POSTDOCTORAL POSITION IN MINERAL PROCESSING TECHNOLOGIES
Dr. Qingxia Liu

Job Description

• 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.
• Assisting the PI to prepare and submit proposals for research grant applications from government, industry and the private sector.
• Arranging technical review meetings and communications with sponsors, collaborators and partners of the related projects of the PI’s lab.
• 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:

Dr. Qingxia Liu
qingxia.liu@ualberta.ca
780 492-1119 (+1 if outside Canada)

Closing date:
Position open until filled.

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

The University of Alberta is committed to an equitable, diverse, and inclusive workforce. We welcome applications from all qualified persons. We encourage women; First Nations, Métis and Inuit; members of visible minority groups; persons with disabilities; persons of any sexual orientation or gender identity and expression; and all those who may contribute to the further diversification of ideas and the University to apply.