sup>th</sup> November 2016 with events taking place both at Sydney Children's Hospital and the UNSW Kensington Campus.

Although the programme is still being finalised, highlights for 2016 include:

- **Monday, Tuesday, Wednesday**  
**Three-Day Research Symposium**

Presentations from Discipline of Paediatrics and Children's Cancer Institute higher degree research (Masters & PhD) students.  
*Draft programme on page 12.*

**Time:**  
9am - 4pm

**Monday's Venue:**

John Beveridge Lecture Theatre, Level 1, Sydney Children's Hospital

**Tuesday & Wednesday's Venue:**

Lecture Theatre, Wallace Wurth Building, UNSW Kensington Campus

- **Wednesday**  
**4<sup>th</sup> Annual Independent Learning Project (ILP) Awards**

Presentations from UNSW ILP Students  
ILP students have completed a research project in 2016 as a requirement of the undergraduate medicine curriculum.  
*Call for Abstracts currently open, more information [online](#).*

Presentation by the Margaret Dance Honours Prize winner for 2015. This is a retrospective prize awarded to the Discipline of Paediatrics Honours student who receives the highest mark for the year.

**Time:**  
1pm - 2:15pm

**Venue:**

John Beveridge Lecture Theatre, Level 1, Sydney Children's Hospital

- **Thursday**  
**Good Clinical Practice (GCP) Training**

Sydney Children's Hospitals Network Research Governance Office will be holding GCP Training for study coordinators, clinicians, allied health and nursing professionals; higher degree research candidates, and ILP students interested in participating.

**Time:**  
9am-1pm

**Venue:**

John Beveridge Lecture Theatre, Level 1, Sydney Children's Hospital

*More details will be circulated soon.*

featuring Guest speakers David Gleeson, Manager Academic Promotions and Researchers who have recently experienced the Academic Promotions process at UNSW will assist participants identify next steps to build their profile. More information and registration [online](#).

- **17 OCT | 9:00AM - 5:00PM**  
**[The Garvin Institute International Fellow Symposium 2016](#)**  
Linking genomics and neurobiology to understand the brain and its diseases. More information and registration [online](#).
- **19 OCT | 10:00AM - 12:30PM**  
**[Funding & Projects: Principles in preparing a budget application](#)**  
The aim of this workshop is to assist researchers in identifying and recognising UNSW's expectations in building the components of a budget for a funding application. More information and registration [online](#).
- **20 OCT | 1:00PM - 3:00PM**  
**[Getting ready for the NHMRC Development grant scheme](#)**  
In preparation for the upcoming NHMRC Development Grant Scheme (opening in November 2016), the Research Strategy and Partnerships Office (RSPO) in conjunction with the Grants Management Office (GMO) will present "Getting ready for the NHMRC Development grant scheme" seminar. More information and registration [online](#).
- **25 OCT | 10:00AM - 1:00PM**  
**[Orientation to Research](#)**  
Orientation to Research provides an essential introduction for research academics and administrators new to UNSW and an opportunity to meet key Division of Research staff. Orientation to Research is an essential introduction for

**DRAFT PROGRAMME - SUBJECT TO CHANGE**  
**Programme for Wednesday is childhood cancer-themed**  
**and will be available soon.**

**MONDAY 14<sup>TH</sup> NOVEMBER**

John Beveridge Lecture Theatre, Level 1, Sydney Children's Hospital

**Clinical Session | 9am - 10:40am**

- **Keynote Speaker:** To be confirmed
- Dr Lisa Amato  
*Infantile hypercalcaemia following maternal vitamin D supplementation.*
- Dr Sandra Chuang  
*Non-Invasive Measures of Work of Breathing during Sleep in Children.*
- Dr Bernadette Prentice  
*Early Origins Study of Cystic Fibrosis related Diabetes.*

**Morning Tea**

**Clinical Session | 11am - 12:15pm**

- Dr Preena Uppal  
*To study therapeutic adherence to guidelines, and to identify factors affecting the morbidity and mortality in paediatric status epilepticus.*
- Dr Shailender Mehta  
*Therapeutic Hypothermia In Neonates with Hypoxic Ischaemic Encephalopathy.*
- Dr Sonia Isaacs  
*Characterisation of enteroviruses and the virome during pregnancy and early life using next generation sequencing: a cohort study of Australian infants at risk of developing type 1 diabetes.*

**Lunch**

**Population Health Session | 1:15pm - 2:30pm**

- Dr Pankaj Garg  
*Well child care: a mixed methods study to understand the delivery in NSW in primary health care.*
- Dr Laverne Lok  
*Evaluating the health and education outcomes of children and adolescents with Neonatal Abstinence Syndrome who are living in out-of-Home care.*
- Conjoint A/Prof Karen Zwi  
*Longitudinal study of newly arrived refugee children in Australia.*

**TUESDAY 15<sup>TH</sup> NOVEMBER**

Lecture Theatre, Wallace Wurth Building, UNSW Kensington Campus

**Behavioural Sciences & Cancer Session | 9am - 10:40am**

- Alistair Lum  
*Meeting the educational needs of children with serious illness: Supporting children, families, and teachers for optimal education outcomes.*
- Christina Signorelli  
*A randomised controlled trial of a nurse - led, oncologist - supported, program to reduce and/or prevent the late effects of systemic therapy.*
- Laura Touyz  
*Improving lifestyle behaviours to prevent abnormal body composition, including obesity and metabolic complications in childhood cancer.*

research academics and administrators new to UNSW. More information and registration [online](#).

- **26 OCT | 10:00AM - 12:30PM**  
[Using social media to promote your research](#)  
How can you utilise social media to support your goals for engagement and promotion of research? In this workshop you will develop an individual social media strategy to build your professional presence. More information and registration [online](#).
- **31 OCT | 8:45AM - 3:30PM**  
[Learning & Teaching Forum - Towards 2025: Inspiring Learning](#)  
The focus of the October 2016 Learning and Teaching Forum, Towards 2025: Inspiring Learning, is the UNSW 2025 Strategy and the Scientia Educational Experience in particular. The keynotes will address aspects of the 2025 Strategy and provide insights into the student experience at UNSW. Register [online](#).

