



SCHEDULE-AT-A-GLANCE

**WED
3 JULY**

9am Welcome

9:10am SESSION 1

11am Morning Tea

11:30am SESSION 2

1pm Lunch

2pm SESSION 3

3:30pm Afternoon Tea

3:45pm SESSION 4

5pm Event Close/Networking

LOCATIONS

Hobart:

MS2 Lecture Theatre (115)

Medical Science Precinct, 17 Liverpool St

Launceston:

Rory Spence VOS Construction Lecture Theatre (128)

The Workshop, Inveresk Campus

Burnie:

Seminar Rooms (238 & 241)

Field Building, Cradle Coast – West Park Campus

Sydney:

Seminar Room (117)

Building 105, Rozelle Campus

DETAILED PROGRAM

Time	Title	Presenter
9:00 – 9:10	Welcome	Graeme Zosky Associate Dean Research Performance
SESSION 1 (10-min talks)		
9:10 – 9:20	Chronic pain and risk of incident Parkinson’s disease: a 13-year longitudinal study	Fatemeh Vazirian
9:20 – 9:30	Selective vulnerability of neurofilament expressing neurons in frontotemporal dementia	Nina Daniels
9:30 – 9:40	Freezing MND in its tracks	Rachel Atkinson
9:40 – 9:50	Virtual nature/urban exposures and nature relatedness have interactive effects on brain activity, attention, mood, and heart rate variability	Cameron Bell
9:50 – 10:00	im writing 2 u :) The language of digital communication	Nenagh Kemp
10:00 – 10:10	Dementia risk literacy in older Australians: beyond knowledge	Claire Eccleston
10:10 – 10:20	Disability, health-related quality of life, and self-concept change in people with Multiple Sclerosis: A moderated mediation	Holly Emery
10:20 – 10:30	Psychological transformation following trauma: posttraumatic growth of birthing parents after preterm birth	Grace Fitzallen
SESSION 1 (2-min talks)		
10:30 – 11:00	Dream Big: detecting prodromal Parkinson’s disease by in-depth analysis of male and female dreaming	Samantha Bramich
	TAS Test: Identifying preclinical Alzheimer’s disease in older Tasmanian adults using AI-analysis of hand movements at home	Jane Alty
	Detection of subtle hand motor function impairment across the dementia continuum: Results from the ISLAND Cognitive Clinic, Tasmania	Kaylee Rudd
	Exploring the microglia-specific function of Nlr1 in the healthy adult brain	Surbhi Agarwal
	Deconstructing the impacts of CLN3 disease on the blood-brain barrier	Adelene Chiam Suk Leng
	Renshaw cell pathology in mouse models of ALS	Lyzette Matthews
	Investigating structural amygdala changes in the SOD1 G39A mouse model of Amyotrophic Lateral Sclerosis	Oliver Johnstone
	Using iPSCs to explore SARM1-dependent neurodegeneration	Jan Leng Cheng
	Subthreshold repetitive transcranial magnetic stimulation modulates structural synaptic plasticity in skilled motor learning	Ross Langley
	Investigation of NMDA effects on fear memory and neuronal plasticity	Sayed Koushik Ahamed
Influences and interventions: Understanding spelling decision-making through capitalisation	Emilia Hawkey	
11:00 – 11:30	MORNING TEA (including POSTER SESSION)	

DETAILED PROGRAM

Time	Title	Presenter
SESSION 2 (10-min talks)		
11:30 – 11:40	Understanding longitudinal patterns of service use and long-term outcomes for people who are high users of healthcare services: a Tasmanian data linkage study	Claire Morley
11:40 – 11:50	The Tasmanian Emergency Care Outcomes Registry	Viet Tran
11:50 – 12:00	Evaluation of the 2022-23 Tasmanian School Lunch Project	Kylie Smith
12:00 – 12:10	Get BusActive!: Protocol of a single-blinded randomised controlled trial incentivising public transport use for physical activity gain among young people and adults	Verity Cleland
12:10 – 12:20	Literacy and its relationship with mental health: insights from Australian speech pathologists	Amanda Neil
12:20 – 12:30	Becoming a first-time mother via a scheduled Caesarean section: A multi-method study	Lynette Bronwyn Staff
SESSION 2 (2-min talks)		
12:30 – 1:00	The association between socioeconomic position and diet quality in rural and regional Australian adults	Rebekah Pullen
	Stakeholder perspectives on allergy and anaphylaxis management in the Tasmanian School Lunch Project	Nicodemus Masila
	A Synthesis of HealthLit4Kids Findings: Stakeholder perspectives of a health literacy intervention delivered in Tasmanian Schools	Rosie Nash
	Examining three primary school curricula for their ability to promote health literacy development	Claire Otten
	Addressing community health: Local perceptions on the role of a Health Literacy Mediator	Maddie Spencer
	Removing nicotine from the lives of young people; using participatory approaches to work with young Tasmanians	Suzie Waddington
	Free nicotine replacement therapy and specialist support through community pharmacies: Pharmacists and smokers views of a pilot programme	Cheryn Coleman
	“If we stay at home, we become invisible” Navigating the inclusion of people with disabilities in a doctoral research project	Maria Hobbs
	Developing practical tools for identifying and supporting treatment-relevant cognitive dys/functions	Maria Bravo Aguilera
	Health Practitioner Motivational Postures: The application of motivational posture theory to health practitioner regulation	Alan Morrison
1:00 – 2:00	LUNCH (including POSTER SESSION)	

DETAILED PROGRAM

Time	Title	Presenter
SESSION 3 (10-min talks)		
2:00 – 2:10	Using CRISPR editing to correct inherited mutations in Bone Marrow Failure Syndromes	Kirsten Fairfax
2:10 – 2:20	Early die-back signatures in a die-forward model of ALS	Lorenzo Odierna
2:20 – 2:30	Investigating a novel hand-motor biomarker across the Dementia continuum: Incorporating and validating of TAS Test in the ISLAND Cognitive Clinic	Xinyi Wang
2:30 – 2:40	Detecting natural selection signatures in Multiple Sclerosis genetic variants using landscape genomics	Chaw Hsu Thwe
2:40 – 2:50	Exploring the cell biology of gene-environment interactions in ALS using Human iPSCs	Bryony Thorne
2:50 – 3:00	Development of a point-of-care field diagnostic test for DFT1 and DFT2	Anuk Kruawan
SESSION 3 (2-min talks)		
3:00 – 3:30	Sarcoptic mange in a Tasmanian devil (<i>Sarcophilus harrisi</i>) and Bennett's wallaby (<i>Notamacropus rufogriseus</i>)	Grace Russell
	Investigating the genetic cause of a novel syndrome consisting of paediatric cataract in an Australian family	Bibek Khatiwada
	A deep intronic deletion in the Nance-Horan gene causes isolated paediatric cataracts	Johanna Jones
	The Peri-Peri Project: Does placental pericyte dysfunction contribute to fetal growth restriction?	Jo-Maree Courtney
	Discovery of structural variation and tandem repeat expansions in a family with multiple sclerosis	James Slimmer
	The effect of rare high-risk gene variants on cellular function in multiple sclerosis	Natalie King
	Differing modes of epigenetic repression in the Drosophila brain revealed by large-scale Targeted DamID profiling and chromatin state analysis	Jake Newland
	Live-cell imaging of medulloblastoma cells investigating BRG1-regulated chromatin dynamics	Sophie Navickas
	Expression quantitative trait loci mapping of Trabecular Meshwork Cells at single cell resolution	Thomas Guinan
To die or not to die: What is the mechanism of excitotoxic axon degeneration in MND?	Andrew Phipps	
3:30 – 3:45	AFTERNOON TEA (including POSTER SESSION)	

