THE UNIVERSITY OF
MELBOURNE

Centre for Digital Transformation of Health
Faculty of Medicine, Dentistry, and Health Sciences

Research Fellow in Digital Health Education

POSITION NO	0058457
CLASSIFICATION	Academic Level A - B
	Level of appointment will be at least Level A.6 for a PhD qualified candidate and will be commensurate with track record and relevant experience
SALARY	Level A - $97,558 (A.6) - $104,717 p.a. (pro rata)
	Level B - $110,236 - $130,900 p.a. (pro rata)
SUPERANNUATION	Employer contribution of 17%
WORKING HOURS	Full-time (1.0 FTE), part-time options can be considered
BASIS OF EMPLOYMENT	Fixed term position initially available until December 2023, renewable subject to continued funding
OTHER BENEFITS	https://about.unimelb.edu.au/careers/staff-benefits
HOW TO APPLY	Online applications are preferred. Go to http://about.unimelb.edu.au/careers, select the relevant option ('Current Opportunities' or 'Jobs available to current staff'), then find the position by title or number.
CONTACT FOR ENQUIRIES ONLY	Dr. Kayley Lyons Tel +61 4 9909 3088 Email Kayley.lyons@unimelb.edu.au *Please do not send your application to this contact*

For information about working for the University of Melbourne, visit our website:
about.unimelb.edu.au/careers

Acknowledgement of Country

The University of Melbourne acknowledges the Traditional Owners of the unceded land on which we work, learn and live: the Wurundjeri Woi Wurrung and Bunurong peoples (Burnley, Fishermans Bend, Parkville, Southbank and Werribee campuses), the Yorta Yorta Nation (Dookie and Shepparton campuses), and the Dja Dja Wurrung people (Creswick campus).

The University also acknowledges and is grateful to the Traditional Owners, Elders and Knowledge Holders of all Indigenous nations and clans who have been instrumental in our reconciliation journey.

We recognise the unique place held by Aboriginal and Torres Strait Islander peoples as the original owners and custodians of the lands and waterways across the Australian continent, with histories of continuous connection dating back more than 60,000 years. We also acknowledge their enduring cultural practices of caring for Country.

We pay respect to Elders past, present and future, and acknowledge the importance of Indigenous knowledge in the Academy. As a community of researchers, teachers, professional staff and students we are privileged to work and learn every day with Indigenous colleagues and partners.

Position Summary

The Centre for Digital Transformation of Health is seeking a highly motivated and qualified Research Fellow to join the education and workforce development team. The successful candidate will have a strong background in education research, evaluation or a related field, and will be responsible for leading and conducting innovative and collaborative research projects.

The appointee will work in the education and workforce development team within the Centre for Digital Transformation of Health. Reporting to and working closely with the Digital Health Education and Workforce Development Lead, they will have the opportunity to work on a range of exciting projects and will take the lead on: 1) conducting needs analyses for course development, 2) education program evaluation, and 3) exploring Australian health system workforce needs for digital health capability building. They will be expected to publish their findings in top-tier journals and present at conferences.

The Research Fellow will work primarily on a high-profile, national program to build workforce capacity across Australia to deliver on national plans for implementation of modern interoperability standards for healthcare IT (called FHIR). In this project, they will work with a consortium including CSIRO and HL7 Australia that is funded by the Australian Digital Health Agency, the federal government agency responsible for digital health in Australia. This role is an exceptional opportunity to work on a high-profile, federally-funded program that addresses a national workforce priority.

The ideal candidate will have an excellent research track record in a relevant field, such as education, evaluation, health services research, or organisational psychology, and a passion for understanding how to transform the healthcare sector through workforce development. They should have the high standard of communication and interpersonal skills that enables them to work collaboratively and productively with industry, government, clinical and academic partners.

Established in 2019, and led by Professor Wendy Chapman, the Centre for Digital Transformation of Health is a cross-disciplinary centre connects the strengths in health and medical research in the Faculty of Medicine, Dentistry and Health Sciences, to the strengths in informatics, computing and data science in the School of Computing and Information Systems.