**NOVEMBER**

- **3 NOV**  
[The Kirby Institute Symposium 2016](#)  
The annual Kirby Institute Symposium brings together academics, researchers, clinical professionals, policy makers and community partners working in the field of infectious diseases, blood-borne viruses and related infections to hear from leading experts about current research and emerging trends in biomedical, clinical, epidemiological and behavioural research. More information and registration [online](#).
- **24 NOV**  
[Fifth Annual Health-Science Alliance Scientific Symposium](#)  
This year's symposium will include a diverse range of presentations including:

- Dr Antoinette Anazodo  
*Fertility Preservation (FP) in Paediatric and Adolescents and Young Adult Cancer Patients.*

### **Morning Tea**

#### **Neuroscience & Genetics Session | 11am - 12:40pm**

- Dr Tejaswi Kandula  
*Chemotherapy-induced peripheral neuropathy in the paediatric population: risk factors, assessment strategies and functional outcomes.*
- Dr Hooi Teoh  
*Understanding of pathogenesis between acquired and genetic causes to infantile neurological conditions.*
- Dr Emma Palmer  
*The application of Next Generation Sequencing (NGS) in the diagnosis of infantile onset epileptic encephalopathy (IEE).*
- Dr Paul Gray  
*Use of next generation sequencing for the identification of novel Childhood primary immunodeficiency genes.*

### **Lunch**

#### **Laboratory Session | 1:30pm - 2:45pm**

- Christopher Poulton  
*New paradigm of infectious disease defining how multiple bacteria cause disease.*
- Fathalla Ali  
*The Early development of microbiota in premature infants.*
- Dr Yuliya Makeyeva  
*Olfactory Chemosensory Proteins.*

### **Afternoon Tea**

#### **Psychology Session | 3:00pm - 4:15pm**

- Laura Mitchell  
*Quality of life, psychological health and resilience amongst children and young people with a Fontan circulation.*
- Eden Robertson  
*Development and pilot evaluation of a decision aid for young people and parents considering enrolling in a paediatric oncology clinical trial.*
- Sarah-Grace Paguinto  
*Getting wheels: Transitioning to powered mobility for children and young people with neuromuscular conditions, understanding perceptions and optimising practise.*

- Role of the microbiome in health and disease;
  - Evidence-based initiatives in health care;
  - Clinical trials;
  - Forensic mental health;
  - Nephrology;
  - Cancer;
  - Embedding research into clinical services
- The full program will be available in early October on The Health-Science Alliance [website](#).

- **24 NOV - 25 NOV**  
**[Animal Care and Ethics Course](#)**  
The Animal Care and Ethics course is open to internal staff (UNSW and affiliated organisations e.g. NeuRA, Liverpool Hospital, St George Hospital, Prince of Wales Hospital, CCI) as well as non-affiliated organisations. More information and registration [online](#).
- **30 NOV**  
**[Animal Care and Ethics Refresher Course](#)**  
The University of New South Wales Animal Care and Ethics Committee is offering a free half-day Animal Ethics course for researchers who have previously attended a course or who have more than 10 years' experience in animal based research. More information and registration [online](#).
- **28 NOV - 1 DEC**  
**[Kirby Institute Short Course: Introduction to applied biostatistics](#)**  
This course aims to provide students with an introduction to statistical concepts, their use and relevance in clinical research and public health. This unit covers ways to describe and summarise data, concepts of statistical inference and hypothesis testing and commonly used statistical tests. More information and register [online](#).

To advertise an event, please contact  
- [Samantha McFedries](#)

CHILD  
POPULATION  
HEALTH  
RESEARCH  
FORUM



THURSDAY 6 OCTOBER  
9AM – 3PM

AT THE JOHN BEVERIDGE  
LECTURE THEATRE, LEVEL ONE,  
SYDNEY CHILDREN'S HOSPITAL,  
RANDWICK

This Forum brings together researchers, health professionals and planners interested in child population health, health service research and implementation science to inform, share and collaborate. Students are welcome.

Free event but registration essential for catering purposes.

Please forward this message to your colleagues and encourage them to RSVP

Vivian Isaac, Project Officer  
Population Health Research, Kids Research Institute  
[vivian.isaac@health.nsw.gov.au](mailto:vivian.isaac@health.nsw.gov.au)

KEY NOTE SPEAKERS:

**Prof Sharon Goldfeld**

Department of Paediatrics,  
Faculty of Medicine Dentistry and Health Sciences,  
University of Melbourne  
*Creating life opportunities: the promise of early childhood*

**Prof Nadia Badawi**

DMacquarie Group Foundation Professor and Chair of Cerebral Palsy, Cerebral Palsy Alliance, Medical Director and co-Head Grace Centre for Newborn Care, The Children's Hospital at Westmead  
*Cerebral palsy – its time has come*

**Complete programme attached.**

8.30am	<b>REGISTRATION (IN FOYER)</b>
9am	<b>Welcome and strategic overview</b> <i>Prof Chris Cowell, Director of Research, Sydney Children's Hospitals Network</i>
9.15am	<b>Opening address</b> <i>Prof Peter McIntyre, Director of the National Centre for Immunisation Research and Surveillance (NCIRS)</i>
<b>SESSION 1:</b>	
9.30am	<b>Plenary Session 1</b> <b>Creating life opportunities: the promise of early childhood</b> <i>Prof Sharon Goldfeld, Department of Paediatrics, Faculty of Medicine Dentistry and Health Sciences, University of Melbourne; Co-Group Leader, Policy Equity and Translation, Murdoch Childrens Research Institute</i>
10am	<b>Double Jeopardy – Inequalities in Early Childhood Development and the Inverse Care Law in an Australian birth cohort</b> <i>A/Prof Susan Woolfenden, Senior Staff Specialist, Department of Community Child Health, Sydney Children's Hospital, Randwick</i>
10.15am	<b>The Baby beyond Childhood</b> <i>A/Prof Ju-Lee Oei, Senior Neonatologist, Royal Hospital for Women, Randwick, NSW, Australia</i>
10.30am	<b>Refugee children: how do they fare over the long term</b> <i>A/Prof Karen Zwi, Head, Department of Community Child Health, Sydney Children's Hospital, Randwick</i>
10.45 – 11.15am	<b>MORNING TEA</b>
<b>SESSION 2:</b>	
11.15am	<b>Learn to Stop Burns and Scalds in the Kitchen – An Intervention Study in Early Childhood</b> <i>Mrs Erin Collimore, Health Promotion Officer, Kids Health, The Children's Hospital at Westmead</i>
11.30am	<b>Children living with rare chronic and complex disease – need for equitable coordinated and integrated health services</b> <i>A/Prof Yvonne Zurynski, Director of Research, Australian Paediatric Surveillance Unit, The Children's Hospital at Westmead and the University of Sydney</i>
11.45am	<b>Role of allied health clinician-researchers in improving child health outcomes</b> <i>Prof Joshua Burns, Professor of Allied Health (Paediatrics), University of Sydney and Sydney Children's Hospitals Network</i>
12pm	<b>Making an IMPAKT: Implementing and Measuring Person-centredness using an APP for Knowledge Transfer</b> <i>Prof Val Wilson, Director of Nursing Research &amp; Practice Development at The Children's Hospital at Westmead</i>
12.15pm – 12.45pm	<b>LUNCH</b>
<b>SESSION 3 :</b>	
12.45pm	<b>Plenary Session 2</b> <b>Cerebral palsy – its time has come</b> <i>Prof Nadia Badawi, Macquarie Group Foundation Professor and Chair of Cerebral Palsy, Cerebral Palsy Alliance, Medical Director and co-Head Grace Centre for Newborn Care, The Children's Hospital at Westmead</i>
1.15pm	<b>Hearing EAR health and Language Services (HEALS): service delivery project of the Study of Environment on Aboriginal Resilience and Child Health (SEARCH)</b> <i>Dr Hasanthia Gunasekera, Sub-Dean (Education), The Children's Hospital at Westmead Clinical School, The University of Sydney; General Paediatrician, The Children's Hospital at Westmead</i>
1.30pm	<b>Group Discussion</b> <i>Facilitator: Prof Adam Jaffe, John Beveridge Professor of Paediatrics, Head of Discipline of Paediatrics School of Women's and Children's Health, Faculty of Medicine University of New South Wales, Associate Director of Research, Sydney Children's Hospitals Network, Sydney Children's Hospital, Randwick</i>
2.15pm	<b>Feedback</b>
2.30pm	<b>Way forward</b> <i>Prof Adam Jaffe, John Beveridge Professor of Paediatrics, Head of Discipline of Paediatrics School of Women's and Children's Health, Faculty of Medicine University of New South Wales, Associate Director of Research, Sydney Children's Hospitals Network, Sydney Children's Hospital, Randwick</i>
2.45pm	<b>CLOSE</b>

