

Lessons from the NARDHC digital health microcredential course

A/Prof Michelle Krahe

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Northern Australian Regional Digital Health Collaborative

www.nardhc.org

A partnership between:













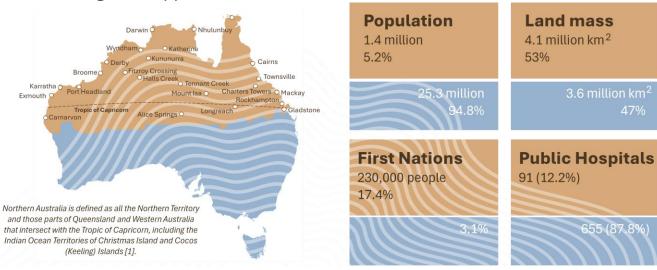
Supported by:



To improve the health and healthcare delivery for Northern Australia through digital health solutions

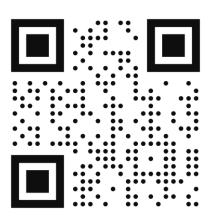
- 1. Create a focus for digital innovation and investment.
- 2. Link NARDHC to industry stakeholders and local communities across Northern Australia.
- 3. Skills based training for students and the health workforce
- 4. Implement and evaluate digital health innovations.
- 5. Research-industry collaboration projects provided through seed funding and support.

Innovation alone isn't enough – we need a skilled, confident workforce to deliver change



Study a microcredential and enhance your skills as a digitally capable health professional

- Learn online at your own pace
- Designed for the health workforce
- Rural and remote context
- Available at no cost
- Earn a digital badge







Foundations

Gain a comprehensive introduction to digital health, its core principles, and the opportunities it creates for rural and remote healthcare.

Swipe for more





Technology

Focused on practical tools and applications, this credential equips learners with the knowledge to use technologies such as telehealth platforms, wearable devices, and electronic health records.

Swipe for more







Implementation

Take your knowledge to the next level by learning how to design, implement, and evaluate digital health projects.

