UNIVERSITY OF CANBERRA

POSITION DESCRIPTION

Position Title	Research Officer -Visualisation and data analytics
Business Unit	Health Research Institute, Faculty of Health
Appointment Level	UC 8
Reporting To	Professor Rachel Davey
Number of Direct Reports	0
Delegation Band	
Position Number	TBC

THE UNIVERSITY OF CANBERRA

The University of Canberra is a young University anchored in the national capital and works with government, business, and industry to serve our communities and nation. The University of Canberra challenges the status quo; always pursuing better ways to teach, learn, research, and add value – locally and internationally.

Our purpose is to provide education which offers high quality transformative experiences; to engage in research which makes a difference to the world around us; and to contribute to the building of just, prosperous, healthy, and sustainable communities.

The University of Canberra has recently established its long-term ambitions through its new decadal strategy: *Connected*. Through its three objectives (Connected to Canberra, Connected for life and Connected UC), the University of Canberra aims to build sustainable communities through deep collaborations that are locally focused and globally relevant, partner for life with our students to shape our economic, social and cultural futures and deliver an outstanding, digitally connected experience that removes barriers to accessing higher education.

OUR PURPOSE AND VALUES

Our purpose and values are the heart of this university. They describe our core identity: who we are and how we behave at the University of Canberra. They were developed by our people for our people.

GALAMBANY

Together we work to empower, connect and share knowledge with our people, cultures and places

EVERYONE'S INVITED · NARRAGUNNAWALI · WALK TOGETHER · CHANGE THE WORLD · DARE TO BE CURIOUS

BUSINESS UNIT OVERVIEW

The Health Research Institute (HRI) was established in 2015 to consolidate and showcase the University's health research strengths, building sufficient scale, scope, sustainability, and infrastructure necessary to support world-class research. We improve wellbeing, health, and healthcare by conducting research to identify factors that improve policy and service delivery. We focus on health and wellbeing as products of systems, particularly how they vary depending on your interaction with the healthcare system, where you live and work, how you move through your community, your access to facilities and resources, your connection to people and places, and the social, built and natural environment. We collaborate and co-design with researchers, government, industry, healthcare providers and consumers to turn research into real world impact. This includes roll out of best-practice health policy and design of strategies to achieve positive system-wide changes, not just in healthcare but in the broader environment.

The Institute is supported by research infrastructure which includes two laboratories.

The **Geospatial Health Lab (GeoH-L)** unravels how relationships between environmental context and population composition together shape health. The focus is the active appraisal over time of dynamic, inferential relationships between people and places to inform improved public health and medical systems.

The VIDEA lab **(Visual and decision analytic lab)** is a new service and research organisation at the Health Research Institute (HRI) at the University of Canberra. VIDEA is Australia's first lab combining expertise in two recent and related areas of knowledge: visual analytics and decision analytics. The main activities of the VIDEA lab are:

• Visual analytics: We are using new and advanced technologies and methods to visualise pattern of wellbeing , health conditions, environmental and social determinants of health, and chronic care including mental healthcare across communities to optimising communication with policy makers and stakeholders in public and private health sector.

• Decision analytics: Decision analytics applies a unique participatory approach to developing healthcare models, providing better transparency of models and their assumptions, and enabling us to generate evidence-informed knowledge and policy recommendations in a way that captures the complex and dynamic nature of health, environmental and social problems.

POSITION PURPOSE

The position is required in response to external research project funding that focus on creating healthier local environments and translation to policy and practice through interactive dashboards, visualisation and informing high-priority target areas and stakeholders with indispensable decision-making tools for the planning of public health policy.

Situated within the VIDEA lab, this exciting role will require working across multiple research themes within HRI to develop and showcase our health research using high-quality visualisation techniques and interactive tools as a primary means of research communication for the ACT Government. The role will require management and development of integrated and structured data and visualisation of data including administrative data held by government as well as survey data collections in diverse areas of social, environmental and economic determinants of health, wellbeing and health systems.