# UNIVERSITY OF SYDNEY - ENDING CHILDHOOD OBESITY

Co-presented with [Charles Perkins Centre, Westmead](#)

Obesity and other related chronic illnesses are now the leading cause of death in Australia. Ready access to unhealthy fast foods, lack of proper exercise and poor understanding of the causes and implications of obesity are all contributing to a crisis for our community. Obesity is becoming increasingly prevalent amongst children and young adults, which greatly raises their risk of additional complicating factors that will shorten their lifespan and impede their opportunity to live a healthy, happy life.

What is obesity, and why should we care about its impact on our young people? Can obesity be prevented? Can changes to what we eat help reduce the risks? What is the best diet for growing bodies? How can the places we live, play and work effect our health? Is physical activity the responsibility of the individual? Should we be doing more as a community to make sure people are able to be healthy?

For [World Obesity Day 2016](#) join our panel of clinicians, scientists and health promotion experts for a lively discussion of these important questions.

## Panellists

- Professor Louise Baur (panel chair), Associate Dean and Head of The Children's Hospital at Westmead Clinical School, and Head of Discipline, Child & Adolescent Health, Sydney Medical School
- Christine Newman, Manager of Health Promotion and Deputy Director of the Centre for Population Health, Western Sydney Local Health District
- Associate Professor Sarah Garnett, Institute of Endocrinology and Diabetes at the Children's Hospital at Westmead and a conjoint Associate Professor, Discipline of Child and Adolescent Health at the Children's Hospital at Westmead Clinical School
- Dr Natalie Lister, Postdoctoral Research Fellow at The Children's Hospital at Westmead Clinical School and Children's Hospital at Westmead department of Endocrinology
- Associate Professor Emmanuel Stamatakis, Exercise, Health and Physical Activity Sport Sciences in the School of Public Health and the Charles Perkins Centre

Sydney Ideas, Westmead is a new initiative intended to contribute to the inspiring intellectual and cultural atmosphere of the Westmead health services, research and education precinct. For more information please [see this page](#).

**Tuesday 11 October | 6pm-7pm**  
(doors open at 5:30pm for 6pm start)

Conference Room,  
Westmead Institute for Medical Research  
176 Hawkesbury Rd, Westmead NSW 2145  
[Venue information](#)

## RSVP

Free event with online registration requested.  
Please [click here](#) for the registration page.



## Sydney Ideas, Westmead

Ending Childhood Obesity



Copyright © 2016 The University of Sydney.  
NSW 2006 Australia. Phone +61 2 9381 2222  
ABN 95 211 515 454 CRICOS Number: 00015A

To make sure you continue to see our emails  
in the future, please add  
[sydney.ideas@sydney.edu.au](mailto:sydney.ideas@sydney.edu.au) to your address  
book or senders safe list.

To unsubscribe, reply to this email with  
"UNSUBSCRIBE" in the subject line.

[Disclaimer](#) | [Privacy statement](#) | [University of Sydney](#)



## SUPERVISING RESEARCH WORKSHOPS

**Registration is now open for the following Supervising Research workshops aimed at Higher Degree Research students who are wanting to supervise in the future.**

Dr Janet Carton, Graduate Education Development Manager, University College Dublin (UCD) has received an Erasmus Teaching and Practice Sharing Fellowship from the U21 Alliance, and will be presenting workshops for Higher Degree Researchers between 4<sup>th</sup> - 7<sup>th</sup> of October in conjunction with UNSW's Researcher Development Unit.

Courses suitable for Higher Degree Research candidates **nearing completion** and considering becoming a Research Supervisor:

- **5 OCT | 10:00AM - 12:30 PM**  
**[Becoming a Research Supervisor – Part 1: roles & responsibilities](#)**  
This workshop is for Higher Degree Research candidates considering becoming a Research Supervisor to assist you in thinking about the roles and responsibilities of the supervisor and the importance of candidate selection and relationship building.  
More information and registration [online](#).
- **6 OCT | 10:00AM - 12:30 PM**  
**[Supervising Research: Becoming a Research Supervisor - Part 2: common challenges](#)**  
As a candidate approaching completion, you know just how important your Supervisor is. In the next step of your career, Supervising others will likely be a part of your role. You not doubt have questions; how ready are you for this? What do you need to consider? What's involved? and more.  
More information and registration [online](#).

Suitable for Higher Degree Research candidates **within 1-2 years of candidature**:

- **7 OCT | 10:00AM - 12:30 PM**  
**[Supervising Research: Making the most of your candidature](#)**  
As a Higher Degree Research candidate (HDR) in your first year or two, you appreciate the role of your Supervisor and value the relationship you are building. Given you have some way yet to go to submission, how do you ensure the best for this working arrangement? What are your responsibilities? What skills do you need? How do you handle challenging situations?  
More information and registration [online](#).

## CONGRATULATIONS

**We would like to congratulate Discipline of Paediatrics and Children's Cancer Institute candidates who have had their higher degrees awarded or have recently submitted. We appreciate the immense amount of hard work that is invested into your research and resulting thesis - well done!**

### PhD:

- **Dr Leigh Kurth**  
Supervisors: A/Prof Claire Wakefield, Conjoint Prof Richard Cohn, Vera Russell  
*Submitted.*
- **Dr Nusrat Homaira**  
Supervisors: Prof Adam Jaffe, Dr Tom Snelling, Prof William Rawlinson.  
*Awarded.*
- **Dr Timothy Schindler**  
Supervisors: Prof Alec Welsh, Conjoint A/Prof Julee Oei  
*Submitted.*

## WCH RESEARCH COMMITTEE

**For new students or those previously unaware, the Director of Research for the School of Women's & Children's Health, A/Prof Rob Gilchrist, has established a research committee for the School with representatives at various stages of their research career and across both disciplines - paediatrics, and obstetrics and gynaecology.**

Christopher Poulton has been appointed as the Higher Degree Research representative and as such will call for any matters HDR candidates would like addressed by the committee, and also feedback matters of interest to HDR students that are discussed during the meetings.

The meetings are held bi-monthly, the next one is scheduled for 11<sup>th</sup> October 2016. If you have a matter you would like raised, please contact Chris by [email](#).

## BRIGHT ALLIANCE HOT DESKS FOR HDR

**As mentioned on page 10 of the newsletter, the Discipline of Paediatrics will be moving into level 8 of the Bright Alliance Building on 9<sup>th</sup> December 2016.**

There will be a number of hot desks available for use by HDR students. More information about how they will be managed (including how-to reserve a space) will be circulated in the coming months.

# FUNDING

The [School of Women's & Children's Health website](#) contains a list of funding opportunities available throughout the year.

**Please remember:**

- All applications from UNSW staff & students must be submitted via the Grants Management Office (GMO). [Carlie Scully](#) is the Grants Officer for the Discipline of Paediatrics.
- Non-ACGR scheme applications must comply with UNSW's policy for pricing and indirect costs.
- The internal deadline for submission of grant applications to the GMO is **2 weeks prior to the external deadline**. This timeframe allows the GMO to ensure applications comply with UNSW policies and sponsor requirements.
- Many philanthropic Funds and Foundations provide funding for university research. In cases where research grant funding is awarded via an advertised competitive application round, the submission of applications is managed through the GMO, which will also manage the grant once awarded. See 'managing research income from philanthropic funding schemes' for further information.
- All applications that require signature from Head of School - Prof Bill Ledger, need to be submitted to his Executive Assistant ([Galina Lazareva](#)), five days prior to the external deadline.

## ALL STREAMS

### OCTOBER

Funder	Scheme	Internal Close	External Close
<a href="#">The Australasian College of Physicians</a> Fellows are invited to submit nominations for the award of the Eric Susman Prize for the best contribution to the knowledge of any branch of internal medicine. \$5,000	Eric Susman Prize	19-SEP-16	03-OCT-16
<a href="#">European Research Council</a> Open to researchers who have already been awarded an ERC grant. Its purpose is to help ERC grantees explore the innovation potential of their research or support commercialisation of the results of their ERC-funded research. €150,000   18 months	ERC Proof of Concept Grant	20-SEP-16	04-OCT-16
<a href="#">UNSW</a> Postgraduate research scholarships for domestic candidates commencing in Semester 1, 2017	APA Scholarships	Internal	13-OCT-16
<a href="#">European Research Council</a> Designed to encourage young research leaders to gain independence in Europe and to build their own careers. Researchers of any nationality with 2-7 years of experience since completion of PhD are eligible to apply.	Starting Grant	04-OCT-16	18-OCT-16

### NOVEMBER

Funder	Scheme	Internal Close	External Close
<a href="#">James N. Kirby Foundation</a> To support improved physical and mental health as well as quality of life for all Australians. > \$15,000	Large Grants	15-NOV-16	30-NOV-16
<a href="#">NHMRC</a> The Centres of Research Excellence (CRE) scheme will provide support for teams of researchers to pursue collaborative research and develop capacity in clinical, population health and health services research.	Centres of Research Excellence	16-NOV-16	30-NOV-16

DECEMBER			
Funder	Scheme	Internal Close	External Close
<a href="#">NHMRC</a> Create partnerships among decision makers, policy makers, managers, clinicians and researchers. This funding scheme provides funding and support to create new opportunities for researchers and policy makers to work together to define research questions, undertake research, interpret the findings and implement the findings into policy and practice.	Partnership Projects - Peer Review Cycle (PRC) #2	23-NOV-16	07-DEC-16
<a href="#">BUPA Health Foundation</a> Innovative replicable interventions and projects that empower people to either prevent or better manage health conditions or empower people to use health education and engagement to tackle health risk factors and promote healthy lifestyle habits. \$100,000-\$500,000   3 years	Foundation Grants Program		

## CANCER

OCTOBER			
Funder	Scheme	Internal Close	External Close
<a href="#">Cancer Research Institute</a> The CRI Irvington Postdoctoral Fellowship Program supports qualified young scientists at leading universities and research centers around the world who wish to receive training in cancer immunology. \$55,000   3 years	CRI Irvington Postdoctoral Fellowship Program	19-SEP-16	03-OCT-16
<a href="#">Worldwide Cancer Research</a> Support research that might in future help reduce the incidence of cancer or improve cancer survival. We award grants to support fundamental or translational research into the causes, mechanisms, diagnosis, treatment or prevention of cancer. £250,000   3 years	Research Grant	14-OCT-16	28-OCT-16

## NOVEMBER

Funder	Scheme	Internal Close	External Close
<a href="#">Cancer Research Institute</a> CLIP Grants provide funding for qualified scientists who are working to explore clinically relevant questions aimed at improving the effectiveness of cancer immunotherapies. \$100,000   2 years	Clinic & Laboratory Integration Program (CLIP)	18-OCT-16	01-NOV-16

## NON-COMMUNICABLE DISEASES

OCTOBER			
Funder	Scheme	Internal Close	External Close
<a href="#">Spinal Cord Injury Network</a> To help emerging researchers, clinicians, postgraduate students, people with a spinal cord injury, and people working in the spinal cord injury community, to attend conferences to increase communication and collaboration within the field. \$1,000-\$2,000	Travel	30-SEP-16	14-OCT-16
<a href="#">Motor Neurone Disease Association</a> The programme aims to support research aimed at understanding the causes of MND, elucidating disease mechanisms and facilitating the translation of therapeutic strategies from the laboratory to the clinic. £85,00   3 years	Biomedical Research Project Grants	14-OCT-16	28-OCT-16

## POPULATION HEALTH

### OCTOBER

Funder	Scheme	Internal Close	External Close
<a href="#">Fondation René Touraine</a> Awarded to encourage exchanges and international collaboration between research laboratories or clinical departments. Pre- or post- doctoral research fellows and dermatologists may apply. Must involve at least one European laboratory. €4,500-€18,000	Fellowships	17-SEP-16	01-OCT-16
<a href="#">Economic &amp; Social Research Council &amp; National Society for the Prevention of Cruelty to Children</a> The aim of this research programme is to increase the evidence base about what kinds of therapeutic or social intervention work for which children with experience of abuse and when; how to identify children whose mental health is vulnerable; and how to identify the things that make others more resilient.	What Helps Children Get Back on Track After Abuse?	23-SEP-16	07-OCT-16
<a href="#">Society for Reproductive Biology</a> To fund the travel of an Early Career Researcher to the institution of another Early Career Researcher for the purpose of planning joint research and/or the conduct of preliminary experiments or to allow the training of an Early Career Researcher by another (for example in a technique). Funding is for travel within Australia or New Zealand.	Early Career Researchers Collaborative Research Travel Awards	17-OCT-16	31-OCT-16