Swipe for more

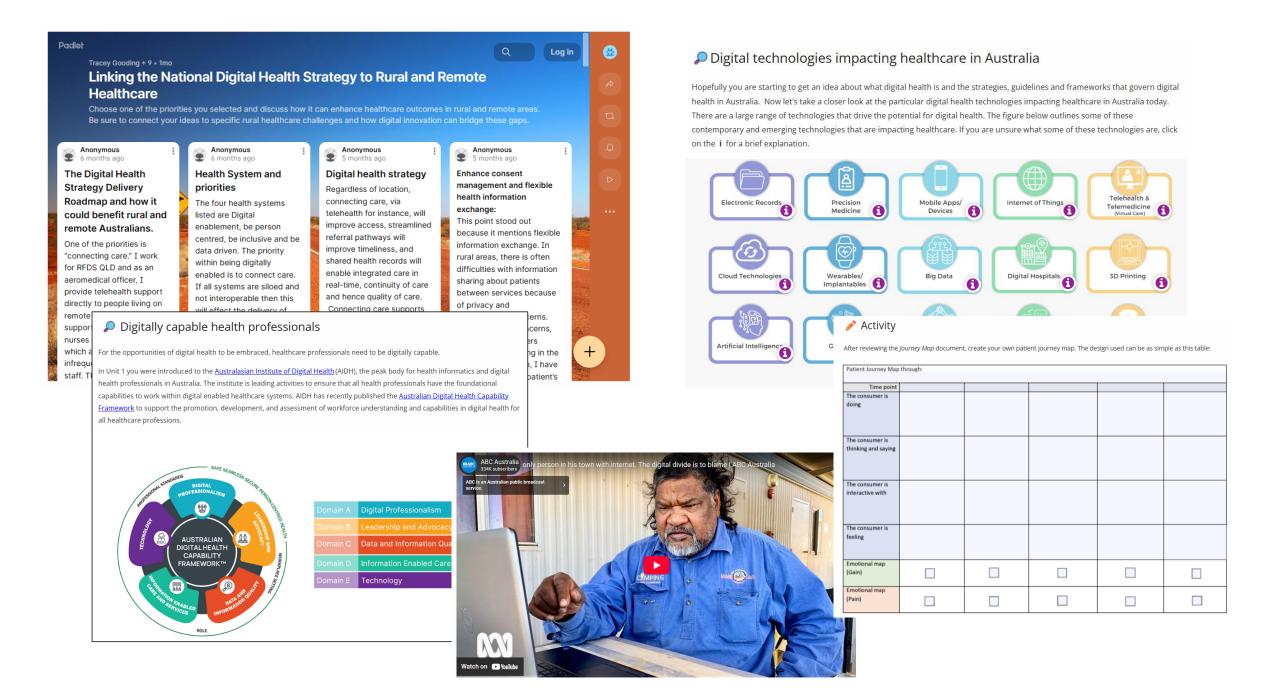




digital health in rural and remote health settings

Northern Australian Regional Digital Health Collaborative



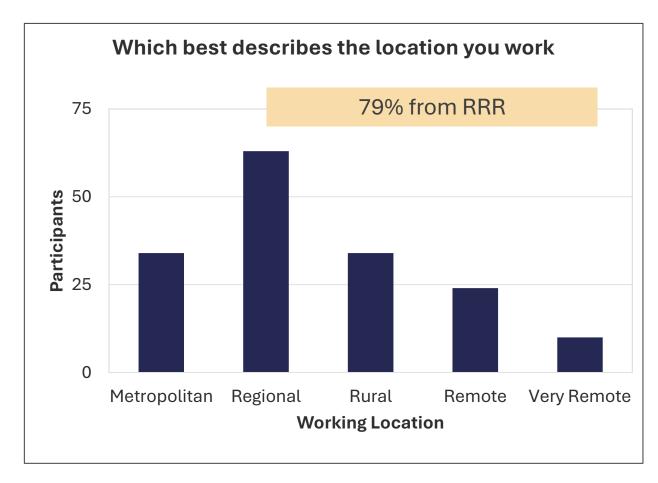


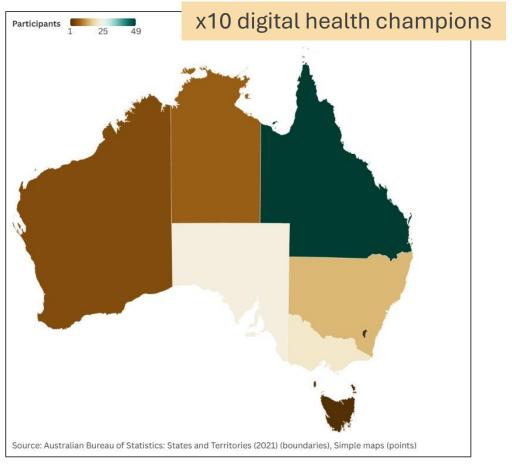
Learning outcomes

- Foundational knowledge and concepts
- Explore tools, frameworks and systems
- Leading digital health capability
- Explore the patient journey
- Examine governance and security considerations
- Explore technologies that support digital health
- Manage and monitor data
- Critically look at own work context
- Make recommendations or share your ideas
- Plan digital health initiatives
- Implementation processes determined
- Evaluation of fitness for purpose

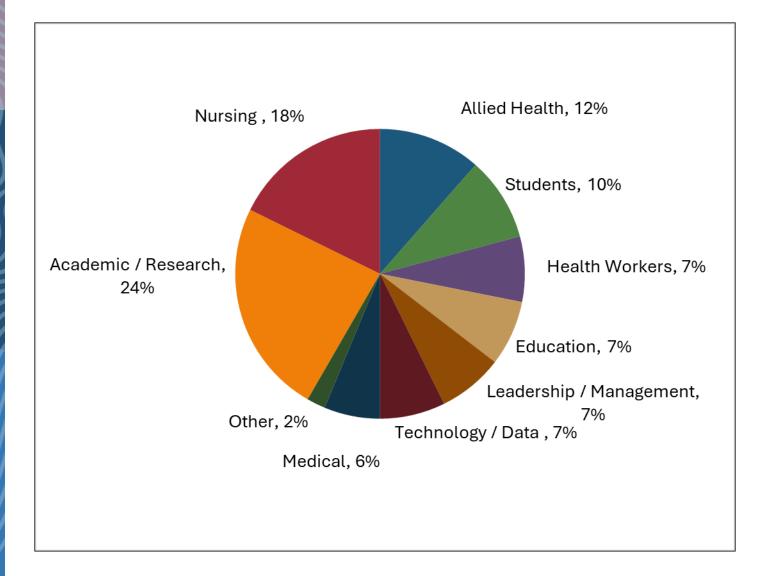
	CREDENTI	AL 1	CREDENT	CREDENTIAL 3			
CREDENTIAL TITLE	Foundations of digi rural and remote	te/	Leveraging digi echnologies for rur healthca	Implementing digital health initiatives for rural and remote healthcare delivery			
UNIT 1	Foundational cor	acepts	Techologies	Digitally enabled workflows			
UNIT 2	Digitally capable healthcar	e professionals	Technologies	Mapping the patient journey			
UNIT 3	Governance, frameworks, ar industry stands		Data, monitoring an	nd security	Implem	enation and eva	luation
Digital I	Health for Rural an	d Remote I	Health Wo	rkforce ·	- Cours	е Мар	
Assessment Overview	Course Learning Outcomes		SKILLS AND KNOWLEDGE REQUIRED				
Assessment 1 Multiple-choice Quiz	Explain key concepts, tools, frameworks and systems relevant supporting digital health adoption, and innovation.			7 *	&	Ŷ	
Assessment 2 Discussion Post	Summarise health system outcom enhanced by digital health in you healthcare context.	_		R 🗟		\$ 0	
Assessment 3 Multiple-choice Quiz and Discussion Post	Analyse the complex problems associated with implementation of digital health initiatives in regional rural and remote Australia. Propose a fit-for-purpose digital he initiative to support sustainable healthcare in your healthcare conte	of alth	P.EN P.SO			R	

