

ECU-UoP Joint PhD Scholarship

PROJECT DETAILS

Project Title:

Establishing minimum standards for injury data systems to promote and support prevention efforts in Defence settings.

Project Summary:

There is a long history of injury surveillance globally, largely informed by standards and approaches established in the 1990s/2000s. Developments in health-system data governance, properties and structures mean there is a need to update these principles to modernise injury surveillance. This project will identify the key structures and properties of injury data systems and develop specifications for digital data structures, cybersecurity protections, and governance oversight to inform a legally compliant data infrastructure to support injury prevention decision-making in Defence. It will identify essential injury data system characteristics and requirements, deficiencies and gaps in current systems and prioritise areas for remediation.

Preferred Applicant Skillset:

A motivated PhD candidate with excellent critical thinking and problem-solving skills, together with an appreciation of their application in real-world settings. Candidates should have a passion for methodological rigour, and strong writing skills. They will have a background in at least one of the following areas: epidemiology, data science, computer science, cybersecurity, public health, or systems thinking. Experience in a defence context, or with injury data or health data surveillance systems, would be advantageous. Applicants must meet the requirements of a baseline security clearance.

Primary Contact:

Professor Caroline Finch AO

Tel: +61 466 438 067

Email: c.finch@ecu.edu.au