### NOVEMBER

Funder	Scheme	Internal Close	External Close
<a href="#">Louis Bonduelle Foundation</a> The Louis Bonduelle Research Award is aimed at all young researchers aged under 35 that are enrolled in higher education establishments or schools investigating the areas of nutrition and eating habits, in all scientific fields. €10,000	Louis Bonduelle Research Award (FR)	24-OCT-16	07-NOV-16

### DECEMBER

Funder	Scheme	Internal Close	External Close
<a href="#">The Ian Potter Foundation</a> The main priorities of the program are to promote good health for all Australians and improve outcomes for people living with disability. Research and development in public health and preventative medicine initiatives are an important part of this program.	Health & Disabilities Program	25-NOV-16	09-DEC-16

## PUBLICATIONS

Publications authored by UNSW Paediatrics academics, conjoints, & students from July 2016 and available online.

If your publication is available online but is missing from these pages, please email [Samantha McFedries](mailto:Samantha.McFedries@unsw.edu.au)

### CANCER

Attiyeh, E.F., Maris, J.M., **Lock, R.**, Reynolds, C.P., Kang, M.H., Carol, H., Gorlick, R., Kolb, E.A., Keir, S.T., Wu, J., Landesman, Y., Shacham, S., Lyalin, D., Kurmasheva, R.T., Houghton, P.J., Smith, M.A. (2016) Pharmacodynamic and genomic markers associated with response to the XPO1/CRM1 inhibitor selinexor (KPT-330): A report from the pediatric preclinical testing program. *Pediatric Blood and Cancer*, 63 (2): 276-286.

☐ Cancer ☐ CCI

Bingul, M., Tan, O., Gardner, C.R., **Sutton, S.K., Arndt, G.M., Marshall, G.M., Cheung, B.B.**, Kumar, N., Black, D.S. (2016) Synthesis, characterization and anti-cancer activity of hydrazide derivatives incorporating a quinoline moiety. *Molecules*, 21 (7): art. no. 916.

☐ Cancer ☐ CCI ☐ KCC

Bogg, T.F., Shaw, P.J., **Cohn, R.J., Wakefield, C.E.**, Hardy, L.L., Broderick, C., Naumann, F. (2016) Physical activity and screen-time of childhood haematopoietic stem cell transplant survivors. *Acta Paediatrica*, 104 (10): e455-e459.

☐ Cancer ☐ KCC

Chang, W., Brohl, A.S., Patidar, R., Sindiri, S., Shern, J.F., Wei, J.S., Song, Y.K., Yohe, M.E., Gryder, B., Zhang, S., Calzone, K.A., Shivaprasad, N., Wen, X., Badgett, T.C., Miettinen, M., Hartman, K.R., League-Pascual, J.C., **Trahair, T.N.**, Widemann, B.C., Merchant, M.S., Kaplan, R.N., Lin, J.C., Khan, J. (2016) Multidimensional clinomics for precision therapy of children and adolescent young adults with relapsed and refractory cancer: A report from the center for cancer research. *Clinical Cancer Research*, 22 (15): 3810-3820.

☐ Cancer ☐ KCC

**Cohen, J.E., Wakefield, C.E., Cohn, R.J.** (2016) Nutritional interventions for survivors of childhood cancer. *Cochrane Database of Systematic Reviews*, 2016 (8), art. no. CD009678.

☐ Cancer ☐ KCC

**Cohen, J., Wakefield, C.E., Laing, D.G.** (2016) Smell and taste disorders resulting from cancer and chemotherapy. *Current Pharmaceutical Design*, 22 (15): 2253-2263.

☐ Cancer ☐ KCC

Costa, D.S.J., Dieng, M., Cust, A.E., Butow, P.N., **Kasparian, N.A.** (2016) Psychometric properties of the Fear of Cancer Recurrence Inventory: an item response theory approach. *Psycho-Oncology*: 832-838.

☐ Cancer ☐ Medical Psychology

**Ellis, S.J., Wakefield, C.E., McLoone, J.K., Robertson, E.G., Cohn, R.J.** (2016) Fertility concerns among child and adolescent cancer survivors and their parents: A qualitative analysis. *Journal of Psychosocial Oncology*. Article in Press.

☐ Cancer ☐ KCC

**Fife, C.M., Sagnella, S.M., Teo, W.S., Po'uha, S.T., Byrne, F.L., Yeap, Y.Y.C., Ng, D.C.H., Davis, T.P., McCarroll, J.A.,**

**Kavallaris, M.** (2016) Stathmin mediates neuroblastoma metastasis in a tubulin-independent manner via RhoA/ROCK signaling and enhanced transendothelial migration. *Oncogene*. Article in Press.

☐ Cancer ☐ CCI

Jones, L., Carol, H., Evans, K., Richmond, J., Houghton, P.J., Smith, M.A., **Lock, R.B.** (2016) A review of new agents evaluated against pediatric acute lymphoblastic leukemia by the Pediatric Preclinical Testing Program. *Leukemia*. Article in Press.

☐ Cancer ☐ CCI

Kang, M.H., Reynolds, C.P., Kolb, E.A., Gorlick, R., Carol, H., **Lock, R.**, Keir, S.T., Maris, J.M., Wu, J., Lyalin, D., Kurmasheva, R.T., Houghton, P.J., Smith, M.A. (2016) Initial Testing (Stage 1) of MK-8242-A Novel MDM2 Inhibitor-by the Pediatric Preclinical Testing Program. *Pediatric Blood and Cancer*, 63 (10): 1744-1752.

☐ Cancer ☐ CCI

**Kasparian, N.A.**, Mireskandari, S., Butow, P.N., Dieng, M., Cust, A.E., Meiser, B., Barlow-Stewart, K., Menzies, S., Mann, G.J. (2016) "Melanoma: Questions and Answers." Development and evaluation of a psycho-educational resource for people with a history of melanoma. *Supportive Care in Cancer*, 1-11.

☐ Cancer ☐ Medical Psychology

Lopes, B.A., Meyer, C., Barbosa, T.C., Stadt, U., Horstmann, M., Venn, N.C., Heatley, S., White, D.L., **Sutton, R.**, Pombo-de-Oliveira, M.S., Marschalek, R., Emerenciano, M. (2016) COBL is a novel hotspot for IKZF1 deletions in childhood acute lymphoblastic leukemia. *Oncotarget*, 7 (33): 53064-53073.

