


REDEVELOP trains graduate students to work across disciplines, distance and cultures. As Canada struggles to find its new normal, unconventional resources are key in our transition to a low-carbon energy future, environmental sustainability and socio-economic stability. Graduate students from Geoscience, Engineering and Public Policy are invited to submit their applications by email to the [Program Manager \(celia.kennedy@ucalgary.ca\)](mailto:celia.kennedy@ucalgary.ca). Note that this Application must be signed by both you and your supervisor.

YOUR COMMITMENT:

The goal of REDEVELOP is to produce the next generation of science and engineering leaders and policy-makers to work in the energy sector. Experiential learning is a powerful tool used to push you outside of your comfort zone. You will be assigned to an interdisciplinary, multi-university team of your peers and to a project with a **transitional energy theme**, such as: Geothermal, Hydrogen, LNG, Carbon Capture, Biomass, Lithium or combinations of Shale Gas or Tight Oil with Wind or Solar. These themes may or may not incorporate challenges associated with orphan wells, (eg. fugitive gas emissions), hydraulic fracturing (eg. induced seismicity) or the transport of bitumen (eg. pipelines). All themes will include Indigenous consultation with technical, policy, environmental and economic considerations. Teams of up to 4 students from universities across Canada will each attend weekly meetings using Zoom or Google Hangout. Your time commitment will be equal to that of a half-credit graduate course or more. Each team will elect a Project Manager and be assigned a Faculty Mentor. **Project deliverables include:**

1. A scientific/technical poster and abstract, in formats suitable for submission to an academic conference.
2. A public policy article, in a format suitable for submission to a peer-reviewed academic journal.
3. A journal report, documenting Agendas and Minutes from weekly virtual meetings completed by your team.
4. A media package (powerpoint presentation and video), to be judged in *Dragon's Den* format at our annual conference in the **Spring/Summer 2021**.

BENEFITS FOR YOU:

1. Scholarships for up to 2 years.
2. Certificate in [REDEVELOP Training](#), presented upon completion of the program. Refer to the website for details. 
3. Certificate in [Indigenous Relations Training](#) (4-day workshop offered in February).
4. Participation in the Annual REDEVELOP Conference, hosted by the University of Calgary. This 7-day event is held at the Hilton Garden Inn in Downtown Calgary and attended by subject matter experts (SMEs) from industry, government and Indigenous communities. Teams showcase their work in *Dragon's Den* format, attend field tours, SME panel discussions and workshops. *Since the 2020 Conference was delivered via Zoom due to COVID-19 restrictions, a double-cohort conference in Calgary is anticipated in 2021.*
5. Participation in an Academic Conference where technical posters will be presented by the teams. This option changes each year and is subject to acceptance by the conference host and available funding.
6. Development of professional profiles on the REDEVELOP website and LinkedIn, as well as numerous networking opportunities. You will have the opportunity to form relationships with a wide range of SMEs in western Canada.
7. Exchange Workshops and Internship Assistance are offered to REDEVELOP students during their 2nd year in the program. Internships during year-1 training are NOT recommended. Networking for post-graduation employment is a strong thrust in this program.

APPLICATION (PART 1)

To be completed by the student and their thesis supervisor.

Last Name:		First Name:		Student Number:
Email Address:		Mobile:	Home Address:	
Level of Study: <input type="checkbox"/> Bachelor <input type="checkbox"/> Masters <input type="checkbox"/> PhD <input type="checkbox"/> PDF	Program of Study: <input type="checkbox"/> Geoscience <input type="checkbox"/> Engineering <input type="checkbox"/> Policy	Program Duration: Start date (mmm yyyy): _____ (Expected) Graduation: _____ Gender: <input type="checkbox"/> M <input type="checkbox"/> F	University: <input type="checkbox"/> Alberta <input type="checkbox"/> Calgary <input type="checkbox"/> Toronto <input type="checkbox"/> Waterloo <input type="checkbox"/> Western	Status in Canada: <input type="checkbox"/> Canadian Citizen <input type="checkbox"/> Indigenous <input type="checkbox"/> Permanent Resident <input type="checkbox"/> International Student from: _____
Signature of Supervisor (may or may not be a PI).		Sub-discipline (eg., Geophysics, Geochemistry):		Signature of Student Applicant.
Thesis / Research Project Title (preliminary):				Date Signed:

----- DO NOT SEPARATE -----

CONTRACT (PART 2)

To be completed by the student and their REDEVELOP mentor.

Upon acceptance of your Application, this document will be signed by you and your REDEVELOP Mentor at a group meeting, where each aspect of the Contract will be explained. **By signing below, you are entering into a Contract, where you agree to be an active team member and acknowledge the following:**

1. This is an NSERC-funded program, with accountabilities by you, your supervisor and your REDEVELOP mentor. Scholarships will be paid to you at intervals, and may be withheld if you fail to complete all aspects of the program.
2. You recognize the course-equivalent time commitment, will attend regular meetings with your team, and will conduct yourself in a professional manner (honouring scheduled meeting times/places).
3. As part of your training, you will attend the 7-day REDEVELOP Conference in Calgary and the 4-day Indigenous Relations Training workshop (in February).
4. Team projects, including co-authorship of all members, will be submitted to the REDEVELOP Program Manager by 12:00 noon on a date **TBD in 2021**, for review by the REDEVELOP Panel of Judges **2 weeks prior** to the conference.
5. You will provide a head shot and biography paragraph to the REDEVELOP Program Manager. Bios may include details of academic degrees and career preferences (such as working in research, consulting, modelling, or the field). Are you willing to relocate? Languages spoken? Interests, athletics, community involvement? LinkedIn profile? Refer to website.
6. You agree to the inclusion of your photo and biography on the REDEVELOP website and networking handouts.

CREATE Program Privacy Notice (For Office Use Only): This is to inform you that NSERC requires CREATE Programs to collect certain personal information from participants. The purpose of gathering this information is to generate statistics that enables NSERC to report on program performance. The information collected, used and disclosed is in accordance with the federal <i>Privacy Act</i> will be shared with the CREATE Program Committee and/or contractors hired to conduct data analysis, surveys or interviews on NSERC's behalf. The <i>Privacy Act</i> gives individuals the right to access their personal information and request changes to incorrect information. For more information or to access your personal information or notify us about incorrect information, contact NSERC at CREATE@nserc-crsng.gc.ca .	Participation in REDEVELOP Start date (mmm yyyy): _____ 2020 Funding Received: Year \$ 1 \$ 2
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Signature of REDEVELOP Mentor (must be a PI).	Date Signed:
Signature of Student Applicant.	Date Signed: