

Digital Health Week 2024



13 - 15 February

"Inclusive by Design"

Tuesday 13th February – Day 1

Hosted by The University of Sydney

<p>10:00am – 10:45am AEDT</p> <p>Online</p>	<p align="center">Welcome to Digital Health Week 2024</p> <p>Conference Chair: Dr Louise Thornton Welcome to Country: Michael West Welcoming Addresses to Digital Health Week:</p> <ul style="list-style-type: none"> - Dr Liss Brunner (DHIN Convener) - Professor Robyn Ward (University of Sydney) - Professor Frances Kay-Lambkin (Hunter Medical Research Institute) - A/Prof Beena Ahmed (UNSW) 		
<p>10:45am – 11:45am AEDT</p> <p>Online</p>	<p align="center">Abstract presentation sessions</p>		
	<p>Stream 1: Accessibility, equity, and culturally safe digital technology</p> <p>Stream chair: Dr Melissa Bruner</p>	<p>Stream 2: Mobile, wearable, and web-based interventions</p> <p>Stream chair: Dr Julie Ayre</p>	<p>Stream 3: Technology and health workforce</p> <p>Stream chair: Dr Louise Thornton</p>
<p><i>10:45am</i></p>	<p>Ms Caitlin Learmonth: How can sexual healthcare digital systems, and organisational data practices be more inclusive by design for people with multiple sexual partners?</p>	<p>Dr Anita Amorim: The feasibility and acceptability of an online mindfulness-based stress reduction program for chronic musculoskeletal pain</p>	<p>Ms Sahithi Ala, Ardy Ardyasa, and Solange Cuevas Castillo: Launching a Toolkit for Integrated Remote Monitoring</p>
<p><i>10:55am</i></p>	<p>Dr Bronwyn McGill and Dr Sarah Marshall: Equity of healthy eating and active living digital interventions for older Australians</p>	<p>Dr Ali Gholamre: A mobile health intervention to support patients with chronic pain during opioid tapering</p>	<p>Ms Fathiya Alkhuzaimi: Exploring undergraduate nursing students' perceptions of using a learning</p>

			management system: A systematic review
11:05am	Professor Tim Shaw: Building a digital health configuration to support access to care in remote communities	Dr Breanne Hobden: Wearables Integrated Technology to support healthy behaviours in people with Type 2 Diabetes (Wear-IT): A cluster randomised controlled trial	Ms Tamasha Jayawardena: Design features for clinical decision support systems for detecting clinical deterioration in hospitals: A scoping review.
11.15am	Dr Christine Shiner: Disseminating evidence-based, multilingual mental health resources at scale – examining resource development and deployment within a digital mental health service	Dr Steph Kershaw: Evaluation of a national toolkit about crystal methamphetamine: Are attitudes towards the drug changing?	Mr Monzur Patwary: Empowering and Enhancing Knowledge of Community Health Workers leveraging Technology: The Dishari Initiative by BRAC
11.25am	Dr Christine Shiner: Scoping the prevalence of disability, multi-morbidity and chronic health conditions among community users of a digital mental health service	Ms Laura Wade: Digital Support for Youth Mental Health: An Innovative Approach to Address Anxiety and Alcohol Problems	
12.35am	Miss Aiman Rizal: “Google said anal sex is okay, but my husband said we can’t. Then I realised it is a sin in Islam” - How Malaysians navigate sexual health education in intercultural new media	Dr Priscilla Viana da Silva: The effectiveness and cost-effectiveness of ‘RecoverEsupport’, a Digital Health Intervention to support colorectal cancer patients prepare for and recovery from surgery: Study protocol of a randomised controlled trial	
11:45am – 12:59pm	Session break		
1:00pm – 2:00pm	Keynote session		
In-person and live-streamed from the University of Sydney	<p><i>Inclusive by Design: What is Possible?</i></p> <p>This talk is a narrative of a digital health solution that is “inclusive by design” and caters to the diverse, yet unique needs of healthcare professionals around the world. It delves into the contextual significance of developing “inclusive by design” digital solutions, as well as</p>		

	<p>the theoretical, methodological, and philosophical perspectives of connecting research to tangible impact</p> <p>Speaker: Associate Professor Manoj Thomas Format: Keynote presentation followed by Q and A Session chair: Dr Louise Thornton In-person Livestreaming Venue: Kerry Packer Education Centre, The University of Sydney</p>
<p>2:00pm – 3:00pm</p> <p>In-person at the University of Sydney</p>	<p style="text-align: center;">Networking event</p> <p>Venue: Kerry Packer Education Centre, The University of Sydney</p>
<p>Wednesday 14th February – Day 2 Hosted by the Hunter Medical Research Institute</p>	
<p>10:15am – 11:45am (AEDT)</p> <p>Online</p>	<p style="text-align: center;">ePoster showcase session</p> <p>Session chairs: Dr Melissa Brunner and Associate Professor Karen Scott</p>
<p><i>10:16am – 10:37am</i></p>	<p>Development and testing of digital health interventions</p> <ul style="list-style-type: none"> • Ms Temitope Afolabi: Development and validation of an online medicines’ portal for older people: a protocol • Dr Natasha Josifovski: BrighterSide® – a self-guided app for suicidal ideation • Dr Dilushi Chandrakumar: Understanding gambling consumer engagement with digital resources for harm minimisation • Mr Ming Xuan Chua: Muscle Synergies and Kinematic Analysis of Bicep Curls and Compensatory Movements • Dr Alessandra Doolan: Access to Virtual Care and Assistive Technology for People with Disability: Improving Mental Health and Wellbeing • Ms Georgie Drury: Addressing menopause in the workplace through a Smart Health Community digital intervention • Dr Kirsty Fakes: An online enhanced care program to improve the wellbeing of patients discharged from hospital with heart failure • Dr Rebecca Wyse: The longer-term effectiveness of ‘Click & Crunch’: An RCT of a web-based intervention to improve healthy eating from high school online canteens • Dr Reza Kahlee: Anaesthetic Volatiles, Nitrous and Gas Use in a Tertiary Children’s Hospital: A Sustainability Approach • Miss Minh Trang (Jane) Hoang: Innovative approach to tracking clinical variation in practice
<p><i>10:38am – 10:44am</i></p>	<p>Discussion of ‘Development and testing of digital health interventions’ ePosters</p>
<p><i>10:45am – 10:51am</i></p>	<p>Social media, Artificial intelligence, and Virtual Reality</p> <ul style="list-style-type: none"> • Mr Abdullah Bin Sawad: A Framework for Designing Diabetes Prevention Chatbots

	<ul style="list-style-type: none"> • Dr Melissa Brunner: social-ABI-lity 2.0 - using an online training program and a peer-moderated private Facebook group for social media communication practice and support after brain injury • Mr Eduardo Delamare (recording): The Impact of a Core Curriculum for AI in Dentistry into Future Dental Workflows • Mr Yufeng Wu: RememberMe: An Embodied Conversational Agent for Reminiscence Therapy in Virtual Reality
10:53am – 11:01am	Mobile apps and wearables <ul style="list-style-type: none"> • Ms Josielli Comachio: MyBackExercise App: A digital, automated exercise mobile app for people with low back pain: Development and usability testing • Mr Daniel Ferrel-Yui: The use of activity trackers in clinical practice amongst Australian cardiac rehabilitation providers • Ms Mingyue Gao: Unveiling the affordance roles in FemTech products: A review of fertility and pregnancy applications • Ms Esrat Jahan: The role of smartphone apps in preventing Type 2 diabetes: a qualitative study • Ms Fangziyun Tong: Digital therapeutic alliance in the context of unguided mental health apps
11:01am – 11:09am	Discussion of “Social media, Artificial intelligence, and Virtual Reality” and “Mobile apps and wearables” ePosters
11:10am – 11:28am	Engagement, Inclusion, and Equity <ul style="list-style-type: none"> • Miss Isobel Butorac: Designing an inclusive national mental health service from diverse communities’ perspectives • Miss Dinushika Pujitha Gunawardena: Digital Health Technologies in Geographically Disadvantaged Regions: A Comparative Assessment of the ICT4D Literature and UNDP Reports • Ms Pranita Shrestha: Towards Culturally Inclusive Digital Interventions for Body Image: Insights from a Co-Design Study with Diverse Women • Dr Adam Poulsen: Queering digital mental health for Australian LGBTQ+ youth: Reflections on self-care interventions • Miss Siyu Wang: Addressing Health Service Equity Through Telehealth: A Systematic Review of Reviews • Mr Matthew Watt: Enhancing Adolescents Engagement with eHealth: The Triple E Project • Ms Laura Hanlon: Challenges in converting promotional reach into research participants for Minds Together online programs: How do we bridge the gap? • Mrs Gayanika Hettiarachchi Senarath: Investigating factors influencing electronic collection and use of patient-reported measures in older adults’ care • Dr Jane Rich: Electronic Clinical Pathways to Service Excellence (eClipSE): A digital hub facilitating access to evidence-based support for co-occurring mental health and substance use problems
11:29am – 11:34am	Discussion of “Engagement, Inclusion, and Equity” ePosters
11:35am – 11:45am	Session wrap-up

11:45am – 12:59pm	Session break	
1:00pm – 1:59pm In-person and livestreamed from the Hunter Medical Research Institute	Panel session	
	<p>Session Char: Louise Thornton</p> <p><i>Everything Everywhere All at Once...for Everyone: Making the Single Digital Patient Record a Reality</i></p> <p>Clinical information is currently captured in many different, disconnected, systems across NSW Health. While data is routinely collected it is often unable to be shared or integrated in real time. This all means it is difficult to quickly access comprehensive information about a patient and duplication or information gaps can occur than affect providing the best patient care possible. To solve these challenges, a single source of clinical information is needed - A single digital patient record (SDPR).The SDPR will allow all NSW health care teams, no matter where they work, to securely access the same information about a patient in real time from one source. It will be first piloted in the HNE area. Our panel of speakers are all involved in the development and roll-out of the SDPR in the Hunter and will talk about their innovative work to make the SDPR pilot in the Hunter a reality and how this transformation of the digital systems in NSW Health will foster inclusion and better care for everyone.</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Professor Frances Kay-Lambkin (panellist and moderator) • Professor Chris Levi (panellist) • Professor Karen Blackmore (panellist) • Professor Craig Simmons (panellist) <p>Format: Panel discussion and Q and A</p> <p>Session chair: Dr Louise Thornton</p> <p>In-person Livestreaming Venue: Caves Lecture Theatre, Hunter Medical Research Institute</p>	
2:00pm – 3:00pm	Networking afternoon tea (Newcastle)	
In-person at the HMRI	Venue: Haggerty room, Hunter Medical Research Institute	
Thursday 15th February – Day 3 Hosted by the University of New South Wales		
10:15am – 11:05am (AEDT)	Abstract presentation session	
Online	<p>Stream 1: Co-design and consumer-centred technology</p> <p>Stream chair: Dr Louise Thornton</p>	<p>Stream 2: Games, Social Media, and Artificial Intelligence</p> <p>Stream chair: Dr Melissa Brunner</p>

10:15am	Dr Julie Ayre: Leveraging ChatGPT to develop plain language health information	Mr Angus Davis: The process evaluation of MyHeartMate: How did they really use it?
10:25am	Dr Julie Ayre: Co-design and user-testing a decision aid for patients considering surgery for sciatica	Dr Megan Gow: Delivering health information to postpartum women on social media: acceptability and impact on body satisfaction and appreciation
10:35am	Dr Rebekah Laidsaar-Powell: Using co-design to transform an established cancer patient iCBT intervention to meet the needs of family carers - Developing the CarersCanADAPT web-based intervention	Dr Zhengqiang (Howard) Jiang: The performance of overseas-trained AI models on Australian screening mammograms
10:45am	Ms Nicki Newton: Co-designing Digital Health initiatives with remote Indigenous communities in the NT	Miss Charlene Lo: "Stay tuned": A content and thematic analysis of brain injury videos on YouTube
10:55am	Ms An Nguyen: Co-designing a digital peer-support mental health prevention program for adolescents	Dr Jacques Raubenheimer: Trending upward: Two new tools to broaden access to Google Trends data for health research
11:05am – 11:15am	Associate Professor Karen Scott: Co-designing an education resource to enhance adolescents' digital health literacy	
11:16am – 12:59pm	Session break	
1:00pm – 1:59pm	Keynote session	
In-person and livestreamed from the University of New South Wales	<p>Speakers: Professor Michael Kidd AO <i>"Digital inclusion lessons arising from the COVID-19 pandemic"</i></p> <p>Professor Deborah Lupton <i>"What do people find useful about digital health technologies and what are the barriers to use? Findings from my social research with diverse groups in Australia"</i></p> <p>Format: Keynote presentations followed by panel discussion and Q and A</p> <p>Session chair:</p> <p>In-person Livestreaming Venue: Michael Crouch Innovation Centre (MCIC), Hilmer Building (E10), Ground Floor, UNSW Sydney NSW 2052 Australia</p>	
2:00pm – 2:15pm	Closing remarks and Award of best ePosters and Presentation Prizes	

Online	Session Chair: Dr Louise Thornton
2pm – 2.59pm	Networking event
In-person at the University of New South Wales	Venue: Michael Crouch Innovation Centre (MCIC), Hilmer Building (E10), Ground Floor, UNSW Sydney NSW 2052 Australia
3pm – 4:30pm	Online workshop
Online	<p><i>“DIY – Using Available Survey Platforms to Build & Test Digital Interventions”</i></p> <p>Want to deploy digital health interventions by your own but uncertain where to start? This is the webinar for you. In this webinar, ISRII researchers will showcase research projects in which they built and test an entire intervention using commonly accessible survey platforms (like Qualtrics, Lime-Survey, Survey-monkey, and Red-Cap). Or in short, learn how to do it yourself!</p> <p>Speakers: Associate Professor Phillip Chow (University of Virginia, US), Dr Lou Farrar (ANU), Mr Tomer Savir (University of Haifa, Israel)</p> <p>Facilitator: Dr Louise Thornton</p> <p>Sponsored by the International Society for Research on Internet Interventions</p>
Stay tuned for Digital Health Week 2025	

Accessibility note: For the three keynote sessions, Auslan interpreters will be present and a live typist will be providing closed captioning on Zoom. Please contact digital.health-week@sydney.edu.au if you need additional accessibility support.