☐ Cancer ☐ CCI

Maude, S.L., Dolai, S., Delgado-Martin, C., Vincent, T., Robbins, A., Selvanathan, A., Ryan, T., Hall, J., Wood, A.C., Tasian, S.K., Hunger, S.P., Loh, M.L., Mullighan, C.G., Wood, B.L., Hermiston, M.L., Grupp, S.A., **Lock, R.B.**, Teachey, D.T. (2016) Efficacy of JAK/STAT pathway inhibition in murine xenograft models of early T-cell precursor (ETP) acute lymphoblastic leukemia. *Blood*, 125 (11): 1759-1767.

☐ Cancer ☐ CCI

O'Brien, R., Tran, S.L., Maritz, M.F., **Liu, B.**, Kong, C.F., Purgato, S., Yang, C., **Murray, J.**, Russell, A.J., Flemming, C.L., Von Jonquieres, G., Pickett, H.A., London, W.B., **Haber, M.**, Gunaratne, P.H., **Norris, M.D.**, Perini, G., **Fletcher, J.I., MacKenzie, K.L.** (2016) MYC-driven neuroblastomas are addicted to a telomerase-independent function of dyskerin. *Cancer Research*, 76 (12): 3604-3617.

☐ Cancer ☐ CCI

Parker, A.L., Turner, N., **McCarroll, J.A., Kavallaris, M.** (2016)  $\beta$ III-Tubulin alters glucose metabolism and stress response signaling to promote cell survival and proliferation in glucose-starved non-small cell lung cancer cells. *Carcinogenesis*, 37 (8): 787-798.

☐ Cancer ☐ CCI

Richmond, J., Robbins, A., Evans, K., Beck, D., Kurmasheva, R.T., Billups, C.A., Carol, H., Heatley, S., **Sutton, R., Marshall, G.M.**, White, D., Pimanda, J., Houghton, P.J., Smith, M.A., **Lock, R.B.** (2016) Acute sensitivity of Ph-like acute lymphoblastic leukemia to the SMAC-mimetic birinapant. *Cancer Research*, 76 (15): 4579-4591.

☐ Cancer ☐ CCI ☐ KCC

Smith, A.M., Dun, M.D., Lee, E.M., Harrison, C., Kahl, R., Flanagan, H., Panicker, N., Mashkani, B., Don, A.S., Morris, J., Toop, H., **Lock, R.B.**, Powell, J.A., Thomas, D., Guthridge, M.A., Moore, A., Ashman, L.K., Skelding, K.A., Enjeti, A.,

## NON-COMMUNICABLE DISEASES

Verrills, N.M. (2016) Activation of protein phosphatase 2A in FLT3+ acute myeloid leukemia cells enhances the cytotoxicity of FLT3 tyrosine kinase inhibitors. *Oncotarget*, 7 (30): 47465-47478.

☐ Cancer ☐ CCI

Somers, K., Chudakova, D.A., Middlemiss, S.M.C., **Wen, V.W.**, Clifton, M., Kwek, A., Liu, B., Mayoh, C., Bongers, A., Karsa, M., Pan, S., Cruikshank, S., Scandlyn, M., Hoang, W., Imamura, T., Kees, U.R., Gudkov, A.V., Chernova, O.B., **Haber, M., Norris, M.D., Henderson, M.J.** (2016) CCI-007, a novel small molecule with cytotoxic activity against infant leukemia with MLL rearrangements. *Oncotarget*, 7 (29): 46067-46087.

☐ Cancer ☐ CCI

**Sutton, S.K., Carter, D.R., Kim, P.**, Tan, O., Arndt, G.M., Zhang, X.D., Baell, J., Noll, B.D., Wang, S., Kumar, N., McArthur, G.A., **Cheung, B.B., Marshall, G.M.** (2016) A novel compound which sensitizes BRAF wild-type melanoma cells to vemurafenib in a TRIM16-dependent manner. *Oncotarget*, 7 (32): 52166-52178.

☐ Cancer ☐ CCI ☐ KCC

Teo, J., **McCarroll, J.A.**, Boyer, C., Youkhana, J., Sagnella, S.M., Duong, H.T.T., Liu, J., Sharbeen, G., Goldstein, D., Davis, T.P., **Kavallaris, M., Phillips, P.A.** (2016) A Rationally Optimized Nanoparticle System for the Delivery of RNA Interference Therapeutics into Pancreatic Tumors in Vivo. *Biomacromolecules*, 17 (7): 2337-2351.

☐ Cancer ☐ CCI

**Vittorio, O., Brandl, M.**, Cirillo, G., Kimpton, K., Hinde, E., Gaus, K., Yee, E., Kumar, N., Duong, H., **Fleming, C., Haber, M., Norris, M.**, Boyer, C., **Kavallaris, M.** (2016) Dextran-Catechin: An anticancer chemically-modified natural compound targeting copper that attenuates neuroblastoma growth. *Oncotarget*, 7 (30): 47479-47493.

☐ Cancer ☐ CCI

**Vittorio, O.**, Cojoc, M., Curcio, M., Spizzirri, U.G., Hampel, S., Nicoletta, F.P., Iemma, F., Dubrovskaya, A., **Kavallaris, M.**, Cirillo, G. (2016) Polyphenol Conjugates by Immobilized Laccase: The Green Synthesis of Dextran-Catechin. *Macromolecular Chemistry and Physics*, 217 (13): 1488-1492.

☐ Cancer ☐ CCI

**Wakefield, C.E.**, Hanlon, L.V., Tucker, K.M., Patenaude, A.F., **Signorelli, C., McLoone, J.K., Cohn, R.J.** (2016) The psychological impact of genetic information on children: A systematic review. *Genetics in Medicine*, 18 (8): 755-762.

☐ Cancer ☐ KCC

Wang, X., Gook, D.A., Walters, K.A., **Anazodo, A., Ledger, W.L., Gilchrist, R.B.** (2016) Improving fertility preservation for girls and women by coupling oocyte in vitro maturation with existing strategies. *Women's Health*, 12 (3): 275-278.

☐ Cancer ☐ KCC

White, V., Daly, C., **Anazodo, A.**, Bibby, H., Orme, L.M., Pinkerton, R., Pole, J.D., Thompson, K., Nathan, P.C., Baxter, N.N. and Gupta, S. (2016) The Australian-Canadian Adolescent and Young Adult Collaborative Cohort Initiative: Initial Meeting Report. *Journal of Adolescent and Young Adult Oncology*.

☐ Cancer

Caleshu, C., **Kasparian, N.A.**, Edwards, K.S., Yeates, L., Semsarian, C., Perez, M., Ashley, E., Turner, C.J., Knowles, J.W., Ingles, J. (2016) Interdisciplinary psychosocial care for families with inherited cardiovascular diseases. *Trends in Cardiovascular Medicine*. Article in Press.