DETAILED PROGRAM

Time	Title	Presenter
SESSION 4 (10-min talks)		
3:45 – 3:55	Exploiting bacterially-derived proteins in the fight against nontypeable Haemophilus influenzae	Brianna Atto
3:55 – 4:05	Body compassion, body image, and body self-consciousness in sexual functioning of individuals with Endometriosis	Leesa Van Niekerk
4:05 – 4:15	CKD.TASlink: using data linkage to report the (kidney) health of an island	Matthew Jose
4:15 – 4:25	Evaluating the effectiveness of the maximum permitted dose of Midazolam in seizure termination: Insights from New South Wales, Australia	Kristina Maximous
SESSION 4 (2-min talks)		
4:25 – 4:55	Meditation for the reduction of psycho-existential distress and anxiety in people with advanced cancer who are receiving palliative care (MEDITATEPallCare): Protocol for a multi-site, phase II mixed-methods feasibility study	Angela Rao-Newton
	Nurturing a community of practice to optimise nature connection for Tasmanians living with Dementia: A journey of development	Cassandra Thomson
	An online, public health framework supporting behaviour change to reduce dementia risk in Tasmanians over 50: Interim results from ISLAND (Island Study Linking Ageing and Neurodegenerative Disease)	Eddy Roccati
	'Infographing' Dementia prevention: A co-design approach	Ignacio Martinez Escobedo
	Intervening paths: A dual networks approach to modifiable dementia risk in healthy older adults	James Brady
	Genetic dissection of polygenic risk scores for cardiovascular disease following preeclampsia	Gayathry Krishnamurthy
	The genetic architecture of circulating retinol: biological insights and clinical implications	William Reay
	Serum levels of endogenous sex hormones are associated with chronic musculoskeletal pain	Zemene Demelash Kifle
	Biological sex, not age, alters skeletal muscle pericyte density in otherwise healthy mice	Emily Attrill
	DICKENS: A randomised controlled trial of diacerein for knee osteoarthritis	Dawn Aitken
	The Youth Vascular Consortium – a resource to understand early vascular ageing in children, adolescents, and young adults	Vimarsha Kodithuwakku
Regular insulin administration impacts skeletal muscle strength and body composition in sedentary healthy rats	Sophie Mayne	
4:55 – 5:00	Event Close	Anna King Deputy Associate Dean Research Performance
5:00 – 5:30	NETWORKING (attendees are invited to mingle)	



POSTERS

Title	Presenter
Comparative effectiveness of yoga and strengthening exercise for treating knee osteoarthritis: A randomised controlled trial (YOGA Trial)	Bedru Jemal Abafita
The NHMRC research impact indicators: Unveiling omissions and blind spots	Nizam Abdu
Identification of rare genetic variants associated with cardiovascular disease risk	Mustafa A. Ahmed
Evaluating the feasibility of the GLA: D® Australia Program within a Tasmanian public healthcare setting	Yoseph Merkeb Alamneh
Use of treatment strategies to improve sleep and their effect on sleep quality and daytime sleepiness amongst people with Multiple Sclerosis	Tadeg Jemere Amare
A scoping review of interdisciplinary management of persistent pelvic pain in women and gender diverse people	Cate Andrews
Understanding the healthcare needs of people living with pelvic pain	Cate Andrews
Change in composite scores of modifiable behavioural and clinical factors from childhood to adulthood and cardiometabolic outcomes in adulthood: a systematic review	Moges Assemie
Examining nuclear-encoded mitochondrial-associated gene expression in advanced prostate cancer	Jasmine Bacon
Splicing testing of crystallin gene variants in paediatric cataract	Isabelly Maria Barros de Lima
Dementia respite care training: is there a gap?	Azam Bazooband
Hiding in plain sight: Early identification of Parkinson's disease with movement analysis	Bill Bennett
Investigating the ability of health professionals to respond to the health literacy needs of health consumers	Marie-Louise Bird
Digital storytelling of dementia for healthcare students: working with lived experience experts to co-produce learning resources	Alison Canty
Enhancing wildlife conservation strategies: Using non-invasive fecal IgG profiling for GnRH vaccine efficacy monitor in sika deer	AiMei Chang
Primary care management of diabetes in a New Zealand context - learnings for Australia	Lynne Chepulis
Home blood pressure measurement... "it's so easy" ...to do wrong	Eleanor Clapham
Appropriateness of online resources for home blood pressure measurement: Resource alignment with guidelines, readability, and end-user involvement.	Eleanor Clapham
Investigating novel platform-mediated avoidance behaviours in female rats	Elise Cleary
Toward dementia risk reduction among low socioeconomic groups: A scoping review of interventions from OECD countries	Amy Coates
How safe is mountain bike riding? Understanding the health service impacts and risk factors for severe trauma in mountain biking	Gill Course
Preventing Adverse Drug Reactions in older Australians After Discharge (PADRAD)	Justin Cousins
Plastic ingestion induces proteomic signatures of multi-organ failure and neurodegeneration	Alix de Jersey
NFH Epitopes as Blood Biomarkers of MND and FTD utilising Ultrasensitive Simoa Technology	Laura De Paoli
A scoping review on instructions for proxy reporting by informal carers of adults for quality-of-life assessment	Henok Dagne Derso
Early-stage vs established knee osteoarthritis: A comparative study on changes in pain, function and quality of life after supervised exercise and education among 10,365 patients	Stan Drummen
Is this 'The Right Place'?	Shandell Elmer



