

Abstract Session 1**Thursday: 11:00-12:00****Grand Title: Communities & Connections****Room 1110: Health & Wellbeing****Presenter****University**

Mikaela Jacka

University of Wollongong

Hannah Gibbs

University of Wollongong

Vincent Yuan

Western Sydney University

Sophie Macklin

University of Queensland

Room 1140: Science & Environment**Presenter****University**

Elsa Kohane

University of Sydney

Lukian Adams

University of Sydney

Olivia Breen

University of Sydney

William Tanner

University of Sydney

Room 1080: Perception & Mind**Presenter****University**

Ashleigh Correa

Macquarie University

Isabella Gilbert

Macquarie University

Jubilee Sloane

Macquarie University

Georgia Acutt

University of the Sunshine Coast

Room 1100: Society & Culture**Presenter****University**

Olivia Williams

Australian Catholic University

Rebecca Hetherington

University of Notre Dame

Ryan Cheng

University of Sydney

Alexia Nastatos

Macquarie University

Title: Clinicians & Health Information

When your doctor is sick: attitudes towards General Practitioners with a chronic health condition

When your doctor is sick: comparing patient attitudes towards general practitioners with chronic mental illness versus chronic physical illness

Establishing trans-professional inclusive competencies for the emerging health workforce

Consumer health information flows in rural and remote healthcare settings in Australia

Title: Animals & the Environment

Multi-scale factors influencing bat box usage in urban reserves

Habitat quality and stream flow modulate the dispersal of Cherax destructor crayfish in an artificial stream

Effects of Invasive Weed Lantana Camara on Ant Assemblages and Seed Dispersal in Urban Ecosystems

Novel behaviours and urban adaptation: the exploitation of anthropogenic food subsidies by Sydney's birds

Title: Students & Intimacy

Sudden Gains in University Students During Digital Treatment for Anxiety and Depression.

Understanding University Student's Experiences of Learning About Sexual Consent: An Interpretative Phenomenological Analysis

Don't Stand So Close to Me: Effects of surrounding bodies on the perception of fat and muscularity

Conceptualisation, Development, and Preliminary Validation of the Narcissistic Abuse Inventory for Intimate Relationships

Title: Community & Wellbeing

International Students, Neglected in a Time of Crisis. Gaps in Assistance for Overseas Students in Pandemic Time.

The Politics of Drug Policy: Pill Testing and Penal Populism in New South Wales

Change for the better: Examining the alleviating effect of team proactive change management on employee burnout, withdrawal and performance

How Stressful can Studying really be? Exploring Associations between DGBIs and Academic Stress

Abstract Session 2

Thursday: 12:00-13:00

Grand Title: What Shapes Us?

Room 1110: Health & Wellbeing

Presenter

University

Nusrat Asad
University of Adelaide

Kyle McIndoe
Macquarie University

Camille Potier-Villette
University of Sydney

Title: Wellbeing & Public Health

Do cues to expertise affect belief in health claims?
Exploring the Effect of an Exercise Intervention on Doctoral Candidates
The immune diet: food for thought
Weight management in the perinatal period to prevent the adverse effects of maternal obesity on metabolic liver disease in the offspring

Room 1140: Science & Environment

Presenter

University

Amanda Purcell
University of Sydney

Amelie Read
University of Sydney

Ben Carew
University of Queensland

Leon Wiesner
University of Queensland

Celine Ogg
University of Queensland

Title: Space & Climate

Unravelling the History of the Milky Way with Gaia
Detecting dark matter through atomic ionisation
The identification of Foehn winds in Southeast Queensland and their potential impact on forest fires
The Mental Health Impacts of Climate Change: A Review of the Australian Policy Landscape

Room 1080: Perception & Mind

Presenter

University

Emma Gardiner
Macquarie University

Kate Quadrio
Macquarie University

Emily Deschacht
Macquarie University

Nora Holmes
Macquarie University

Title: Seeing & Believing

Body size perception contrast effects: A result of memory bias or perceptual encoding?
Spotting Imposters: Does feedback improve performance on unfamiliar face matching tasks?
Seeing Is Believing: The effect of visual exposure on perception of normal food portion size
Pink Polygon or Polygon and Pink: Differentiating conjunctions and relations in synaesthesia

Room 1100: Society & Culture

Presenter

University

Sarah Smith
University of Sydney

Antonina Stewart
University of Sydney

Amy Cheng
Australian National University

Title: Effects of COVID-19

The impact of public health interventions on population genomics of SARS-CoV-2
What is feedback anyway? Student perceptions of electronic feedback pre- and post- COVID-19.
Awareness growth during COVID-19: How do consequences shape our preferences?

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Poster Sessions

Thursday: 13:00-14:00 & Friday: 10:45-11:30

| Foyer | Presenter | University | Title: Shaping the Conversation |
|-------|--|--|--|
| | Akshaya Ramanathan Ashish Manchanda | University of Sydney Deakin University | "T cell Receptor Therapy" A promising alternative and personalised treatment for cancer IoT Methods for Determining Mask Fitness |
| | Benjamin Simmonds Emma Brown | University of Adelaide University of Sunshine Coast | To what extent do signifiers of expertise affect belief revision and sharing behaviour? Flying Under The Radar: The Case for Narcissistic Abuse in The Workplace |
| | Frank Fei | University of Sydney | Development, synthesis and characterisation of a self-setting and antibacterial injectable bone cement using bismuth-doped baghdadite for orthopaedic repair |
| | Gallifrey Lawler Jacob Lapin | University of Notre Dame Australia United Stated Military Academy | Changing the Narrative of Australian History: Using Art in Schools to Facilitate a Decolonised Future |
| | Jamilla Smith | Western University Sydney | The Modernization of Tzu: Strategic Understanding Across the Pacific Listen N Talk: language revitalisation and documentation in a phrase-based app |
| | Jessica Freund | University of Adelaide | Life Changing': The effect of autism assistance dogs on the wellbeing of autistic children and their families |
| | Melissa Ritchie | Australian National University | An investigation into the immune cell phenotypes that associate with cancer progression and treatment outcome. |
| | Paris Tsoukatos | Macquarie University | Symptom Severity and Appraisal of Functional Gastrointestinal Disorders: Role of Illness Schema |
| | Phoebe Schramko Rachel Tan | Macquarie University | Same same, but different: Understanding the task-dependent processes of the semantic priming effect with EEG. |
| | Victoria Lopez | Macquarie University | 'Trial by Google': Should Australia Keep Jury Trials in its Legal System? A Foucauldian Discourse Analysis of the Constructions of Autistic Females Within a "Love on the Spectrum" Discussion Forum |

| Abstract Session 3 | Friday: 11:30-12:45 | Grand Title: Neurons & Networks | |
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| Room 1110: Health & Wellbeing | Presenter | University | Title: Molecules, Cells & Genes (1) |
| | Darshwiin Indrawathan | University of Sydney | MYOD1-Myogenesis for RNA-Diagnostics of Muscle Genes in Undiagnosed Families |
| | Ethan Italiano | University of Sydney | Lysed Red Cells Obstruct Vessels in Ischemia-Reperfusion Injury Working towards diagnostic innovation for a life-threatening disease: transthyretin amyloidosis. |
| | Joanna New | University of Sydney | Deep phenotyping of multiple sclerosis patients' leukocyte subsets and extracellular vesicles |
| Room 1140: Science & Environment | Presenter | University | Title: Chemistry & Neural Networks |
| | Linda Lin | University of Sydney | Molecular predictors of unstable atherosclerotic plaque |
| | Holly Hughes | University of Sydney | Are inconsistent experimental reaction rates explained by a radical clock (mis)-calibration? A computational study of the trans-(2-phenylcyclopropyl)carbinyl radical clock |
| | Ariel Jones | University of Queensland | Investigating carbon calculators for use in PNG coffee production. |
| Room 1080: Perception & Mind | Presenter | University | Title: Perception & Pain |
| | Mikayla Hyland-Wood | Australian National University | Material Performance Prediction of Additively-manufactured Acrylonitrile Butadiene Styrene Using a Multiscale Analysis Approach |
| | Phan Nguyen | Western Sydney University | A distributed approach to improving the performance of low-bitwidth neural networks |
| | Dina Kazemi Beidokhti | University of Sydney | Training and Evaluating Deep Neural Networks for Cyclone Trajectory Prediction |
| Room 1100: Society & Culture | Presenter | University | Title: Technology & Social Media |
| | Jack Miller | Australian National University | Personality, altered consciousness, rest and relaxation: Understanding the rapidly emerging psychological phenomenon of ASMR. |
| | Kayley Zielinski-Nicolson | Macquarie University | Capitalising on Psychological Capital in Individuals with Chronic Pain |
| | Breanna Tory | University of Western Australia | A Kinder Response to Chronic Pain is Key - Investigating the role of Self-compassion Within the Fear Avoidance Model |
| Room 1100: Society & Culture | Presenter | University | Title: Technology & Social Media |
| | Jayden Lucas | University of Western Australia | "You're fine": Understanding the role of symptom invalidation in chronic physical health conditions |
| | Thomas Woldhuis | Macquarie University | Mechanisms Behind the Cognitive Bias of Performance in Social Anxiety Disorder. |
| | Teegan Gardner-Harrex | Macquarie University | Virtual Galleries and the Curation of Student Learning |
| Room 1100: Society & Culture | Presenter | University | Title: Technology & Social Media |
| | Mohamad Elzein | University of Sydney | Cyber-Bystander Behaviour at University: The Role of Empathy and Defending Self-Efficacy |
| | Naomi Fenton | Macquarie University | The use of Social Media in the Social Housing Sector |
| | Samanda Mularachchi | Western Sydney University | How Commercialised Social Media Platforms' Algorithms Constrain Social Movements and the Case of Online Cloth Nappy Communities |
| Room 1100: Society & Culture | Presenter | University | Title: Technology & Social Media |
| | Harley Nguyen Tran | Western Sydney University | Artificial agents in pick and place task |
| Room 1100: Society & Culture | Presenter | University | Title: Technology & Social Media |
| | Shanella-Joo Kang | Macquarie University | Artificial agents in pick and place task |