☐ Medical Psychology ☐ Cardiology

Celermajer, D., Strange, G., Cordina, R., Selbie, L., Sholler, G., Winlaw, D., Alphonso, N., Justo, R., Nicholae, M., **Kasparian, N.**, Weintraub, R.G., Cheung, M., Grigg, L.E., Brizard, C.P., Wheaton, G., Disney, P., Stewart, S., Bullock, A., Ramsay, J., Gentles, T., d'Udekem, Y. (2016) Congenital Heart Disease Requires a Lifetime Continuum of Care: A call for a Regional Registry. *Heart Lung and Circulation*. Article in Press.

☐ Medical Psychology ☐ Cardiology

Kaakoush, N.O., **Day, A.S., Leach, S.T., Lemberg, D.A.**, Mitchell, H.M. (2016) Reduction in Gut Microbial Diversity as a Mechanism of Action of Exclusive Enteral Nutrition. *American Journal of Gastroenterology*, 111 (7): 1033.

☐ Gastroenterology

**Kasparian, N.A.**, Winlaw, D.S., Sholler, G.F. (2016) "Congenital heart health": How psychological care can make a difference. *Medical Journal of Australia*, 205 (3): 104-107.

☐ Medical Psychology ☐ Cardiology

**Marokakis, S., Kasparian, N.A., Kennedy, S.E.** (2016) Prenatal counselling for congenital anomalies: a systematic review. *Prenatal Diagnosis*, 36 (7): 662-671.

☐ Medical Psychology ☐ Cardiology ☐ Nephrology

McDonald, H.M., Sherman, K.A., Petocz, P., Kangas, M., Grant, K.-A., **Kasparian, N.A.** (2016) Mindfulness and the Experience of Psychological Distress: the Mediating Effects of Emotion Regulation and Attachment Anxiety. *Mindfulness*, 7 (4): 799-808.

☐ Medical Psychology

Walker, K., Loughran-Fowlds, A., Halliday, R., **Holland, A.J.**, Stewart, J., Sholler, G.F., Winlaw, D.S., Badawi, N. (2016) Developmental outcomes at 3 years of age following major non-cardiac and cardiac surgery in term infants: A population-based study. *Journal of Paediatrics and Child Health*, 51 (12): 1221-1225.

☐ Cardiology ☐ Surgery

## POPULATION HEALTH

Agho, K.E., Ogeleka, P., Ogbo, F.A., Ezech, O.K., **Eastwood, J.**, Page, A. (2016) Trends and predictors of prelacteal feeding practices in Nigeria (2003-2013). *Nutrients*, 8 (8): art no. 462.

☐ Neonatology ☐ Community Child Health

**Eastwood, J.G.**, Kemp, L.A., Jalaludin, B.B. (2016) Realist theory construction for a mixed method multilevel study of neighbourhood context and postnatal depression. *SpringPlus*, 5 (1): art no. 1081.

☐ Neonatology ☐ Community Child Health

**Homaira, N., Mallitt, K.-A., Oei, J.-L.**, Hilder, L., Bajuk, B., **Lui, K.**, Rawlinson, W., Snelling, T., **Jaffe, A.** (2016) Risk factors associated with RSV hospitalisation in the first 2 years of life, among different subgroups of children in NSW: A whole-of-population-based cohort study. *BMJ Open*, 6 (6): art no. 011398.

☐ Epidemiology ☐ Respiratory ☐ Neonatology

Hong, T., **Bolisetty, S.**, Bajuk, B., Abdel-Latif, M., **Oei, J.**, **Jaffe, A.**, **Lui, K.** (2016) A population study of respiratory rehospitalisation in very preterm infants in the first 3 years of life. *Journal of Paediatrics and Child Health*, 52 (7): 715-721.

☐ Neonatology ☐ Respiratory

Kong, J.Y., **Yeo, K.T.**, Abdel-Latif, M.E., Bajuk, B., **Holland, A.J.A.**, **Adams, S.**, **Jiwane, A.**, Heck, S., Yeong, M., **Lui, K.**, **Oei, J.L.** (2016) Outcomes of infants with abdominal wall defects over 18 years. *Journal of Pediatric Surgery*. Article in Press.

☐ Neonatology ☐ Surgery

MacIntyre, C.R., Shaw, P., **Mackie, F.E.**, Boros, C., Marshall, H., Barnes, M., Seale, H., **Kennedy, S.E.**, Moa, A., Hayen, A., Chughtai, A.A., O'Loughlin, E.V., Stormon, M. (2016) Immunogenicity and persistence of immunity of a quadrivalent Human Papillomavirus (HPV) vaccine in immunocompromised children. *Vaccine*, 34 (36): 4343-4350.

☐ Immunology ☐ Nephrology ☐ Public Health

Martin, L.J., Sjörs, G., Reichman, B., Darlow, B.A., Morisaki, N., Modi, N., Bassler, D., Mirea, L., Adams, M., Kusuda, S., **Lui, K.**, Feliciano, L.S., Håkansson, S., Isayama, T., Mori, R., Vento, M., Lee, S.K., Shah, P.S. (2016) Country-Specific vs. Common Birthweight-for-Gestational Age References to Identify Small for Gestational Age Infants Born at 24–28 weeks: An International Study. *Paediatric and Perinatal Epidemiology*, 30 (5): 450-461.

☐ Neonatology

**Mulligan, C.S.**, **Adams, S.**, Brown, J. (2016) Paediatric injury from indoor trampoline centres. *Injury Prevention*. Article in Press.

☐ Trauma

Nathanson, D., **Woolfenden, S.**, **Zwi, K.** (2016) Is there a role for paediatric Sexual Assault Nurse Examiners in the management of child sexual assault in Australia? *Child Abuse and Neglect*, 59: 13-25.

☐ Community Child Health

## RARE DISEASES & GENOMICS

Brewer, M.H., Chaudhry, R., Qi, J., Kidambi, A., Drew, A.P., Menezes, M.P., Ryan, M.M., **Farrar, M.A.**, **Mowat, D.**, Subramanian, G.M., Young, H.K., Zuchner, S., Reddel, S.W., Nicholson, G.A., Kennerson, M.L. (2016) Whole Genome Sequencing Identifies a 78 kb Insertion from Chromosome 8 as the Cause of Charcot-Marie-Tooth Neuropathy CMTX3. *PLoS Genetics*, 12 (7): art no. e100617716.

☐ Genetics ☐ Neurology

Chang, F.C.F., Westenberger, A., Dale, R.C., Smith, M., Pall, H.S., Perez-Dueñas, B., Grattan-Smith, P., Ouvrier, R.A., Mahant, N., Hanna, B.C., Hunter, M., Lawson, J.A., Max, C., **Sachdev, R.**, Meyer, E., Crimmins, D., Pryor, D., Morris, J.G.L., Münchau, A., Grozeva, D., Carss, K.J., Raymond, L., Kurian, M.A., Klein, C., Fung, V.S.C. (2016) Phenotypic insights into ADCY5-associated disease. *Movement Disorders*, 31 (7): 1033-1040.

☐ Genetics

**Chew, K.**, **Carey, K.**, **Ho, G.**, **Mallitt, K.-A.**, **Widger, J.**, **Farrar, M.** (2016) The relationship of body habitus and respiratory function in Duchenne muscular dystrophy. *Respiratory Medicine*, 119: 35-40.

☐ Neurology ☐ Respiratory

Goel, D., **Oei, J.L.**, Shand, A.W., **Mowat, D.**, Loo, C. (2016) FOXF1 gene mutation in alveolar capillary dysplasia associated with Hirschsprung's disease and clinical review. *Journal of Paediatrics and Child Health*, 52 (7): 787-788.

☐ Neonatology ☐ Genetics

Hanxhiu, A., McKay, K., **Singh-Grewal, D.**, Fitzgerald, D.A. (2016) Question 10: Could the Burden of Care with Cystic Fibrosis Impact on Educational Outcomes? *Paediatric Respiratory Reviews*. Article in Press.

☐ Rheumatology ☐ Respiratory

Jenkins, D., Mccuaig, C., Drolet, B.A., Siegel, D., **Adams, S.**, **Lawson, J.A.**, **Wargon, O.** (2016) Tuberous Sclerosis Complex Associated with Vascular Anomalies or Overgrowth. *Pediatric Dermatology*. Article in Press.

☐ Dermatology ☐ Surgery ☐ Neurology

Kaakoush, N.O., Pickford, R., **Jaffe, A.**, **Ooi, C.Y.** (2016) Is there a role for stool metabolomics in cystic fibrosis? *Pediatrics International*, 58 (8): 808-811.

☐ Gastroenterology ☐ Respiratory

Lobachevsky, P., Woodbine, L., Hsiao, K.-C., Choo, S., Fraser, C., **Gray, P.**, Smith, J., Best, N., Munforte, L., Korneeva, E., Martin, R.F., Jeggo, P.A., Martin, O.A. (2016) Evaluation of severe combined immunodeficiency and combined immunodeficiency pediatric patients on the basis of cellular radiosensitivity. *Journal of Molecular Diagnostics*, 17 (5): 560-575.

☐ Genetics ☐ Immunology

Ma, C.S., Wong, N., Rao, G., Nguyen, A., Avery, D.T., Payne, K., Torpy, J., O'Young, P., Deenick, E., Bustamante, J., Puel, A., Okada, S., Kobayashi, M., Martinez-Barricarte, R., Elliott, M., Kilic, S.S., Baghdadi, J.E., Minegishi, Y., Bousfiha, A., Robertson, N., Hambleton, S., Arkwright, P.D., French, M., Blincoe, A.K., Hsu, P., Campbell, D.E., Stormon, M.O., Wong, M., Adelstein, S., Fulcher, D.A., Cook, M.C., Stepensky, P., Boztug, K., Beier, R., Ikinçioğullari, A., **Ziegler, J.B.**, **Gray, P.**, Picard, C., Boisson-Dupuis, S., Phan, T.G., Grimbacher, B., Warnatz, K., Holland, S.M., Uzel, G., Casanova, J.-L., Tangye, S.G. (2016) Unique and shared signaling pathways cooperate to regulate the differentiation of human CD4<sup>+</sup>T cells into distinct effector subsets. *Journal of Experimental Medicine*, 213 (8): 1589-1608.

☐ Genetics ☐ Immunology

Nakayama, A., Tunnicliffe, D.J., Thakkar, V., **Singh-Grewal, D.**, O'Neill, S., Craig, J.C., Tong, A. (2016) Patients' perspectives and experiences living with systemic sclerosis: A systematic review and thematic synthesis of qualitative studies. *Journal of Rheumatology*, 43 (7): 1363-1375.

☐ Rheumatology

**Palmer, E.E.**, Jarrett, K.E., **Sachdev, R.K.**, Al Zahrani, F., Hashem, M.O., Ibrahim, N., **Sampaio, H.**, **Kandula, T.**, Macintosh, R., Gupta, R. and Conlon, D.M. (2016) Neuronal deficiency of ARV1 causes an autosomal recessive epileptic encephalopathy. *Human Molecular Genetics*, p.ddw157.

☐ Genetics ☐ Neurology

**Perera, N.**, **Sampaio, H.**, **Woodhead, H.**, **Farrar, M.** (2016) Fracture in Duchenne Muscular Dystrophy: Natural History and Vitamin D Deficiency. *Journal of Child Neurology*, 31 (9): 1181-1187.

☐ Neurology ☐ Endocrinology

**Prentice, B.**, **Hameed, S.**, **Verge, C.F.**, **Ooi, C.Y.**, **Jaffe, A.**, **Widger, J.** (2016) Diagnosing cystic fibrosis-related diabetes: current methods and challenges. *Expert Review of Respiratory Medicine*, 10 (7): 799-811.

☐ Endocrinology ☐ Gastroenterology ☐ Respiratory

**Widger, J., Hameed, S., Ooi, C.Y., Verge, C.** (2016) Using HbA1c as a screening tool for Cystic Fibrosis Related Diabetes. *Journal of Cystic Fibrosis*, 15 (2): 263-264.

☒ Endocrinology ☒ Gastroenterology ☒ Respiratory

Wilson, R.P., Ives, M.L., Rao, G., Lau, A., Payne, K., Kobayashi, M., Arkwright, P.D., Peake, J., Wong, M., Adelstein, S., Smart, J.M., French, M.A., Fulcher, D.A., Picard, C., Bustamante, J., Boisson-Dupuis, S., **Gray, P.**, Stepensky, P., Warnatz, K., Freeman, A.F., Rossjohn, J., McCluskey, J., Holland, S.M., Casanova, J.-L., Uzel, G., Ma, C.S., Tangye, S.G., Deenick, E.K. (2016) STAT3 is a critical cell-intrinsic regulator of human unconventional T cell numbers and function. *Journal of Experimental Medicine*, 212 (6): 855-864.

☒ Genetics ☒ Immunology

School of Women's & Children's Health  
UNSW MEDICINE  
LEVEL 3, EMERGENCY WING,  
SYDNEY CHILDREN'S HOSPITAL  
HIGH STREET, RANDWICK NSW 2031 AUSTRALIA  
T: +61 (2) 9382 1799  
F: +61 (2) 9382 1401  
E: [s.mcfedries@unsw.edu.au](mailto:s.mcfedries@unsw.edu.au)  
W: <http://wch.med.unsw.edu.au>

UNSW ABN 57 195 873 179 | CRICOS Provider Code 00098G