POSTERS

Title	Presenter
Investigating the relationship between health literacy and cardiovascular diseases among Australian Adults and their families.	Nnamdi Esemé
Interventions to support individual health literacy related to cardiovascular health in children	Nnamdi Esemé
A new paradigm for equity in dementia prevention: social networks promote dementia risk reduction among hard-to-reach populations	Hannah Fair
Unravelling stress-related pathways related to Alzheimer's disease pathogenesis	Zane Farnum
The effect of pharmacist-led interventions on the appropriateness and clinical outcomes of anticoagulant therapy: A systematic review and meta-analysis	Belayneh Kefale Gelaw
Evaluation of the Live4Life Mental Health Education and Suicide Prevention Model in rural Tasmania	Laura Grattidge
The role of community-based suicide prevention in rural areas	Laura Grattidge
Associations between hearing loss, social isolation, and depression among individuals aged 50 and above in Tasmania, Australia	Mohammad Shoaib Hamrah
Chemical ischemia triggers the release of soluble PDGFR β from injured human brain pericytes in vitro	Lily Hayes
Evaluation of senior medical students' logbooks for learning activities associated with health advocacy	Nara Jones
Communities4Walkability: empowering the community through citizen science to determine priority actions to support walkability in rural towns	Kim Jose
Exploring how Tasmanian Nepali-speaking Bhutanese former refugees access health information and services.	Sharad Karki
MRI-derived abdominal adipose tissue is associated with multisite and widespread chronic pain	Zemene Demelash Kifle
Postpartum versus postnatal period: Do the name and duration matter?	Malith Kumarasinghe
Active School Commuting: A review of current evidence and future research implications	Ho Yeung Lam
"The course gives me confidence to think critically and challenge practices I see that are not evidence based": Postgraduate dementia students' translation of education into practice	Emma Lea
Reablement - Amplifying the voice of lived experience	Tanya Linden
Metabolic and inflammatory factors associated with chronic plantar heel pain	Wardah Hussain Malick
Activation of anconeus during isometric gripping in individuals with lateral elbow tendinopathy	Nagarajan Manickaraj
Where are legal smoking products sold in Tasmania?	Veronica Martin-Gall
Understanding the characteristics, similarities, and differences of people with high healthcare service utilisation defined by different criteria: a Tasmanian data linkage study	Deirdre McGowan
Body Compassion, Transgender Congruence, and Health-Related Quality of Life in Transgender and Gender Diverse (TGD) Individuals	Hannah McHardy
IMplementing clinical Pathways for Acute Care in Tasmania (IMPACT)	Simone Page
Review article Antibiotic use and the development of depression: A systematic review	Mahsa Pouranayatihosseiniabad
Maternal antibiotic exposure and the risk of developing antenatal or postpartum depressive symptoms: The maternal experience study protocol	Mahsa Pouranayatihosseiniabad
Maternal antibiotic exposure and the risk of developing antenatal depressive symptoms	Mahsa Pouranayatihossesiniabad



POSTERS

Title	Presenter
Determining the effects of WNT5A knockdown on gene expression, and the proliferation and migration of metastatic prostate cancer cells	Manuela Rigoli
Familial studies to understand the genetics of Multiple Sclerosis (MS)	Himanshu Saraswat
Evaluation of how Registered Nurses employed in telehealth services to provide tele-triage across Australia perceive their nurse-client relationship	Preetinder Sarwara
Intergenerational shift in life course body mass index trajectories in South Asia: Andhra Pradesh Children and Parents Study (APCAPS) 2003-2023	Chitra Sharma
Identification and validation of novel lipids linked to bone mineral density change and fracture risk	Ziyuan Shen
IMPACT-TAS – Improving osteoarthritis care in Tasmania	Laura Sutton
Feasibility of ST-2023 as a new therapy against nontypeable Haemophilus influenzae	Prajna Paramita Taslim
Taking opioid and antidepressant medications increases the risk of developing neurodegenerative conditions: a 13-year longitudinal study	Fatemeh Vazirian
Unraveling the molecular mechanisms of oxytocin and arginine vasopressin release	Saranya Viswanathan
Assessing inhibitory ability across the lifespan: optimising task design and interpreting ambiguous measures	Simon Weber
A word in the hand is worth two in the push: A comparison of verbal and motor responses to the Directional Stroop task	Marlee Wells
Visualising childhood dementia: A novel lysosomal and lipid imaging protocol to identify disorder-specific morphological signatures	Emma Wilkinson
Respiratory syncytial virus surveillance in Tasmania	Bhavika Yadav
10 weeks of fucoidan administration enhanced voluntary running activity and decreased inflammatory protein abundance in the mouse	Cheng Yang