



TRU Research Community,

TRU students and faculty have quickly adapted their research programs to respond to the pandemic, a process that has been made simpler through the dedicated efforts of our various ethics and compliance committees. We wish to recognize the **Debbie Krebs**, ethics and compliance officer, who has been working diligently with faculty and students to re-vision how to move forward with their research. Special thanks to **Joyce O'Mahony**, chair of the Research Ethics Board, and to board members **Rochelle Stevenson**, **Bruce Martin**, **Ken Monroe**, **Michael Woloczyn**, **Nan Stevens**, **Jennifer Shaw**, and **Sheila Blackstock**. Similar thanks goes to **Tom Pypker**, chair of the Animal Care Committee, and **Mark Rakobowchuck** and **Sarah Martin** who have stewarded the Biosafety Committee through this process.

COVID-19 research impacts

The Research Office is committed to providing up-to-date information designed to facilitate the continuation of faculty and student research during this global pandemic. [This website](#) will be updated regularly, and includes links to Tri-Agency pandemic response, information about research continuity planning, guidelines for research teams, travel awards, funding opportunities, and more. We advise you bookmark this page and check back regularly, as this situation is rapidly changing.

Remote thesis defences continue

Remote thesis defences are conducted using BlueJeans, and specific meeting connection instructions will be provided in announcements that are distributed to the TRU community.

Recent defences:

Leona Lazarus, Master of Education, "Creating a model for diversity education in Indian schools through a Canadian context."

Research initiatives

Tap into Research: Looking for presenters

We are thrilled with the response to our virtual Tap into Research series, and are currently searching for presenters for the months of August and September. If you are interested in working with us to share your knowledge with the community, contact [Danna Bach](#).

Gift of Learning
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EST. 1970



From the archive

- **Dr. Rochelle Stevenson**, [Domestic Violence in a Pandemic](#), (premiered June 10)
- **Dr. Nancy Van Wagoner**, [Volcanoes of the BC Interior](#) (premiered June 24)

Join the Experts List

More than ever, media is reaching out to TRU, searching for experts to speak on a variety of issues. Please make yourself easy to find by joining the Experts List. For more information, please reach out to [Danna Bach](#), or take a moment and [simply register online](#).

Research News

Student researchers find new ways to engage during pandemic

Twelve exceptional students have been awarded NSERC Undergraduate Student Research Awards, allowing them to spend the summer answering important research questions.

[Read more](#)



Research asks what it means to travel ethically

Dr. Kellee Caton has been awarded a \$200,000 SSHRC Partnership Development Grant to lead research in critical tourism studies.

[Read more](#)



Graduate students share in \$70,000 federal scholarships

Kyley Drach, Fauve Garson, Breanne McAmmond, and Edward Morton have all received prestigious Canada Graduate Scholarship-Masters awards, valued at \$17,500 each.

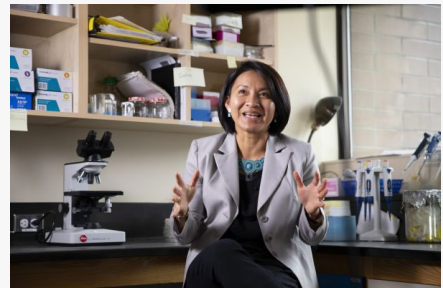
[Read more](#)



Small study subjects reap big award

Naowarat (Ann) Cheeptham is one of this year's esteemed recipients of the D2L (Desire2Learn) Innovation Award in Teaching and Learning.

[Read more](#)



Research in the media

COVID-19 shows support for home care long overdue: Tanya Sanders (nursing), co-authored this piece that appeared in *The Province*, and *Ottawa Life Magazine*, and explore how we might address gaps when it comes to addressing the gaps in Canadian long-term care.

Donald Lawrence: A fascination with optics and exploration casts an artist's eye adrift: Ernie Kroeger contributed this piece for Galleries West that explores Professor Lawrence's retrospective, *Casting the Eye Adrift*, which can be viewed at the Kamloops Art Gallery through Dec. 31.

Women may delay leaving an abusive partner if they co-own a pet: Rochelle Stevenson co-authored an article in *The Conversation Canada*, which was later reprinted

in *Halifax Today*, outlining the role companion animals play as barriers to leaving abusive partners.

60% of Indigenous people say mental health is worse due to COVID-19: Rod McCormick's expertise was sought out by *Global News* for this story exploring the impact of the pandemic on mental health in Indigenous communities. McCormick was also sought out by *Chatelaine* to provide insight on police wellness checks following the deaths of several Black, Indigenous, and People of Colour in Canada.

The economy, a vaccine and following direction: Ehsan Latif spoke to The Rocky Mountain Goat News, confirming that the economy is doing better than expected in the pandemic conditions, and that a phase of recovery has begun.

TRU's Wells Gray research centre upgrades facilities: Outgoing Dean of Science, **Tom Dickinson** details the new \$150,000 expansion to this research centre, which includes a 2,300-square foot building which replaces the one-room schoolhouse.

Canada should enshrine police body cameras into law: Robert Diab authored an article in *The Conversation Canada*, which was later republished by PRIDE, highlighting how body cameras make police conduct more transparent, and hold police more accountable.

Funding news

For the most up-to-date- news on Tri-Agency response to COVID-19, please visit the following:

- [COVID-19 Impacts on SSHRC's Policies and Programs](#)
- [NSERC program information in relation to COVID-19](#)
- [CIHR: Coronavirus disease \(COVID-19\)](#)

Please visit [COVID-19 Research Impacts](#) for more information.

[SSHRC IDG COVID-19 Grant Extensions](#)

Effective immediately, the eligibility window for the unfunded COVID-19 grant extension has been expanded to include grants ending up to May 31, 2021 (including the one-year automatic extension where applicable) **for IDG only**.

[NSERC Grants COVID-19 Extensions](#)

Two separate initiatives have been made available to the Canadian research community to help lessen the impacts due to COVID-19.

1. A special extension in time only to agency grants with an end date between February 1, 2020, and March 31, 2021, inclusively.

2. An extension with funds to active Discovery Grants (grants currently still receiving payments). Please refer to the [Frequently Asked Questions](#) for more information.

If you need assistance please navigating this process, please contact [Anita Sharma](#).

Funding opportunities (external)

For information about upcoming external funding opportunities, please consider bookmarking the [Funding Calendar](#). A new calendar for [COVID related research grants](#) has been created, and features sponsored research opportunities on the novel coronavirus.

- The internal deadline for all applications is **two weeks prior** to the listed deadline. This allows time to receive critical review, obtain support letters and appropriate institutional approval. Please contact [Anita Sharma](#) or [Megan Prins](#) at the earliest opportunity to receive extensive grant development support.

[New Frontiers in Research Fund – 2020 Exploration](#)

Deadline: Aug. 10 (NOI); Oct. 6 (full application)*

Award value: \$125,000 per year/2 years.

* *Both the Notice of Intent (NOI) and full application stages are submitted institutionally.*

The Exploration stream is designed to inspire high-risk, high-reward and interdisciplinary research. With the Exploration stream, there is recognition that innovation often carries risk; proposals for high-risk research projects that have the potential to deliver game-changing impacts are strongly encouraged.

CIHR

Spring and Fall Project Grant Updates: For an important update on the Spring Project grants being shifted to summer adjudication will impact the Fall Project Grant competition.

[Operating Grant: Active and Assisted Living Program](#)

Deadline: Aug. 24

Award value: \$353,000

As a way of expanding the opportunities for funding and engagement in international markets for ideas and industries, this program enables CIHR to leverage the value of its

funding investments by participating in transnational joint calls in eHealth research. Applicants are encouraged to register on the [AAL proposal submission website](#).

[Team Grant: More Years Better Lives \(MYBL\) 2020](#)

Deadline: Sept. 15

Amount \$250,000

**Only transnational projects will be funded. Each proposal must involve a minimum of three eligible applicants from at least three different countries participating in the call.*

“More Years, Better Lives” seeks to identify who benefits and who loses from demographic change. One key change is in the relationship between generations. Historical assumptions about mutual responsibilities and benefits may no longer be valid as we move from a three generation society to a four or five generation one. Research Areas: Income and Wealth; Caring Responsibilities; Social and Political Participation.

[Team Grant: Food Security and Climate Change in the Canadian North](#)

DEADLINE CHANGE: LOI: Dec. 31 (successful LOIs will be awarded \$25,000 to develop a full application)

Award amount: Up to 1.5 million over 4 years.

The goal of this initiative is to support multidisciplinary teams of researchers, knowledge users and/or partners to work together to address food security and climate change in the North.

SSHRC

[Connection Grants](#)

Deadlines: Aug. 1, Nov. 1, Feb. 1

Award amount: \$7,000 to \$25,000 (events); up to \$50,000 (outreach activities)

Connection grants support events and outreach activities geared toward short-term, targeted knowledge mobilization initiatives. Events and outreach activities funded by a Connection Grant may often serve as a first step toward more comprehensive and longer-term projects potentially eligible for funding through other SSHRC funding opportunities listed in SSHRC's Funding search tool.

[Partnership Engage Grants \(PEG\) COVID-19 Special Initiative](#)

Deadline: Sept. 15

Award amount: \$7,000-\$25,000

The PEG COVID-19 Special Initiative provides short-term support for small-scale, stakeholder-driven partnerships. It will allow researchers and their partners to address urgent and specific needs, challenges or opportunities through collaborations. It will also

provide a unique opportunity to foster a knowledge exchange on COVID-19 crisis related issues, challenges and impacts between postsecondary researchers and different sectors of society, including graduate students, postdoctoral researchers and other highly qualified personnel.

Partnership Engage Grants

Deadlines: Sept. 15, Dec. 15

Award amount: \$7,000 to \$25,000

These grants provide short-term and timely support for partnered research activities that will inform decision-making at a single partner organization from the public, private or not-for-profit sector. The partnerships supported through these grants respond to immediate needs and time constraints facing organizations in non-academic sectors.

Insight Grants

Deadline: Oct. 1

Award amount: Stream A: \$7,000 to \$100,000; Stream B: \$100,001 to \$400,000

Insight Grants support research excellence in the social sciences and humanities. Funding is available to both emerging and established scholars for research initiatives. Stable support for long-term research initiatives is central to advancing knowledge. It enables scholars to address complex issues pertaining to individuals and societies, and to further our collective understanding. Insight Grant research initiatives may be undertaken by an individual researcher or a team of researchers working in collaboration.

SSHRC Partnership Development Grants

Deadline: Nov 15

Value: \$75,000 to \$200,000

These grants provide support to teams/partnerships to: i) develop research and related activities in the social sciences and humanities, including knowledge mobilization and the meaningful involvement of students and new scholars, by fostering new partnerships for research and related activities involving existing and/or potential partners; or ii) design and test new partnership approaches for research and/or related activities that may result in best practices or models that either can be adapted by others or have the potential to be scaled up to a regional, national or international level.

NSERC

NSERC Idea to Innovation (I2I) Grants

Deadlines: Sept 28

Award value: \$15,000-\$350,000*

**Applicants must contact [Lincoln Smith](#) to discuss partnerships, IP, and research agreements prior to applying for this grant*

The Idea to Innovation (I2I) grants will accelerate the pre-competitive development of promising technology originating from the university and college sector and promote its transfer to a new or established Canadian company. The I2I grants provide funding to college and university faculty members to support research and development projects with recognized technology transfer potential. This is achieved through defined phases by providing crucial assistance in the early stages of technology validation and market connection

[NSERC Research Tools and Instruments grants](#)

Deadline: Oct. 25

Award value: \$7,001-\$150,000

Research Tools and Instruments (RTI) grants foster and enhance the discovery, innovation and training capability of university researchers in the natural sciences and engineering by supporting the purchase of research equipment and installations.

[NSERC Discovery Grants](#)

Deadline: NOI Aug 4 – [NOI is open and available now on Research Portal](#); Nov. 1 (external full application)

The Discovery Grants Program supports ongoing programs of research in the natural sciences and engineering with long-term goals. These grants recognize the creativity and innovation that are at the heart of all research NSERC.

[Alliance Grants](#)

Deadlines: ongoing

NSERC is pleased to announce the opening of the next phases of [Alliance grants](#). Alliance grants are now open for [Option 1](#) applications requesting over \$20,000 annually from NSERC, and [Option 2](#) applications requesting support for up to 90% or 100% of the costs of the project are now open.

Alliance grants encourage university researchers to collaborate with partner organizations, which can be from the private, public or not-for-profit sectors.

Please also see [slide deck](#) from NSERC Research and Innovation Development Officer, Pam Giberson's presentation at TRU. And an Alliance Grant application "[Top Tips](#)" document.

Government of Canada

Canadian Space Agency - [Lunar Exploration Accelerator Program \(Leap\)](#)

Deadline: [Request for Proposals-Letter of Intent](#) (rolling to March, 2022)

The Canadian Space Agency is preparing Canada's space community and collaborating sectors, including Canadian companies, universities, research institutions, and other organizations, for potential roles in the long-term exploration of the Moon. The Lunar Exploration Accelerator Program (LEAP) was created to provide a wide range of opportunities for Canadian science and technology activities in lunar orbit, on the Moon's surface, and beyond. LEAP is looking to [foster innovation in areas of strength for Canada](#), like artificial intelligence, robotics, science and health.

Foundations

[Max Bell Foundation: Project Grants and Development Grants](#)

Deadline: Ongoing

Award amount: \$10,000-\$200,000/ 1-3 years

Project Grants support clearly defined activities designed to achieve a specific objective that aligns with the Foundation's mission and criteria and that seek to support projects with a high likelihood of informing public policy and practice. Current program areas include: Health & Wellness; Education; the Environment.