PRIMARY RESPONSIBILITIES

The position will be responsible for:

1. Develop and deploy data visualisations, interactive tools and dashboards.
2. Data management including effective documentation of metadata and data curation which involves annotation, publication and presentation of data so that value is maintained over time and remains available for reuse and preservation.
3. Liaise and co-ordinate with academic and professional staff to enabling sharing of expertise, information and datasets.
4. Development of data visualisation across key areas of research programs at the Health Research Institute
5. Creating work that is in line with business intelligence best practices, including data architecture and governance.
6. Assisting with business engagement and uptake of dashboards, and self-service literacy, including through workshops and training materials
7. Ensure confidentiality of databases and related information and adhere to data governance requirements and relevant legislation.
8. Other duties as required, appropriate to the classification level.

Key Capabilities	Descriptors
1. Leadership	1.1 *Proactively addresses challenging issues and takes responsibility for seeing issues through. Assist team members to recognise barriers and overcome them.* 1.2 *Connects the University Strategy with the Portfolio and reinforces connections with other staff.* 1.3 *Builds and communicates a clear and compelling path for others to choose to be committed and engaged.* 1.4 *Champions and role models effective change while working to engage and enthuse others to embrace a vision of change.* 1.5 *Showcases diverse voices and perspectives and seeks and values unique contributions and promotes accessibility to all.*
2. Citizenship	2.1 Upholds, demonstrates, and promotes the university's purpose and values. 2.2 Promotes diversity of thought and creates an inclusive workplace where people feel a sense of belonging. 2.3 Looks beyond own point of view to consider needs of others and looks for opportunities to create belonging, support reconciliation, diversity, and inclusion. 2.4 Manages accessibility concerns to promote equity.
3. Effective Communication	3.1 Adjusts message and delivery appropriate to audience. 3.2 Listens authentically to others to understand content and context and effectively communicates ideas. 3.3 *Produces accurate and effective information in a timely and efficient manner.* 3.4 *Influences and negotiates persuasively.* 3.5 *Builds cultural competence and adaptive communication skills.*
4. Collaboration	4.1 Connects and collaborates with our community. 4.2 Looks beyond self and immediate team to add value to the whole University. 4.3 Authentically and meaningfully connects with people who are different to self. 4.4 Is open to a variety of ideas, experiences, and styles. 4.5 *Develops relationships with external parties. Seeks and acts on opportunities to connect external parties and partners to the University.*
5. Delivers results	5.1 Delivers on agreed outcomes and escalates issues as appropriate. 5.2 Responds to changing circumstances and priorities. 5.3 *Identifies opportunities to improve processes and takes opportunities to problem solve to deliver outcomes.*
6. Business Acumen	6.1 Understands the purpose of own position and how this contributes to the objectives of the University. 6.2 Manages resources effectively. 6.3 *Understands the commercial context the University operates in.*
7. Service	7.1 Delivers seamless customer focused service underpinned by simplified and efficient processes. 7.2 Understands and anticipates the needs of our students and partners and can convert these into commercial outcomes.
8. Digital Literacy and Innovation	8.1 Incorporates digital literacy skills into own learning and the learning of others e.g., students, peers, supervisees. 8.2 Appreciates the legal, ethical and security guidelines in the management, access and use of data. 8.3 *Isn't afraid to have an impact. Inspires others to be innovative. Is brave, stirs curiosity and shares ideas and discoveries that shape our future.* 8.4 *Demonstrates the ability to work fluently across a range of tools platforms and applications to achieve complex tasks.* 8.5 *Demonstrates the capacity to adopt and develop new practices with digital technology in different settings; to use digital technologies in developing new ideas, projects, and opportunities.*

While at work, you must take reasonable care that your actions or omissions do not adversely affect the health and safety of other persons. This includes:

• comply, so far as you are reasonably able, with any reasonable instruction that is given by the University to comply with the WHS Legislation

• cooperate with any reasonable policy or procedure of the University relating to health or safety at the workplace that has been notified to workers

• assume any additional duties as outlined in the WHS Procedure: Resources, Responsibility and Accountability

Note: This position requires a skill level that assumes knowledge or training equivalent to graduate qualifications, or extensive relevant experience, or an equivalent combination of relevant experience and/or education/training.