



### ***Student Employment Opportunity***

#### **Unique Opportunity to Join the Canadian Resources Infrastructure Resilience Nexus (CRIRN)**

A research, development, and innovation facility housed within Natural Resources Canada

CRIRN is a dynamic multidisciplinary team of research engineers, intelligence analysts, and scientific experts that undertake projects / initiatives to address all-hazards threats to resources infrastructure systems. Specific activities include:

- Tailored pilot projects to address resources infrastructure security challenges, vulnerabilities, and mitigation measures;
- Machine learning (ML) / artificial Intelligence (AI) solutions to address real-world applied industry challenges;
- Sensors and data analytics;
- Hands-on knowledge and skills transfer sessions for resource infrastructure owners and operators;
- IT – OT security assessments, digitalization;
- Open source analysis and review of all-hazards threats to natural resources infrastructure systems;
- Technical advisories;
- Technology testing of critical equipment;
- Emergency management / business continuity table-top exercises;
- Infrastructure facilities assessments; and
- Research collaboration with academia

**If interested please submit your resume to** Marilyn Clarke at [marilyn.clarke@canada.ca](mailto:marilyn.clarke@canada.ca) or Andrew Lackey at [andrew.lackey@canada.ca](mailto:andrew.lackey@canada.ca).

Energy Infrastructure Security Division, Electricity Resources Branch, Low Carbon Energy Sector