Development Grants support organizations who wish to undertake short-term (typically 4 month) work that will better position them to succeed with larger projects (e.g., environmental scanning; background research; project planning; proposal development etc.). Development grants are described in more detail [here](#).

[Michael Smith Foundation for Health Research: Convening & Collaborating \(C2\), and Reach](#)

NEW Deadline: Sept. 28

Award amount: Up to \$15,000

C2 awards bring together researchers and research users to co-develop research aligned with BC's health system priorities. Reach awards bring together researchers and research users to support the dissemination of research evidence, within the context of related knowledge, and increase its potential impact. Together, teams co-develop events, activities, and/or tools, so they can share research findings and evidence with audiences who can directly use the knowledge.

[OECD Co-operative Research Programme: Biological Resource Management for Sustainable Agriculture Systems](#)

Call for applications for the funding of international conferences and research fellowships

Deadline: Sept. 10

The main objective of the programme is to strengthen scientific knowledge and provide relevant scientific information and advice that will inform future policy decisions related to

the sustainable use of natural resources in the areas of agriculture, food, fisheries and forests.

Fellowships

Horizon 2020 - Marie Skłodowska-Curie Actions - Individual Fellowships

Deadline: Sept. 9

Horizon 2020 Marie Skłodowska-Curie Actions (MSCA) - Individual Fellowships provide opportunities to researchers of any nationality to acquire and transfer new knowledge and to work on research and innovation in Europe and beyond.

Knowledge mobilization

Presentations

Hanlon, Robert J. Moderator and Organizer: "[Finding a new normal in times of human Insecurity: Thoughts on Asia.](#)" Webinar hosted by *Canada and the Asia Pacific Policy Project*, Thompson Rivers University. June 3, 2020.

Hulko, Wendy. Panelist: "Critical approaches to dementia in the pandemic and post pandemic." [Critical Dementia Network](#). June 15, 2020.

Published books, chapters & articles

Booth, D. (2020). Colin Tatz: Sports criticism, history and a 'compulsion to repair a flawed world'. *Sporting Traditions*, 37(1), 13-33. Retrieved from <https://search.informit.com.au/documentSummary;dn=164845915347747;res=IELHSS>

Brydges, T., & **Hanlon, M.** (2020). Garment worker rights and the fashion industry's response to COVID-19. *Dialogues in Human Geography*, 10(2), 195-198. doi:10.1177/2043820620933851

García-Díez, G., Ramis, R., & **Mora-Díez, N.** (2020). Theoretical study of the copper complexes with aminoguanidine: Investigating secondary antioxidant activity. *ACS Omega*, 5(24), 14502-14512. doi:10.1021/acsomega.0c01175

Hanlon, Robert J. & Christie, Kenneth. (2020). [State-Society Relations in the Era of Populist Politics: The Role of Corporate Responsibility](#). In *Routledge Handbook of Peace, Security and Development*, by Fen Osler Hampson, Alpaslan Özerdem and Jonathan Kent (eds). New York: Routledge Press.

Hanif, M. & H. H. Nguyen. (2020). *Slope-shift keying LoRa-based*

modulation doi:10.1109/JIOT.2020.3004318

***Iwabuchi, B.L., & Gosselin, L.A.** (2020). Implications of acute temperature and salinity tolerance thresholds for the persistence of intertidal invertebrate populations experiencing climate change. *Ecology and Evolution*; 00: 1–16. <https://doi.org/10.1002/ece3.6498>

Li, H., **Lien, C. -**, Wang, S. W., Wang, T., & Dong, W. (2020). Event and city image: The effect on revisit intention. *Tourism Review*, Retrieved from <https://doi.org/10.1108/TR-10-2019-0419>

McClure, R. S., Lee, J., Chowdhury, T. R., **Bottos, E. M.**, White, R. A., Kim, Y., . . . Song, H. (2020). Integrated network modeling approach defines key metabolic responses of soil microbiomes to perturbations. *Scientific Reports*, 10(1), 10882. doi:10.1038/s41598-020-67878-7

***Pageau, C.**, Tonra, C. M., **Shaikh, M.**, **Flood, N. J.**, & **Reudink, M. W.** (2020). Evolution of moult-migration is directly linked to aridity of the breeding grounds in north american passerines. *Biology Letters*, 16(6), 20200155. doi:10.1098/rsbl.2020.0155

Sanderson, D., Mirza, N., Mona Polacca, Kennedy, A., & **Lisa Bourque-Bearskin, R.** (2020). Nursing, indigenous health, water, and climate change. *Witness: The Canadian Journal of Critical Nursing Discourse*, 2(1) doi:10.25071/2291-5796.55

**Indicates student author*