Abstract Session 4**Friday: 14:00-15:15****Grand Title: Inner Workings****Room 1110: Health & Wellbeing****Presenter****University**

Sophie Chiang

University of Queensland

Kevin Chang

University of Sydney

Michael Xie

University of Sydney

Jasmine Nguyen

University of Sydney, Centenary Institute

Amir Hashemi Pour

University of Sydney

Room 1140: Science & Environment**Presenter****University**

Alex He

University of Sydney

Irina Lotsaris

University of Sydney

Karen Tran

University of Sydney

Leyla Meharg

University of Sydney

Naomi Luo

University of Sydney

Room 1080: Perception & Mind**Presenter****University**

John Starkey

Macquarie University

Kavya Thakore

Macquarie University

Patricia Macabulos

Macquarie University

Sarrah Lorford-Mills

Macquarie University

Amber Bunting

Room 1100: Society & Culture**Presenter****University**

Julian Walker

Western Sydney University

Jasmine Sullivan

University of Newcastle

Leslie Tao

Australian National University

Yogashree Thirunavukarasu

Australian Catholic University

Pavani Subramaniam

Charles Sturt University

Title: Cancer & the Lungs

Exosomal CD73 Serves as a Potential Biomarker for Breast Cancer Diagnosis.

The Cross-talk between pancreatic cancer cell and Tumour Microenvironment.

Investigating Predictive Biomarkers in Adjuvant Immunotherapy Stage III Patients

Dipeptidyl Peptidase 9 - An Answer Behind Lung Disease Severity

The use of Transoesophageal Echocardiography in Fluoroless Pulmonary Vein Isolations

Title: Molecules, Cells & Genes (2)

Designing a novel gene-editing strategy combatting TERT-specific telomere biology disorders

Structure-based Discovery of GlyT2 Inhibitors for the Treatment of Neuropathic Pain

Investigating how Molecular Changes Influence Substrate Selectivity in the Glutamate Transporter (SLC1A) Family

Investigating means of avoiding the "8-cell block" during in vitro development of bovine embryos

Improved modelling of endothelial cell dysfunction in a 3D perfusion bioreactor

Title: Memory & Gestures

Does the Truth Lie in One's Gestures?

Gesturing for remembering: the impact of emotion and gesture on memory

Using Levels-based Training to Enhance Procedural Memory in a Category Learning Task

Do autistic traits and gestures impact narrative comprehension?

The Mechanisms of Mindfulness

Title: Society & the Individual

Incorporating Eighteenth Century America: Motives of Library Companies

Women, War and the Nazi Party: The Role of War-Related Traumas in Motivating Female Support for National Socialism

Attractive cosplay and asexualising the attractiveness: a qualitative interview with an aromantic asexual man about his cosplay story

How Systemic Racism Within The Australian Theatre Industry

Diminishes Artists of Colour Through Covert Biases

Understanding paramedics' experience of everyday racism in Australia