

Final Program

Date: 10 am – 12 pm Monday 23 October 2023

Location: Online – Specific Zoom link for each session (see following pages)

Contact: Dr Akefe Isaac, MEDI7281 Course Coordinator - med.yr2projects@uq.edu.au

Estimated times only: allowing ~ 7 minutes for presentation, and ~3 minutes for questions (Total of 10 minutes per student**), and an additional 3 minutes for change over.*

Students must attend the entire session

**I will be monitoring the above email during the symposium so please send an email if you have any trouble joining a session and I should be able to help.*

If you have any problems logging into Zoom, kindly contact - med.yr2projects@uq.edu.au
or call Isaac - 0410546651; Di – 0439516342

Session 1: Biomedical Laboratory and Field Studies

Chairperson: Dr Joan Li

Zoom Link: <https://uqz.zoom.us/j/88195455159>

Time		Student Name	Project Title	Supervisors
a	10:03 am-10:20 am	Benjamin Cai & Eugene Choi	Dendritic Cells as Antigen-specific Tolerogenic Immunotherapy in Rheumatic Disease	Prof Ranjeny Thomas, Hanno Nel
b	10:23 am - 10:33 am	Viet Tran	Investigating Transfusion-Related Acute Lung Injury (TRALI) using Laboratory Models	Dr John-Paul Tung
c	10:36 am-10:46 am	Caitlin McGrath	A Randomised Controlled Trial of a Novel Therapeutic Strategy using Hydrogen Gas via Extracorporeal Membrane Oxygenation for Refractory Severe Acute Respiratory Distress Syndrome in a Sepsis Ovine Model -HYDRO RESCUE	Dr Keibun Liu
d	10:49 am - 10:59 am	Jade Graham	Development of an Ovine Model of Refractory Severe ARDS Requiring ECMO Support	Dr Keibun Liu
e	11:02 am - 11:12 am	Brett Berezowski	Expression of Complement Factor in Renal Cell Carcinoma	A/Prof David Vesey A/Prof Glenda Gobe
f	11:15 am - 11:25 am	Amit Sikder	Lifestyle Interventions to Manage and Prevent Type 2 Diabetes: Field-Based Research	Prof Genevieve Healy, Dr. Ana Goode

Session 2: Medical Education and Indigenous Health Research

Chairperson: A/Prof Alison Ledger

Zoom Link: <https://uqz.zoom.us/j/89688761165>

	Time	Student Name	Project Title	Supervisors
a	10:03 am - 10:13 am	Kamien Lam	Benefits of Online Visual Interactive Modules in Medical Education	Dr. Suja Pillai
b	10:16 am - 10:26 am	Ryan Simpson	s100 GP Prescribers Group Mentoring Pilot Evaluation	A/Prof Allyson Mutch, A/Prof Lisa Fitzgerald
c	10:29 am - 10:46 am	Charlotte Wirtz & David Ting	Opioid Replacement Therapy in General Practice	A/Prof Deborah Askew
d	10:49 am - 10:59 am	Louise Prickett	Bioethics & the Medical Student	A/Prof Bernadette Richards
e	11:02 am - 11:12 am	Mirha Girt	Exploratory Study on Media Portrayal of Monkeypox in Australia	Dr. Judith Dean
f	11:15 am - 11:25 am	Digby Simpson	Socioeconomic Inequalities in Health-related Quality of Life among Australian Adults: Explaining the Contribution of Disability	Dr Syed Afroz, Keramat, Namal, Balasooriya Mudiyansele
g	11:28 am - 11:38 am	Alyssa Susanto	Artificial Intelligence for Three-dimensional total Body Images in Australians with Skin of Colour	Professor Peter Soyer

Session 3: Biofabrication and Biological Models

Chairperson: Prof Di Eley

Zoom Link: <https://uqz.zoom.us/j/83770371579>

	Time	Student Name	Project Title	Supervisors
a	10:03 am-10:20 am	Stuart Hogan & Dong-Joo Lee	Making a Brain: Evaluation of 3D Printed and Cast Materials	Dr James Novak, Ms Kaecee Fitzgerald
b	10:23 am - 10:33 am	Nguyen Nhien	Development of a Low-cost Open-Source Microvascular Training Model	Dr Danilo Carluccio
c	10:36 am-10:46 am	Matthew Mckenzie	Developing a Semi-automated Workflow to Create 3D Custom Surgical Guides in Orthopaedic Surgery	Dr Deniz Erbulut
d	10:49 am - 10:59 am	Arnold Clever	Determining Pressure due to Subcutaneous Magnetic Implants to Prevent Pressure Injuries	Dr Danilo Carluccio
e	11:02 am - 11:12 am	Matthew Sellwood	Development of Patient-Matched Urology Training Models	Dr Rebecca Murray, Dr Georges Mehawed
f	11:15 am - 11:25 am	Hayley Finley	Biomechanics of Human Tissue	Ms Kyleigh Kriener, Prof Mark Midwinter
g	11:21 am - 11:31 am	Kate Sinclair	Biomechanical Properties of Human Cadaveric Tissue Preparations and 3D Modelling	Ms Kyleigh Kriener, Prof Mark Midwinter

