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POSITION DESCRIPTION

Post-doctoral Fellow

Faculty/Division	Medicine & Health
Classification Level	Academic A
Hours & Span (Category)	ACADEMIC POSITION NO SPAN
Position number	00202545
Shiftwork status	NOT SHIFTWORKER
Allowances	Nil
On call arrangements	Nil
Original document creation	10 July 2024

Position Summary

The Kirby Institute is a world-leading health research institute at UNSW Sydney. We work to eliminate infectious diseases, globally. Our specialisation is in developing health solutions for the most at-risk communities. Putting communities at the heart of our research, we develop tests, treatments, cures and prevention strategies that have the greatest chance of success.

The Post-Doctoral Fellow will be responsible for the development and application of mathematical models of hepatitis C transmission to evaluate simplified diagnostic and treatment pathways within healthcare settings and among key populations The position holder will conduct analyses of the model outputs to estimate the population level impact and cost-effectiveness of public health interventions for hepatitis C. This research will be done in consultation with Australian health departments, peak community organizations, and other stakeholders.

The role of Post-Doctoral Fellow reports to Associate Professor and has no direct reports.

Accountabilities

Specific accountabilities for this role include:

- Contribute independently and as a team member to collaborative research led by the Kirby Institute on the implementation of simplified hepatitis C testing and treatment strategies.

- Undertake research projects evaluating the impact and cost-effectiveness of simplified diagnostic and treatment strategies for hepatitis C under the guidance of the lead investigators.

- Contribute to the conceptualisation, design and development of evaluation research projects for simplified hepatitis C testing and treatment strategies.

- Undertake data collation, triangulation, and analyses while ensuring the quality, integrity and security of datasets.

- Prepare presentations for national and international meetings and conferences, and attend relevant scientific meetings and conferences

- Prepare reports, abstracts and manuscripts for scientific meetings and publications; contribute to publications initiated by collaborators and colleagues

- Maintain accurate project and research records.

- Support additional research projects and assist with the supervision of higher degree research candidates.

- Align with and actively demonstrate the [UNSW Values in Action: Our Behaviours](#) and the [UNSW Code of Conduct.](#)

- Cooperate with all health and safety policies and procedures of the university and take all reasonable care to ensure that your actions or omissions do not impact on the psychosocial or physical health and safety of yourself or others.

Skills and Experience

- A PhD in computational modelling, biostatistics, or a relevant field. Knowledge of hepatitis C or other blood borne viruses will be highly regarded.

- Demonstrated infectious disease modelling experience and the ability to conduct high quality academic research independently with limited supervision.

- Strong skills in data management, software development, and version control systems with excellent attention to detail.

- Proven commitment to proactively keeping up to date with discipline knowledge and developments.

- Demonstrated track record of publications in peer-reviewed journals and conference presentations relative to opportunity.

- Demonstrated ability to work in a team, collaborate across disciplines and build effective relationships.

- Evidence of highly developed interpersonal skills.

- Demonstrated ability to communicate and interact with a diverse range of stakeholders and students.

- An understanding of and commitment to UNSW's aims, objectives and values in action, together with relevant policies and guidelines.

- Knowledge of health & safety (psychosocial and physical) responsibilities and commitment to attending relevant health and safety training.

Pre-employment checks required for this position

- Verification of qualifications

About this document

This Position Description outlines the objectives, desired outcomes, key responsibilities, accountabilities, required skills, experience and desired behaviours required to successfully perform the role.

This template is not intended to limit the scope or accountabilities of the position. Characteristics of the position may be altered in accordance with the changing requirements of the role.