

Yukon University
Statement of Qualifications
Research Professional, Northern Hydrology

Department: Yukon Research Centre
Location: Whitehorse
Date: March, 2022

Essential Qualifications (assessed in screening process)

Education and Training:

Minimum of completed Master's in a relevant field preferred; or Indigenous knowledge keeper of equivalent level as recognized by their community; or completed Bachelors in relevant field and minimum 5 years related experience

Demonstrated Abilities:

Experience supporting partnered research projects with Indigenous communities and governments on research activities
Ability to design and carry out complex research projects in an academic environment

Licences/certificates: Class 5 drivers' license

Desirables:

Professional experience in northern scientific research, ideally related to climate change or cold climate hydrology
Relevant programming experience: R, Python, MATLAB, Labview, Solidworks, ArcGIS

Rated Qualifications (factors assessed through interview, etc.)

Knowledge of:

1. Current discipline-specific research and knowledge.
2. Multi-disciplinary research methodologies and their application in a northern context.
3. Research compliance issues and funding agencies policies and processes
4. Analytical research methodologies and their application in a northern, cross-cultural setting
5. Collaborative programming environments
6. Yukon scientific and technical communities
7. First Nation, Inuit, and Metis traditional beliefs and practices

Abilities:

1. Ability to establish and maintain effective working relationships with a variety of government, non-government and academic organizations
2. Ability to perform administrative duties
3. Ability to read, understand and effectively communicate, both professional and lay audiences, complex scientific ideas
4. Ability to interpret financial, legal, and scientific documents
5. Ability to articulate protocols for working with Yukon First Nations
6. Strong computer skills including relevant programming experience using, R, Python, MATLAB, Labview, Solidworks, and/or ArcGIS.

Personal Suitability:

1. Strong oral, written and communication skills, including the ability to read, understand and effectively communicate, to both professional and lay audiences, complex scientific ideas
 2. Strong inter-personal, organizational, problem-solving, critical-thinking, time management, and creative skills, and a demonstrated ability to initiate actions and work with minimal supervision
 3. To work effectively with other institutions, branches, agencies and First Nations
 4. Flexibility and adaptability to changing work demands
 5. Ability to positively represent the YRC and Yukon University with colleagues, clients and the community
 6. Ability to work in a team environment – taking and receiving suggestions from the team as well as contributing positive input to the team
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