Session 4: Emergency Medicine and Sleep Disorders

Chairperson: A/Prof Bernadette Richards

Zoom Link: <https://uqz.zoom.us/j/89337035594>

	Time	Student Name	Project Title	Supervisors
a	10:03 am - 10:13 am	Luke Waldie	Utilisation and Optimisation of Resuscitation and Trauma Bays in Emergency Departments	A/Prof Andrew Staib, Dr Rob Eley
b	10:16 am - 10:26 am	Beau Andrews	Cardiac Telemetry Prescription in Tertiary Hospitals	Dr Rae Donovan, Dr Rob Eley
c	10:29 am - 10:39 am	Katherine Wood	Toxic Seizures	A/Prof Katherine Isoardi, Dr Rob Eley
d	10:42 am - 10:52 am	Jia Yee Yang	Alcohol-related Presentations to an Emergency Department	Andy Wong
e	10:55 am - 11:05 am	Henry Cairns	Personal Mobility Devices – The Good and the Bad through the Lens of Emergency Medicine	Dr Rob Eley, Dr Georgia Livesay
f	11:08 am - 11:18 am	Henry Lin	Limit of Detection in the Emergency Department Trial (LEGEND): A Stepped Wedge Trial of a Clinical Decision Rule to Rule out Acute Myocardial Infarction	Prof Louise Cullen, A/Prof Jaimi Greenslade
g	11:21 am - 11:31 am	Mark Anderson	Understanding Parental Perceptions and Current Community Strategies for Sleep Problems in Children with Neurodevelopment Disorders	Dr Jasneek Chawla
h	11:34 am - 11:44 am	Grace Ngu	Understanding the Specialist Management of Sleep Problems in Children with Neurodevelopmental Disorders: A Modified-delphi Consensus Study”	Dr Jasneek Chawla

Session 5: Neuroscience and Cognitive Disorders

Chairperson: Ben Matthews

Zoom Link: <https://uqz.zoom.us/j/82990583149>

	Time	Student Name	Project Title	
a	10:03 am- 10:20 am	Andre Fisher & Saki Maehashi	Lipid Metabolism in Psychiatric Disorder	Dr Daniel Schweitzer
b	10:23 am - 10:33 am	Kirsty Smith	The Effect of Insulin Signalling on Dopamine Cell Development and Possible Clinical Implications	Prof Susannah Tye
c	10:36 am - 10:53 am	Yejee Kim & Hugh Winwood- Smith	Tracking Tau in Brain Cells	Prof Frederic Meunier, Parnayan Syed
d	10:56 am - 11:06 am	Michael D'Souza	Investigating Changes in Brain Structure associated with SARS-Cov-2 Infection in A Mouse Model of Long-COVID	Prof Frederic Meunier, Sevannah Ellis
e	11:09 am - 11:19 am	Karl Harm	Functional Neurological Disorder (FND) & Parkinson's Disease (PD) Cases Series and Review of the Literature	Dr. Alexander Lehn
f	11:22 am - 11:32 am	A-Jin Kim	Systematic Review on the Resting State fMRI in Parkinson's Disease and Cognitive Impairment	Dr Julia Jihyun Yang

Session 6: Brain Injury, Neurodevelopmental, and Vestibular Disorders

Chairperson: Dr Bruce Lister

Zoom Link: <https://uqz.zoom.us/j/83298440005>

	Time	Student Name	Project Title	Supervisors
a	10:03 am - 10:13 am	Jaime Bretherton	Assessment of Brain Connectivity after Acquired Brain Injury	Prof Karen Maria Barlow, Dr Prabha Ajjikuttira
b	10:16 am - 10:26 am	Lok Cheung	Assessment of Brain Connectivity after Acquired Brain Injury	Prof Karen Maria Barlow, Dr Prabha Ajjikuttira
c	10:29 am - 10:39 am	Madeline MacNamara	Neurodevelopmental Outcomes in Small for Gestational Age and Fetally Growth-Restricted Children	Dr Julie Wixey
d	10:42 am - 10:59 am	Hainian Yu & Harrigan Ryan	Neurodevelopmental Outcomes in Small for Gestational Age and Fetally Growth-Restricted Children	Dr Julie Wixey, Prof Paul Colditz
e	11:02 am - 11:12 am	Leena Akrapongpisak	Acute Factors as Predictors and Modifiers of Concussion Outcome: Insights from TRACK-TBI	Dr Fatima Nasrallah
f	11:15 am - 11:25 am	Joshua Steiner	Investigating the Role of IL-6 Signalling in Traumatic Brain Injury	A/Prof Jana Vukovic, Emily Willis
g	11:28 am - 11:38 am	Claudia Sullivan	Balance in the Brain & Body: Vestibular Dysfunction & Mechanisms in Clinical Medicine	Dr Trung Ngo, Dr Daniel Schweitzer

