POSITION DESCRIPTION

Position Title: Research Fellow
Organisation Unit: Centre for Social Responsibility in Mining
Position Number:
Type of Employment: Full time, Fixed-term
Classification: Research Academic Level B

THE UNIVERSITY OF QUEENSLAND

The University of Queensland (UQ) contributes positively to society by engaging in the creation, preservation, transfer and application of knowledge. UQ helps shape the future by bringing together and developing leaders in their fields to inspire the next generation and to advance ideas that benefit the world. UQ strives for the personal and professional success of its students, staff and alumni. For more than a century, we have educated and worked with outstanding people to deliver knowledge leadership for a better world.

UQ ranks in the world's top universities, as measured by several key independent ranking, including the CWTS Leiden Ranking (32), the Performance Ranking of Scientific Papers for World Universities (40), the US News Best Global Universities Rankings (42), QS World University Rankings (47), Academic Ranking of World Universities (54), and the Times Higher Education World University Rankings (66). Excluding the award component, UQ is now ranked 45th in the world in the ARWU, and is one of the only two Australian universities to be included in the global top 50.

UQ has an outstanding reputation for the quality of its teachers, its educational programs and employment outcomes for its students. Our students remain at the heart of what we do. The UQ experience – the UQ Advantage – is distinguished by a research enriched curriculum, international collaborations, industry engagement and opportunities that nurture and develop future leaders. UQ has a strong focus on teaching excellence, winning more national teaching excellence awards than any other in the country and attracting the majority of Queensland’s highest academic achievers, as well as top interstate and overseas students.

UQ is one of Australia’s Group of Eight, a charter member of edX and a founding member of Universitas 21, an international consortium of leading research-intensive universities.

Our 53,000-plus strong student community includes more than 16,400 postgraduate scholars and more than 17,000 international students from 135 countries, adding to its proud 260,000-plus alumni. The University has more than 6,600 academic and professional staff (full-time equivalent) and a $2.15 billion annual operating budget. Its major campuses are at St Lucia, Gatton and Herston, in addition to teaching and research sites around Queensland and Brisbane city. The University has six Faculties and four University-level Institutes. The Institutes, funded by government and industry grants, philanthropy and commercialisation activities, have built scale and focus in research areas in neuroscience, biomolecular and
biomedical sciences, sustainable minerals, bioengineering and nanotechnology, as well as social science research.

UQ has an outstanding track-record in commercialisation of our innovation with major technologies employed across the globe and integral to gross product sales of $11billion+.

UQ has a rapidly growing record of attracting philanthropic support for its activities and this will be a strategic focus going forward.

Organisational Environment

The University of Queensland's Sustainable Minerals Institute (SMI) is a world-leading research institute integrating the expertise of technical, environmental and social specialists to deliver responsible resource development across the life of mine. We are dedicated to finding knowledge-based solutions to the sustainability challenges of the global minerals industry, and training the next generation of industry leaders.

SMI is home to six research centres and a Centre of Excellence based in Chile. We have a strong track record in developing world leading solutions in exploration, mining, mineral processing, workplace health and safety, mine rehabilitation, social responsibility, water and energy.

At SMI, we are truly independent, objective and rigorous and our researchers have experience working across the research, government and industry sectors. We offer professional development training to many of our partners and can tailor courses to suit industry trends or company needs. We offer supervision to PhD students and are proud that our alumni are now in senior roles in resource companies and government organisations around the world.

SMI comprises seven major research Centres:

- WH Bryan Mining and Geology Research Centre
- Julius Kruttschnitt Mineral Research Centre
- Centre for Social Responsibility in Mining
- Minerals Industry Safety and Health Centre
- Centre for Mined Land Rehabilitation
- Centre for Water in the Minerals Industry
- International Centre of Excellence in Chile


Centre for Social Responsibility in Mining (CSRM) focuses on the social, cultural, economic and political challenges that occur when change is brought about by mineral resource extraction. The Centre contributes to industry change through independent research, teaching and by convening and participating in multi-stakeholder dialogue processes. The team consist of anthropologists, sociologists, political scientists, economists, engineers, development and natural resource specialists.

Information for Prospective Staff

Information about life at UQ including staff benefits, relocation and UQ campuses is available at - http://www.uq.edu.au/current-staff/working-at-uq
The University of Queensland Enterprise Agreement outlines the position classification standards for Levels A to E.

