
Position Description

Position Title:	Research Fellow
Position Classification:	Level B
Position Number:	New
School/Division:	Centre for Medical Research
Centre/Section:	Harry Perkins Institute of Medical Research
Supervisor Title:	Principal Research Fellow
Supervisor Position Number:	304885

Your work area

This position is part of the Liver Cancer Collaborative (LCC) within the UWA Centre for Medical Research, based at Harry Perkins Institute of Medical Research (Perkins) in Nedlands. The Liver Cancer Collaborative is a multidisciplinary team (including hepatologists, radiologists, pathologists, liver cancer researchers, genomic scientists, computational biologists, immunologists, data and software experts, and community members) which has come together to investigate hepatocellular carcinoma. Scientists based in Perkins laboratories undertake medical and clinical research.

Reporting structure

Reports to: Principal Research Fellow

Your role

As the appointee, you will work closely with the project management team and key stakeholders in defining, creating and implementing database and data portal capabilities for the LCC and related tasks including: data advice and management; making arrangements for stakeholder communications, technical support, and collaborative workshops/training events as required.

Your key responsibilities

Design and deliver the primary database and online data management facilities for the LCC

Facilitate quality assurance and reproducibility best practices through a DevOps approach to the development and rollout of LCC data resources

Provide support within LCC research opportunities including: assisting with methods of data capture, management and analysis, and use of research tools/instrument including data analysis software

Provide assistance with data access/conversion challenges or metadata issues, to ensure the many difference sources of data are captured and managed within the core LCC data repository

Regularly attend workshops and meetings within the LCC to engage effectively with the researchers and stakeholders

Contribute to the effective functioning of the LCC management team and help deliver upon LCC's project objectives

Other duties as directed

Your specific work capabilities (selection criteria)

Relevant tertiary qualification or demonstrated equivalent competency in a relevant discipline (e.g. Computer Science, Information Technology, Health Informatics, data intensive research or data management)

Proven technical skills in one or more of the following areas: database design, database modelling, data management, in relational and/or noSQL platforms

Proven technical skills in one or more of the following areas: data integration, cloud computing or providing IT based solutions

The ability to organise and present information, views and concepts both verbal and written, in concise, understandable and interesting formats for a variety of audiences, including non-IT specialists

The ability to work cooperatively, both in person and remotely, with others to accomplish joint tasks and common objectives

Put into practice a DevOps approach to code development and documentation and taking ownership of these tasks to ensure the final outcomes are of the highest quality and complies with the organisations policies, procedures and funding requirements

Anticipate and resolve problems, being proactive to minimise issues and initiate action to deal with problems when they arise

The ability to identify, build and maintain formal and informal networks and stakeholder and vendor relationships that are important to the achievement of job objectives

Desirable

Experience with structured data modelling, ontologies and/or semantic web technologies

Experience and/or understanding of the health system/hospital environments or academic research sectors

Experience in life sciences or formal training in a life sciences discipline

Special requirements (selection criteria)

There are no special requirements

Compliance

Workplace Health & Safety

All supervising staff are required to undertake effective measures to ensure compliance with the Occupational Safety and Health Act 1984 and related University requirements (including Safety, Health and Wellbeing Objectives and Targets).

All staff must comply with requirements of the Occupational Safety and Health Act and all reasonable directives given in relation to health and safety at work, to ensure compliance with University and Legislative health and safety requirements. Details of the safety obligations can be accessed at <http://www.safety.uwa.edu.au>

Inclusion & Diversity

All staff members are required to comply with the University's Code of Ethics, Code of Conduct and Inclusion and Diversity principles. Details of the University policies on these can be accessed at <http://www.hr.uwa.edu.au/policies/policies/conduct/code>, <http://www.web.uwa.edu.au/inclusion-diversity>.