Who is participating?





Who is participating?



Health services - public sector

20 health services directly providing care or health service management, mostly in rural, regional, and remote settings.

Health services – private sector

18 private practices, NGOs, or aged care

Universities

9 organisations

Government & health Industry

8 organisations

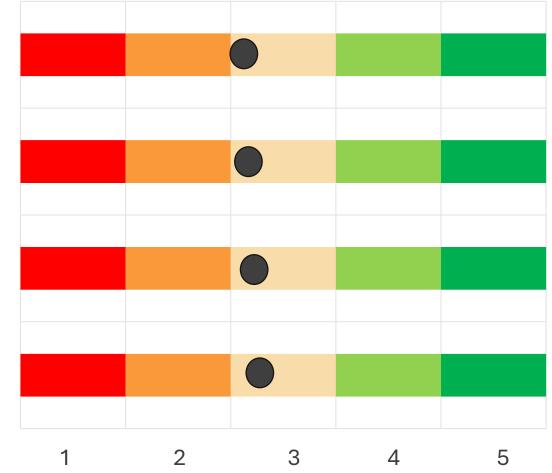
Self assessment of digital skills

I understand the **purpose and function of digital health** technologies and systems implemented at a local, state, or national level, including consideration of legal, policy, and ethical implications

I can **integrate digital health into practice** to deliver safe and quality care, including provision of best practice models of care

I can **use data and data analysis** to inform, deliver, and improve health and health care practice at an individual, team, or systems level

I can **participate in digital health implementation**, evaluation, and/or co-design processes to drive improvement and stimulate change



What do you hope to achieve by completing the course?

- Participants seek to deepen their understanding of digital health systems, technologies, and applications — particularly within rural and remote contexts.
- Many want to strengthen their practical skills in using digital tools, telehealth, electronic medical records, and data systems to enhance healthcare delivery.
- There's a clear focus on applying digital health knowledge to improve patient outcomes, ensure safety, enhance service integration, and reduce fragmentation in rural and remote healthcare.
- Participants are looking to upskill to stay current, transition into digital health roles, or strengthen their contribution in leadership, education, or research positions.

"I want to be better equipped to support the adoption of digital health in rural areas, where services are fragmented, and access is limited."

"Digital health is the future — I want to ensure I can confidently lead and implement these changes in my workplace."

"This course will help me practically apply what I've learnt to improve care delivery and outcomes for people in remote communities."

What we have learned and what's next...

- Digital health is a **vital tool for supporting healthcare** access challenges in rural and remote Northern Australia, helping to address workforce shortages and geographic isolation.
- The NARDHC digital health microcredential course equips healthcare workers with essential skills in digital health foundations, emerging technologies, and implementing innovations, ensuring content is practical and relevant to rural and remote practice.
- Tailored education programs play a crucial role in building a digitally enabled workforce by providing flexible, accessible training that strengthens healthcare capacity and supports the integration of digital solutions into daily clinical workflows.







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Deputy Lead Research Program 3: Workforce Innovation





"Digital health solutions for a healthier northern Australia"

www.nardhc.org



JCU: Experience has no substitute



