

Position Title:	Research Fellow
Position Classification:	Level B
Position Number:	NEW
Faculty/Office:	Faculty of Science
School/Division:	School of Earth Sciences
Centre/Section:	Centre for Exploration Targeting
Supervisor Title:	Senior Research Fellow
Supervisor Position Number:	313869

Your work area

The Centre for Exploration Targeting (CET) in the School of Earth Sciences at The University of Western Australia is a leading research centre in mineral system science applied to ore deposits. The CET provides a dynamic learning environment where the pressing problems of the mineral exploration industry can be addressed by teams of researchers using their collective expertise. This multidisciplinary team approach allows the CET to develop innovative research solutions consistent with its mission 'to increase both the rate and quality of discoveries made in mineral exploration, without relying on substantial increases in exploration expenditure'.

Reporting Structure

Reports to: Senior Research Fellow

Your role

The role presents an exciting opportunity to join an established team of researchers leading the 3-year 'Yilgarn 2020' project to enhance our understanding of the metallogeny of the Archean Yilgarn Craton.

As the successful appointee, you will play a key role in examining the early architecture of the Craton by examining how early-formed and long-lived structures apply a critical control on metal prospectivity at the camp scale as well as contributing to supervision of Honours and PhD students.

Key responsibilities

Provide input into the planning and design of the research.

Develop research materials

Undertake field work and data collection

Disseminate knowledge through publication in highly ranked peer reviewed journals of international standing

Proactively support the research team in driving the research program forward

Active participation in research group meetings, and other School meetings

Other duties as directed.

Your specific work capabilities (selection criteria)

PhD qualification in Geoscience

Experience working in a team that has exerted international impact in this field of research.

Demonstrated core expertise in field geology and mapping of Precambrian terranes

Demonstrated experience working from drill core

Experience in structural geology across scales

Experience in lithofacies analysis of volcanic terrains and lithostratigraphic compilation

Experience in geochronology

Experience in structural geophysical interpretation

A demonstrated ability to work productively in a team

Excellent interpersonal and communication skills

Experience in the supervision of undergraduate and postgraduate student researchers

Desirable

Experience in geochronology

Knowledge of mineralising systems

A record of establishing and maintaining effective, positive relationships with the exploration industry in general

Special Requirements

None

Compliance

Workplace Health and 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>

Equity and Diversity

All staff members are required to comply with the University's Code of Ethics and Code of Conduct and Equity and Diversity principles. Details of the University policies on these can be accessed at http://www.hr.uwa.edu.au/publications/code_of_ethics, <http://www.equity.uwa.edu.au>