

Job Description

Job Title	Research Scientist
Reference	34720
Location	UWO Main Campus
Faculty/Unit	Faculty of Science
Department	Earth Sciences
Full/Part Time	Full-Time
Employee Group	Non Union
Appointment Type	Contract
Appointment Status	Temporary Full-Time

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Classification & Regular Hours

Hours per Week: 35

Salary Grade: R2

Please note, this is an 18 month temporary full time contract opportunity covering a leave.

About Western

With an international reputation for success, Western ranks as one of Canada's top research-intensive universities. Our research excellence expands knowledge and drives discovery with real-world application. Western also provides an exceptional employment experience, offering competitive salaries, a wide range of employment opportunities and one of Canada's most beautiful campuses.

About Us

Earth Sciences mission is the continued development of research and teaching programs that excel at the international level. These programs cover a broad base and a diverse range of topics in the Earth Sciences, and are currently grouped into four themes: Earth and Planetary Systems, Resource Geoscience, Tectonic Processes and Natural Hazards and Earth Evolution: Surface, Life and Climate. On a broader scale, our mission is to promote Earth Science literacy within the University and within society in general.

Responsibilities

The Research Scientist will provide expertise, guidance and consultation related to a variety of research and teaching functions in the area of petrology in the Department of Earth Sciences. The role will oversee research and outreach operations within the Richard W. Hutchinson Geoscience Collaborative Suite facility and for the Department collection, including managing and maintaining geological material research and outreach collections for the purpose of education, research, and outreach, and will foster research collaborations, and provide guidance to researchers, students, post-doctoral fellows, alumni, donors and other external stakeholders to engage in research, facilitate learning, increase student enrolment, generate revenue/donations, acquire new samples/specimens, and resolve research problems or issues that arise. The role will facilitate teaching and research by providing guidance on research design and related equipment and supplies, as well as best approaches for project development, implementation, and evaluation. The role will carry out and oversee original and independent research, develop new research initiatives, and complete grant applications, along with developing outreach curricula and programs to engage youth in the Earth Sciences. The Research Scientist will also create and maintain research and collections databases, analyze research results, publish and present findings, and develop new and innovative research approaches to achieve desired research outcomes.

Qualifications

Education:

- Masters in Earth Sciences, Geology or related discipline
- PhD is preferred

Experience:

- 2 years working experience in a related academic research environment
- Experience in the curation of rocks and minerals
- Experience in developing curriculum and materials for public education and outreach
- A strong publication record including first author publications is preferred
- Field experience working with rocks and minerals would be an asset

Knowledge, Skills & Abilities:

- Demonstrated expertise of scientific/research principles in petrology including igneous, metamorphic and sedimentary rocks and minerals
- In-depth knowledge of methods for research design, implementation, and analysis
- Knowledge of best practices for reviewing and writing grant proposals
- In-depth knowledge of techniques for updating, managing and extracting data from a research database
- Knowledge of the regulations and guidelines governing research in an academic environment
- Project management skills to manage projects from conception to completion within tightly prescribed timelines
- Ability to ensure expenditures and resources are within allotments, and to make appropriate modifications when required
- Ability to collaborate across internal and external boundaries to meet common objectives, improve outcomes and support work beyond one's own unit
- Well-developed public speaking skills to engage individuals and audiences inside and outside the University
- Ability to plan and manage events of various sizes; familiarity with large scale events an asset
- Communication skills to convey information in a credible way to garner support
- Ability to work in a manner that models best practices in confidentiality standards
- Ability to provide solutions and ideas for improvement by using imaginative approaches where constructive thinking and innovation are required
- Attention to detail with an ability to retrieve, analyze and synthesize sizable amounts of data, while ensuring that information is accurate and comprehensive

- Ability and willingness to stay abreast of technological developments
- Advanced skills in software and applications used to produce and analyze research outcomes
- A desire to grow and advance skills, which is demonstrated by attending conferences, workshops and other professional developmental opportunities to enhance performance
- Ability to remain highly motivated, resilient, innovative, and collaborative when faced with challenges
- Ability to work within a flexible schedule to accommodate the Unit's events and activities
- Ability to provide guidance to assist others in solving complex problems
- Possess a reputation for resourcefulness with a strong sense of accountability and initiative
- Ability to interpret and identify key results or patterns in complex research data, and succinctly summarize findings
- Ability to coach employees and support them to be self-directed and responsible for their own development and learning
- Ability to evaluate issues, recognize potential problems and take action to proactively resolve issues
- Ability to adhere to legislated safety requirements and Western safety policies
- Ability to work independently and effectively as a member of the team to achieve department goals
- Familiarity with University policies and procedures preferred

Background Checks

Please note, successful applicants may be required to produce a current vulnerable sector record check(s) from a police service prior to commencing employment.

Western Values Diversity

The University invites applications from all qualified individuals. Western is committed to employment equity and diversity in the workplace and welcomes applications from women, members of racialized groups/visible minorities, Indigenous persons, persons with disabilities, persons of any sexual orientation, and persons of any gender identity or gender expression.

Accommodations are available for applicants with disabilities throughout the recruitment process. If you require accommodations for interviews or other meetings, please [contact Human Resources](#) or phone 519-661-2194.

Please Note:

We thank all applicants for their interest; however, only those chosen for an interview will be contacted.

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