



48TH ANNUAL  
TOW COAST ASSOCIATION  
HEALTH & MEDICAL RESEARCH  
EARLY CAREER AWARDS DAY

FRIDAY 11 NOVEMBER 2022  
SYDNEY CHILDREN'S HOSPITAL, JOHN BEVERIDGE LECTURE THEATRE

PROGRAM

7:45 am	Welcome Breakfast
8:45 am	Acknowledgement of Country and Introductory Remarks
9:00 am	Nurse/Midwife/Allied Health Division Presentations <i>Chair: Wayne Varndell</i> 9.00 <u>Ms Mary Mulcahy</u> (Nursing, Education, Workforce, Research, PoWH) <i>The Thrive Program: Healthy Brains for Healthcare Workers</i> 9.15 <u>Mr Peter Beshara</u> (Physiotherapy, PoWH) <i>Shoulder Pre-operative Exercise and Education (SPrEE) Program for Patients Awaiting Rotator Cuff Surgery: A Randomised Controlled Trial</i> 9.30 <u>Ms Lisa Sealey</u> (Nursing Research Unit, SCH) <i>Numbers without context; the limitations of restrictive practices data in CAMH</i> 9.45 <u>Ms Emma Stradling</u> (Shared Clinical Services, Speech Pathology, PoWH) <i>Determining the feasibility of a speech pathology-led flexible endoscopic evaluation of swallow (FEES) screening protocol to support early detection of late-stage dysphagia post radiation therapy for head and neck cancer.</i>
10:00 am	Morning Tea
10:30 am	Clinical Division Presentations <i>Chair: Arun Krishnan</i> 10.30 <u>Dr Didu Kariyawasam</u> (SCH and UNSW) <i>Newborn screening as an intervention for spinal muscular atrophy: the outcomes of a non-randomised cohort study.</i> 10.45 <u>Dr Fiona Li</u> (RHM) <i>Fractional CO2 laser for postmenopausal vaginal symptoms: a double- blind, randomized placebo-controlled trial</i> 11.00 <u>Mr Lloyd Chan</u> (NeuRA) <i>Smartwatch-based algorithms of walking stability for enabling large- scale prediction of health conditions and the evaluation of health improvement interventions</i> 11.15 <u>Mr Stephen Phu</u> (NeuRA) <i>The effects of optic flow on postural stability: influence of age and fall risk</i>
11:30 am	Poster Viewing and Judging over lunch
12:00 pm	Lunch

- 1:00 pm **Case Presentations**  
*Chair: Alessandro Zagami*
- 1.00 **Dr Trisha Parmar** (Newborn Care Centre, RHW)  
*Neonatal Eye Globe Rupture: A case report*
- 1.15 **Dr Yonatan Diamond** (Kids Cancer Centre, SCH)  
*Harnessing the power of patient-focused therapy to treat disease*
- 1.30 **Dr Frances Lee** (Department of Surgery, PoWH)  
*Best not to read the literature*
- 1.45 **Dr Aaron Gaekwad** (Institute of Neurological Sciences, PoWH)  
*A near death experience from a bad combination-  
An uncommon case of adult hypertension*

- 2:00 pm **Open Junior Research Division Presentations**  
*Chair: Marion Mateos*
- 2.00 **Dr Nasir Shah** (Department of Nephrology, PoWH, UNSW)  
*Developing a 3D-printed, patient specific in vitro model to replace animals in endothelial cell studies*
- 2.15 **Ms Anya Jensen** (Childrens' Cancer Institute)  
*Inhibition of the Cystine-Glutamate Transporter SLC7A11/xCT system increases sensitivity to platinum-based drugs in human lung cancer cell*
- 2.30 **Ms Emily Smelt** (Perinatal Imaging Research Group, RHW)  
*Evaluation of feto-placental perfusion in third trimester pregnancy using the index 3D-Fractional Moving Blood Volume*
- 2.45 **Ms Kate Lawler** (School of Women's and Children's Health, UNSW)  
*Impact of out-of-home care on risk of death in children with prenatal drug exposure - results of a 20-year follow-up of 1,816,381 children between 2001-2020*

3.00 pm **Afternoon Tea**

- 3.30 pm **Early Career Research Division Presentations**  
*Chair: Charles de Bock*
- 3.30 **Mr Jeremy Chung Bo Chiang** (Neurological Sciences, PoWH)  
*Neural changes on the surface of the eyes in patients with cancer treated with neurotoxic chemotherapy*
- 3.45 **Dr Aaminah Khan** (Children's Cancer Institute)  
*Dual targeting of histone chaperone FACT and BET bromodomain proteins as a therapeutic strategy for Diffuse Intrinsic Pontine Glioma (DIPG)*
- 4.00 **Ms Atqiya Aishah** (NeuRA)  
*Targeted combination therapy directed by endotypes to treat obstructive sleep apnoea*
- 4.15 **Dr Matthew Lennon** (Centre for Healthy Brain Ageing)  
*Dementia prevention using blood pressure control: An IPD meta-analysis of an international consortium*

4.30 pm **Prize Giving Ceremony**

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