



The University of Saskatchewan values diversity, and Aboriginal engagement is a strategic priority.

Research Technician (Canadian Rocky Mountains)

Status: Term up to 24 months with possibility of extension

Primary Purpose: The Centre for Hydrology at the University of Saskatchewan is seeking a Research Technician to support research projects primarily conducted in the Canadian Rocky Mountains. This position is based at the U of S Coldwater Laboratory, Canmore, Alberta. This will be a full-time, term position for two years with a targeted start date of October 15, 2021. Starting salary is commensurate with abilities and experience.

Accountabilities:

- Organizing and conducting field work for the Canadian Rockies Hydrological Observatory;
- Keeping orderly and accessible records of field equipment, experimental field notes and records, experimental plans;
- Managing and maintaining the laboratories, field sites, vehicles and field investigations of the CRC;
- Purchasing, and maintaining scientific equipment for field and laboratory studies; Assisting with scientific reporting of the CRC pertaining to national and international scientific, financial and administrative agreements, with special responsibility for experimental field studies and data analysis reporting; Organizing, archiving, updating, graphing and reviewing scientific data; Conducting guided scientific analysis in support of CRC activities with an emphasis on mountain hydrology research;
- Contributing to the communications and visibility of the CRC, office, experiments, personnel and students;
- Training research staff and students as to proper experimental techniques, protocols and activities, and safety in mountains and on glaciers; and
- Other research duties specified by Professor Pomeroy.

Qualifications:

Education: Completion of a post-secondary degree (BSc or higher) in physical environmental sciences or engineering with a specialization in hydrological or related sciences.

Experience: Required experience includes: hydrometeorological fieldwork; snow surveying; measurements of stream discharge, soil moisture, and near-surface meteorology; operating and programming Campbell Scientific dataloggers and micrometeorology/hydrology sensors; quality assurance and control of hydrometeorological data; operating ATV's, snowmobiles and towing with a 4x4 truck; working on tall meteorological towers; logistics in wilderness outdoor operations; glacier and high mountain travel.

Skills:

Ability to:

1. organize fieldwork to meet scientific goals and objectives in a cost effective, quality assured manner.

2. work independently with a minimum of supervision;
3. supervise staff and students;
4. maintain meteorological, snow and hydrological sensors and mechanical equipment,
5. manage observed and telemetered data on Windows-based computers using various data retrieval and database programs;
6. program Campbell dataloggers and remote telemetry systems; and
7. snowshoe, ski, travel on glaciers, travel in avalanche zones safely and work outdoors in adverse conditions in the Canadian Rocky Mountains.

Personal Suitability: Must demonstrate effective interpersonal relationships, reliability, integrity, alertness, physical fitness and cooperativeness. Must display initiative and good judgement in decision-making.

Conditions of Work: Must possess a valid driver's license and be able to operate a variety of vehicles. Must possess valid First Aid and CPR certificate. Willingness to work in remote wilderness locations, use mountaineering skills, climb tall meteorological towers. Position is based at the Coldwater Laboratory, Canmore, Alberta.

Review of applicants will begin on October 1, 2021. The position will remain open until a suitable candidate is found. Email your CV, cover letter, and names and contact information of three references to centre.hydrology@usask.ca

Distinguished Professor John Pomeroy
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The University of Saskatchewan is strongly committed to a diverse and inclusive workplace that empowers all employees to reach their full potential. All members of the university community share a responsibility for developing and maintaining an environment in which differences are valued and inclusiveness is practiced. The university welcomes applications from those who will contribute to the diversity of our community. All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority.