

## POSTDOCTORAL POSITION IN Mineral Processing Technologies

Dr. Qingxia Liu

Dr. Qingxia Liu invites applications for two postdoctoral fellowship positions to work on various research projects in the area of mineral processing technologies at the University of Alberta in Edmonton, Alberta, Canada.

### Job Description

1. Conducting research to support the interfacial science, mineral processing and other related research in Prof. Qingxia Liu's lab including preparation of technical reports, organizing research group meetings, technical presentations, and review and publish scientific papers and technical reports.
2. Assisting the PI to prepare and submit proposals for research grant applications from government, industry and the private sector.
4. Arranging technical review meetings and communications with sponsors, collaborators and partners of the related projects of the PI's lab.
5. Evaluating, purchasing, installing and operating research instruments within assigned pool of projects.

### Qualifications

- PhD in Chemical and Materials Engineering, Chemistry or related area.
- R&D experience in interfacial science, physical chemistry and/or mineral processing is preferred.
- Knowledge and research skills in nucleation and crystallization is an asset.
- Experience in composite materials, particularly in Cellular Structure of Materials relating to physical properties is preferred.
- Self-starter and motivator with the mind-set of focusing on deliverables and getting the job done.
- Demonstrates leadership and creative thinking in a team environment.
- Hands-on experience with creative research of interfacial sciences relative to clean coal/carbon and mineral processing.
- Hands-on experience with the supervision of graduate students.
- Proven skills in writing technical reports and journal papers.
- Excellent communication, interpersonal and organization skills.
- Ability to work in a team environment.
- Familiarity with all relevant laboratory safety codes and practices.

### To Apply:

Application instructions. Forward your CV and contact information for three references to:

Patricia Siferd

[siferd@ualberta.ca](mailto:siferd@ualberta.ca)

T: 780 492-1375 (+1 if outside Canada)

### Closing date:

Will be open until the position(s) are filled.

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

*The University of Alberta offers appointments on the basis of merit. We are committed to the principle of equity in employment. We welcome diversity and encourage applications from all qualified women and men, including persons with disabilities, members of visible minorities and Aboriginal persons.*