**DUTY STATEMENT**

**Primary Purpose of Position**

To engage, as a Research Fellow, in research and teaching that furthers the development of the Institute's Complex Ore Bodies program, as well as performing research, administrative and other activities associated with the Centre for Social Responsibility in Mining (CSRM).

The successful appointee will have an important role in the conduct of funded research projects being undertaken by a dynamic multidisciplinary team. The first aim of the fellowship will be to contribute to the Complex Ore Bodies program of work. The successful fellow will engage in research that examines the emerging resource development patterns: from the responsible closure and relinquishment of extractives projects, through to just transitions in forming of a decarbonised economy. The project will contribute to the development of models and approaches aimed at improving our understanding of social-technical interfaces and their influence over these emerging themes. The appointee will draft project reports and working papers and author or co-author academic publications as well as take on some responsibility for project management of Centre projects.

**Duties**

Duties and responsibilities include, but are not limited to:

**Research**
- Support existing cross-centre collaborations at the SMI, primarily through the Complex Ore Bodies initiative and the Social Aspects of Mine Closure Research Consortium
- Developing a contextual understanding of the critical social, geographic, geological, economic, environmental and regulatory aspects associated with resource development projects, markets and emerging global initiatives
- Manage a variety of different cross-centre data sets using ArcGIS and other data management platforms
- Contributing to the academic and professional profile of the Institute by publishing research papers and presenting at academic and industry conferences
- Preparing research reports, drafting journal articles, and presenting results and research findings to a range of difference audiences – research organisations, industry, government and civil society
- Service major industry-research partnerships, such as with Rio Tinto, MMG, Oceana Gold, Newcrest and UQ-Industry consortiums, in particular the Social Aspects of Mine Closure Research Consortium and the Mining and Resettlement Consortium.

**Student supervision**
- Contribute to the effective supervision of Honours and Higher Degree by Research students.

**Service and Engagement**
- Report writing when required
- Contributing to the work of the Institute through active participation in decision making and committee service
- Teaching, training and workshop contributions as required
• Performing other administrative duties as required

Other

• Ensure you are aware of and comply with legislation and University policy relevant to the duties undertaken, including: the University’s Code of Conduct
• requirements of the Queensland occupational health and safety (OH&S) legislation and related OH&S responsibilities and procedures developed by the University or Institute/School
• the adoption sustainable practices in all work activities and compliance with associated legislation and related University sustainability responsibilities and procedures
• requirements of the Education Services for Overseas Students Act 2000, the National Code 2007 and associated legislation, and related responsibilities and procedures developed by the University

Organisational Relationships

The position reports to Professor John Owen, CSRM Deputy Director, with a dotted reporting line to the Complex Ore Bodies Program Leader, Professor Rick Valenta.

SELECTION CRITERIA

Essential
• PhD in the area of Human Geography, Landscape Ecology, Economics or a related field
• Demonstrated expert knowledge of GIS, high quality mapping and data visualisation products and tools
• Demonstrated knowledge of the social and environmental aspects of mining and sustainable development
• Established record of publication in high quality outlets
• An ability to establish relationships and to represent and promote academic discipline at a university and wider community level, including industry, government and professional bodies
• Evidence of a contribution to research, including working on successful external grant applications
• Ability to work collaboratively with colleagues in a multi-disciplinary environment.

Desirable
• Developed industry liaisons and professional contacts
• Experience in liaising and collaborating with external agencies to develop co-operative research initiatives
• Demonstrated knowledge of statistics, quantitative data analyses and related applications such as R or SPSS

Please refer to the Criteria for Academic Performance policy PPL 5.70.17 when developing the duties and selection criteria for academic roles.
Qualification Verification

An appointment to this position is subject to the verification of the highest academic qualification from the conferring institution.

Vaccinations and Immunisation

It is a condition of employment for this role that if you are required now or in the future, to work or interact in Queensland Health clinical facility; or in an equivalent clinical health facility; or health care role; or will be required to perform work tasks that put you at risk of exposure to vaccine-preventable disease you are required to be immunised against, and remain immunised against, certain vaccine preventable diseases (VPDs) in accordance with the University’s Vaccinations and Immunisation Guidelines (PPL 2.60.08). The employee is required to provide evidence of immunisation against VPDs.

The University of Queensland values diversity and inclusion and actively encourages applications from those who bring diversity to the University. Please refer to the University’s Diversity and Inclusion webpage (http://www.uq.edu.au/equity) for further information and points of contact if you require additional support.

This role is a full-time position; however flexible working arrangements may be negotiated.

Accessibility requirements and/or adjustments can be directed to recruitment@uq.edu.au.