

**JOB TITLE: Research Technician (Canadian Rocky Mountains)**

**DEPARTMENT:** Geography and Planning/Centre for Hydrology, University of Saskatchewan

**STATUS:** This will be a full-time, term position for two years with a targeted start date of February 16, 2021.

**SALARY INFORMATION:** Starting salary is commensurate with abilities and experience.

**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.**

**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:

- organize fieldwork to meet scientific goals and objectives in a cost effective, quality assured manner.
- work independently with a minimum of supervision;
- supervise staff and students;
- maintain meteorological, snow and hydrological sensors and mechanical equipment,
- manage observed and telemetered data on Windows-based computers using various data retrieval and database programs;
- program Campbell dataloggers and remote telemetry systems; and
- 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 January 27, 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](mailto:centre.hydrology@usask.ca)

Distinguished Professor John Pomeroy  
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[www.usask.ca/hydrology](http://www.usask.ca/hydrology)  
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*We are committed to providing accommodations to those with a disability or medical necessity. If you require an accommodation in order to participate in the recruitment process, please notify us and we will work together on the accommodation request.*

*The University of Saskatchewan's main campus is situated on Treaty 6 Territory and the Homeland of the Métis. We pay our respects to the First Nations and Métis ancestors of this place and reaffirm our relationship with one another. Together, we are uplifting Indigenization to a place of prominence at the University of Saskatchewan.*