Session 7: Pain Management

Chairperson: Dr Tristan Wallis

Zoom Link: <https://uqz.zoom.us/j/82383548281>

	Time	Student Name	Project Title	Supervisors
a	10:03 am- 10:13 am	Daniel Strazzeri	Assessing the Efficacy of Cold Therapy as a Method of Reducing Pain and Opioid Consumption in the Acute Stage following Lumbar Fusion Surgery	A/Prof Paul Licina
b	10:16 am - 10:26 am	Wendy Zhao	Medication Burden Trends on Referral to Metro South Pain Rehabilitation Centre - A Retrospective Review of Patient-Reported Data	Dr Nicholas Aitcheson
c	10:29 am - 10:39 am	Zara Tse	Patient Perceptions of Pain Education Groups	Dr Nicholas Aitcheson
d	10:42 am - 10:52 am	Cheung Christy	Pain Medication Substitution Whilst on the Waiting List	Dr Nicholas Aitcheson
e	10:55 am - 11:12 am	Zachary Yenczek & Jianuo Xing	Effects of Benzodiazepines on Molecular Organisation of Synapses	Dr. Nela Durisic, Dr. Roger Marek

Session 8: Paediatric Oncology and Child Health Research

Chairperson: A/Prof Graham Leggatt

Zoom Link: <https://uqz.zoom.us/j/89702034862>

	Time	Student Name	Project Title	Supervisors
a	10:03 am - 10:13 am	Mia Wong	Psychosocial Interventions for Feeding Disorder in Children: A Scoping Review	Dr Jeanne Marshall, Dr Rebecca Packe
b	10:16 am - 10:26 am	Levi Matthews	A Prospective Case Series of Management of Tibial Shaft Fractures at Queensland Children's Hospital	A/Prof Christopher Carty
c	10:29 am - 10:39 am	Alicia Harasty	Understanding the Immune System in Children in Health and Cancer	Dr Zewen Kelvin Tuong, Prof Di Eley
d	10:42 am - 10:52 am	Randy Ramdial	Understanding the Immune System in Children in Health and Cancer	Dr. Zewen Kelvin Tuong
e	10:55 am - 11:05 am	Yuk Yee Charlotte Tsui	Understanding the Immune System in Children in Health and Cancer	Dr Zewen Kelvin Tuong, Prof Di Eley
f	11:08 am - 11:18 am	Don Dematagoda	Patient Reported Outcome Measures in Paediatric Orthopaedic Oncology	Dr Martin Lowe, Kylie Bradford
g	11:21 am - 11:31 am	Kate Dent	Comparing Patellofemoral Joint Kinematics between Dislocators and Control Groups	Dr Sheanna Maine Dr Martina Barzan

Session 9: Female Reproductive Health

Chairperson: Dr Tiana Gurney

Zoom Link: <https://uqz.zoom.us/j/87301330763>

	Time	Student Name	Project Title	Supervisors
a	10:03 am- 10:13 am	Maxine MacDermott-Opeskin	Systematic Review of Biofeedback Therapy and Pelvic Floor Physiotherapy for Diverticulitis	Dr Chris Gillespie
b	10:16 am - 10:26 am	Muyun Cao	Towards the Comparison of Pregnancy-associated Cancer with Age-matched non-pregnant-associated Cancer among Women in Australia: A Systematic Literature Review	Dr Susan Jordan, Penny Webb
c	10:29 am - 10:46 am	Elizabeth Au & Hasna Ramchandani	Analysing Quality of Life Data in a Breast Cancer Cohort	Prof Peter Simpson, Colleen Niland
d	10:49 am - 10:59 am	Junru Zhou	Novel Biomarkers in Breast Cancer	Prof Peter Simpson
e	11:02 am - 11:12 am	Lucas Pahl	Understanding the Relationships between Physical Activity and BMI with Premenstrual Syndrome (PMS) and Severe Period Pain (Dysmenorrhea)	Dr Gabriela Mena,

Session 10: Clinical Studies

Chairperson: Dr Rob Eley

Zoom Link: <https://uqz.zoom.us/j/81357572011>

	Time	Student Name	Project Title	Supervisors
a	10:03 am- 10:20 am	Peiyuan Liu & Kieran Power	Reducing Infectious Complications following Kidney Transplantation	Dr Samuel Chan
b	10:23 am - 10:33 am	Muath Shraim	Development of a Ranked List of Clinical and Lab-based Methods to Identify the Predominant Pain Mechanism that Explains an Individual's Persistence of Pain	Prof Paul Hodges
c	10:36 am- 10:46 am	Edward Heaney	Silicosis – Harnessing New Ideas to Conquer the Re-Emergence of an Ancient Lung Disease - The SHIELD Study	Prof Daniel Chambers
d	10:49 am - 10:59 am	Jack Bozier	Clinical Guideline Implementation for COPD	Prof Ian Yang, Dr Barbara Page
e	11:02 am - 11:12 am	Shou-Ci Liu	Advances in Therapeutics for Coeliac Disease	Dr Anuj Sehgal, Dr James Daveson
f	11:15 am - 11:25 am	Renee Curry	Evaluation of Quality of Life in Coeliac Disease Patients	Dr Anuj Sehgal