With a vision of connected healthcare, the Centre aims to address a critical gap in the translation of digital health research, which is clearly needed if the healthcare system is to benefit from research-led advances in digital health. The Centre aims to significantly grow the

field of digital health research at the University of Melbourne through creating the right environment for the type of inter-disciplinary, collaborative research that correlates with research excellence and real world impact on the healthcare system to flourish. Through bringing together researchers, educators, healthcare and digital health professionals, patients and the public, the focus on translation of digital health innovations into clinical practice will enable a future where the healthcare system is transformed through digital health innovation.

1. Key Responsibilities

1.1 RESEARCH AND RESEARCH TRAINING

- Lead a program of research that evaluates a suite of FHIR training programs and enables ongoing course development
- Collaborate on grant-funded and non-grant funded education and workforce development studies
- Apply theoretical frameworks and organisational priorities to the design of research studies
- Analyse information and compile insights from needs analyses, literature reviews and environmental scans
- Apply mixed methods to collect, manage and analyse data
- Contribute to and/or lead journal publications, grant applications, reports, conference presentations, and other academic outputs
- Contribute to teaching, training, mentoring and supervision of students and /or junior staff
- Maintain accurate and detailed records of all work

1.2 LEADERSHIP AND SERVICE

- Assist with education and workforce development activities within the Centre
- Autonomously manage agreed research projects
- Contribute and report regularly to individual and team meetings
- Participate in community and professional activities related to the relevant disciplinary area
- Attend and actively participate in Centre seminars and staff meetings
- Work co-operatively with operational team members responsible for governance, budget oversight and financial reporting for grant-funded research
- Occupational Health and Safety (OH&S) and Environmental Health and Safety (EH&S) responsibilities as outlined in section 4

2. Selection Criteria

2.1 ESSENTIAL

- A PhD or near completion of a PhD in a relevant field, such as education, evaluation, health services research, or organisational psychology

- A strong publication track record relative to opportunity
- Excellent analytical and problem-solving skills
- The ability to work in an inter-disciplinary team environment
- Demonstrated excellent organisational skills including the ability to drive projects
- Demonstrated ability to manage research projects including development of effective plans, timelines and milestones
- Demonstrated excellent verbal and written communication skills for effective research collaboration and engagement
- Demonstrated experience in using initiative, working with minimal supervision and ability to prioritise tasks to achieve objectives within timelines
- Strong skills and initiative in problem solving

2.2   DESIRABLE

- Experience in education or workforce research
- Experience in qualitative research methods, technologies, and approaches
- Experience in program evaluation

2.3   SPECIAL REQUIREMENTS

In addition to the above, the following are <u>essential</u> for a Research Fellow, Level B Appointment.

- An excellent publication track record
- A developing national and/or international profile as evidenced by research publications, conference and seminar papers, and/or research funding.

In addition to the above, the following are <u>desirable</u> for a Research Fellow, Level B Appointment.

- Demonstrated success in obtaining research funding.
- Substantial experience in education or workforce research

3. *Equal Opportunity, Diversity and Inclusion*

The University is an equal opportunity employer and is committed to providing a workplace free from all forms of unlawful discrimination, harassment, bullying, vilification and victimisation. The University makes decisions on employment, promotion, and reward on the basis of merit.

The University is committed to all aspects of equal opportunity, diversity and inclusion in the workplace and to providing all staff, students, contractors, honorary appointees, volunteers and visitors with a safe, respectful and rewarding environment free from all forms of unlawful discrimination, harassment, vilification and victimisation. This commitment is set out in the Advancing Melbourne strategy that addresses diversity and inclusion, equal employment opportunity, discrimination, sexual harassment, bullying and appropriate workplace behaviour. All staff are required to comply with all University policies.

