



# Indigenous.Link

Canada's fastest growing Indigenous career portal, Careers.Indigenous.Link is pleased to introduce a new approach to job searching for Indigenous Job Seekers of Canada. Careers.Indigenous.Link brings simplicity, value, and functionality to the world of Canadian online job boards.

Through our partnership with Indigenous.Links Diversity Recruitment Program, we post jobs for Canada's largest corporations and government departments. With our vertical job search engine technology, Indigenous Job Seekers can search thousands of Indigenous-specific jobs in just about every industry, city, province and postal code.

Careers.Indigenous.Link offers the hottest job listings from some of the nation's top employers, and we will continue to add services and enhance functionality ensuring a more effective job search. For example, during a search, job seekers have the ability to roll over any job listing and read a brief description of the position to determine if the job is exactly what they're searching for. This practical feature allows job seekers to only research jobs relevant to their search. By including elements like this, Careers.Indigenous.Link can help reduce the time it takes to find and apply for the best, available jobs.

The team behind Indigenous.Link is dedicated to connecting Indigenous Peoples of Canada with great jobs along with the most time and cost-effective, career-advancing resources. It is our mission to develop and maintain a website where people can go to work!

Contact us to find out more about how to become a Site Sponsor.

Corporate Headquarters:

Toll Free Phone: (866) 225-9067

Toll Free Fax: (877) 825-7564

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# Job Board Posting



Careers.Indigenous.Link

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## Research Associate - RAMP

<b>Job ID</b>	<b>67-87-AB-2B-F6-11</b>	
<b>Web Address</b>	<a href="https://careers.indigenous.link/viewjob?jobname=67-87-AB-2B-F6-11">https://careers.indigenous.link/viewjob?jobname=67-87-AB-2B-F6-11</a>	
<b>Company</b>	Saskatchewan Polytechnic	
<b>Location</b>	Saskatoon, Saskatchewan	
<b>Date Posted</b>	From: 2022-11-30	To: 2023-01-29
<b>Job</b>	Type: Full-time	Category: Education
<b>Languages</b>	English	

### Description

1. In conjunction with the Research Chair and other team members, contribute to development of research objectives, scope projects, and write project/grant proposals in an applied and partner-driven framework.
2. Work within project timelines to ensure project progress.
3. Provide training, supervision and mentorship to student research assistants and technologists.
4. Collaborate with research team members to choose research methods and experimental approaches.
5. Under minimal guidance, conduct design and manufacturing tasks utilizing methodologies suitable to the research question. These tasks may include identifying customer needs and key product specifications, concept generation and selection, modelling, strength and materials analysis and selection, computer numerical control generation, prototype fabrication, and integration of electronic systems as needed.
6. Assess, interpret, and evaluate outcomes of research.
7. Actively participate in meetings with partner organizations and industry clients, and act as primary point of contact when delegated.
8. Contribute to preparation of reports of completed projects for partners, publication in technical journals, community presentations, or other knowledge mobilization activities.
9. Collaborate with internal and external contacts such as educational, funding, and research bodies.
10. Implement safety protocols related to the area of research.
11. Contribute to creating a positive, diverse, and inclusive work and learning environment.

### Experience

Preferred, minimum five years' work experience in a technical, research and/or project management role. Applied research experience is considered an asset.

### Education Requirements

A Diploma in a relevant field (such as Design and Manufacturing Engineering Technology) or a comparable amount of education and experience. A Baccalaureate and/or Master's degree in a related discipline is considered an asset, and/or a technical specialty that complements the existing skill set in the team.

Must be proficient in Computer Assisted Design (CAD), Computer Assisted Manufacturing (CAM), surface and solid modelling, Finite Element Analysis (FEA), and Computer Numerical Control (CNC). Experience with Inventor and Mastercam is preferred. Experience must include operating multiple CNC equipment such as a 3D printer, 5-axis mill, robot welder, and a waterjet or laser cutter.

### Essential Skills

Must have experience integrating an embedded electronic system with a mechanical system. Programming experience in C or Python is preferred. Embedded electronic systems design experience is considered an asset.

Demonstrated technical foundation in research methods, including skills in data analysis, interpretation, and reporting.

Ability to provide technical assistance to others in laboratory settings

Effective and creative problem-solving skills with attention to detail.

### How to Apply

Click "Apply Now"