The University values diversity because we recognise that the differences in our people's age, race, ethnicity, culture, gender, nationality, sexual orientation, physical ability and background bring richness to our work environment. Consequently, the People Strategy sets out the strategic aim to drive diversity and inclusion across the University to create an environment where the compounding benefits of a diverse workforce are recognised as vital in our continuous desire to strive for excellence and reach the targets of Advancing Melbourne.

4. Occupational Health and Safety (OHS)

All staff are required to take reasonable care for their own health and safety and that of other personnel who may be affected by their conduct.

OHS responsibilities applicable to positions are published at:

https://safety.unimelb.edu.au/people/community/responsibilities-of-personnel

These include general staff responsibilities and those additional responsibilities that apply for Managers and Supervisors and other Personnel.

5. Other Information

5.1 CENTRE FOR DIGITAL TRANSFORMATION OF HEALTH

The Centre for Digital Transformation of Health is a cross-disciplinary centre that sits in the Faculty of Medicine, Dentistry and Health Sciences, and the School of Computing and Information Systems.

With a vision of connected healthcare, the Centre aims to address a critical gap in the translation of digital health research, which is clearly needed if the healthcare system is to benefit from research-led advances in digital health. The Centre aims to significantly grow the field of digital health research at the University of Melbourne through creating the right environment for the type of inter-disciplinary, collaborative research that correlates with research excellence and impact to flourish. Through bringing together researchers, educators, healthcare and digital health professionals, patients and the public, the focus on translation of digital health innovations into clinical practice will enable a future where the healthcare system is transformed through digital health innovation

The Centre's strategy is underpinned by connecting the strengths in health and medical research in the Faculty of Medicine, Dentistry and Health Sciences, to the strengths in informatics, computing and data science in the School of Computing and Information Systems and across the University to create a collaborative, inter-disciplinary ecosystem that supports translation to real-world research impact in the healthcare system. Its three strategic pillars are focussed on better use of health data, integrating digital health innovations into the healthcare system and upskilling the healthcare workforce.

5.2 FACULTY OF MEDICINE, DENTISTRY AND HEALTH SCIENCES

www.mdhs.unimelb.edu.au

The Faculty of Medicine, Dentistry & Health Sciences has an enviable research record and is the University of Melbourne's largest faculty in terms of management of financial

resources, employment of academic and professional staff, teaching of undergraduate and postgraduate (including research higher degree) students and the conduct of basic and applied research. The Faculty's annual revenue is $628m with approximately 55% of this income related to research activities.

The Faculty has a student teaching load in excess of 8,500 equivalent full-time students including more than 1,300 research higher degree students. The Faculty has approximately 2,195 staff comprising 642 professional staff and 1,553 research and teaching staff.

The Faculty has appointed Australia's first Associate Dean (Indigenous Development) to lead the development and implementation of the Faculty's Reconciliation Action Plan (RAP), which will be aligned with the broader University – wide plan. To enable the Faculty to improve its Indigenous expertise knowledge base, the Faculty's RAP will address Indigenous employment, Indigenous student recruitment and retention, Indigenous cultural recognition and building partnerships with the Indigenous community as key areas of development.

5.3   SCHOOL OF COMPUTING AND INFORMATION SYSTEMS

https://cis.unimelb.edu.au/#about

The School of Computing and Information Systems (CIS) at the University of Melbourne is an international leader in information technology research and teaching.

CIS is one of the highest-profile schools in the country, regularly ranked top in Australia for Computer Science (2020 THE and QS). It is one of only two Australian divisions to be ranked "5 – Well above world standard" in both Information *and Computing Sciences* (FOR 08) and *Information Systems* (FOR 0806). CIS is at the forefront of computing research in Australia and overseas, with close links to major initiatives such as Melbourne Bioinformatics, IBM Research and CSIRO/DATA61 (formerly NICTA).

The School is committed to attracting and retaining the highest-quality staff available in order to produce outstanding and impactful research. CIS has highly successful research teams in the key areas of Computer Science (CS), Artificial Intelligence (AI), Human-Computer Interaction (HCI) and Information Systems (IS).

CIS provides majors in the three-year undergraduate 'Melbourne Model' degrees and has a range of specialist graduate programs in CS (including software engineering), AI, HCI and IS. It also has a large cohort of active graduate research students, both domestic and international, who are regularly publishing in top venues and engaging with the community.

In late 2020 CIS will move to a new home, Melbourne Connect, Melbourne's newest innovation precinct. Through the co-location of talented researchers, scientists, academics and students with private enterprise and government partners, Melbourne Connect seeks to unlock the value and global reach of the University's research and people. The pivotal work to be undertaken in Melbourne Connect will address major societal challenges by identifying solutions that are data driven, digitally enabled and socially responsible.

To find out more visit https://melbconnect.com.au/.

5.4   FACULTY OF ENGINEERING AND INFORMATION TECHNOLOGY

The Faculty of Engineering and Information Technology (FEIT) has been the leading Australian provider of engineering and IT education and research for over 150 years. We are a multidisciplinary School organised into three key areas; Computing and Information Systems (CIS), Chemical and Biomedical Engineering (CBE) and Electrical, Mechanical and Infrastructure Engineering (EMI). FEIT continues to attract top staff and students with a global reputation and has a commitment to knowledge for the betterment of society.

FEIT has never been better positioned as a global leader, anchored in the dynamic Asia Pacific region, creating and curating knowledge to address some of the world's biggest challenges. Through our students and our relationships with communities, we can not only respond to society's needs but anticipate and create engineering and IT solutions for the future.

https://eng.unimelb.edu.au/

https://eng.unimelb.edu.au/about/join-mse

Our ten-year strategy, FEIT 2025, is our School's commitment to bring to life the University-wide strategy Advancing Melbourne and reinforce the University of Melbourne's position as one of the best in the world.

To achieve our ambitions, we will continue to build new infrastructure to enable our teaching, research and engagement; we continue to recruit outstanding people from around the world; and we continue to attract high-quality students from across the globe who are at the heart of our enterprise.

5.5　THE UNIVERSITY OF MELBOURNE

Established in 1853, the University of Melbourne is a leading international university with a tradition of excellence in teaching and research. The main campus in Parkville is recognised as the hub of Australia's premier knowledge precinct comprising eight hospitals, many leading research institutes and a wide-range of knowledge-based industries. With outstanding performance in international rankings, the University is at the forefront of higher education in the Asia-Pacific region and the world.

The University employs people of outstanding calibre and offers a unique environment where staff are valued and rewarded.

Further information about working at The University of Melbourne is available at http://about.unimelb.edu.au/careers

5.6　ADVANCING MELBOURNE

The University's strategic direction is grounded in its purpose. While its expression may change, our purpose is enduring: to benefit society through the transformative impact of education and research. Together, the vision and purpose inform the focus and scale of our aspirations for the coming decade.

Advancing Melbourne reflects the University's commitment to its people, its place, and its partners. Our aspiration for 2030 is to be known as a world-leading and globally connected Australian university, with our students at the heart of everything we do.

- We will offer students a distinctive and outstanding education and experience, preparing them for success as leaders, change agents and global citizens.

- We will be recognised locally and globally for our leadership on matters of national and global importance, through outstanding research and scholarship and a commitment to collaboration.

- We will be empowered by our sense of place and connections with communities. We will take opportunities to advance both the University and the City of Melbourne in close collaboration and synergy.

- We will deliver this through building a brilliant, diverse and vibrant University community, with strong connections to those we serve.

The means for achieving these goals include the development of the University of Melbourne's academic and professional staff and the capabilities needed to support a modern, world-class university. Those means require a commitment to ongoing financial sustainability and an ambitious infrastructure program which will reshape the campus and our contribution to the communities we engage with. This strategy, and the priorities proposed, is centred around five intersecting themes; place, community, education, discovery and global.

5.7 GOVERNANCE

The Vice Chancellor is the Chief Executive Officer of the University and responsible to Council for the good management of the University.

Comprehensive information about the University of Melbourne and its governance structure is available at https://about.unimelb.edu.au/strategy/governance