



[Submit Now! Worth 1000 Words research photo contest](#)

Faculty, please encourage your students to submit photos to this contest in which they can enter to win a \$500 prize and have their work displayed in the community. **Worth 1000 Words** is a contest designed for researchers to share the discoveries made in their labs, classrooms and studios, and is our way of celebrating the ground-breaking knowledge-making that is taking place at TRU. Photos can be submitted in four categories, and winning photos in each category will receive \$500 prizes. Photographs will be displayed on campus during Research Week, and later at the Xchange Lab.

[Read more](#)



Feeling Festive

Wine for two

The Research Office is grateful to all who participated in our TRUly United Wine Raffle. We raised \$140 for the campaign, which was then matched for a total donation of \$280. The lucky winners of the wine raffle were Ginny Ratsoy and Stephanie Klassen.

Research is a great idea!

Thanks to TRUSU for organizing the campus' first ever [Holiday Fest](#), and for allowing each department and faculty to contribute to the festive fun. If you missed the tree lighting, walk on over to the Campus Commons and see if you can spot the Research light bulb.



Become a SSHRC Storyteller

If you are a faculty member supported by a SSHRC research grant, consider encouraging a research student to participate in the [SSHRC Storytellers contest](#). The Office of Research and Graduate Studies is pleased to support students through the creation of a video for submission to this program. The SSHRC Storytellers contest challenges postsecondary students to show Canadians how social sciences and humanities research affects our lives and our world. Each



year a jury selects 25 finalists to receive a \$3,000 cash prize and specialized training in research communications. A second jury then selects the final five winners, who receive an expense-paid trip for their presentations to be featured at the prestigious SSHRC Impact Awards. **Videos must be submitted by Jan. 28, at 5 pm. In order to receive support, students must contact the**

Research Office before Dec. 10.

For more information about this program, and about the supports available, please contact [Danna Bach](#), Research Communications.

Research Highlights



Welcome Mae, thank you Sarah!

The Research Office wishes to thank **Sarah Carefoot** for her services as Research Finance Officer, and to welcome **Mae Romero** into the role. Mae arrived in Canada from the Philippines in 2013, and earned her Canadian CPA and CGA designation in 2016. While in the Philippines, Mae worked as a CPA with a non-profit organization focused on micro-finance and while in that role enjoyed travelling to Italy, France, Switzerland, India and Vietnam.

Record year for investment in undergraduate research

Eleven students were awarded UREAP scholarships through the second competition of the year, meaning 41 students have been funded in 2019, for a total investment of \$250,000.

[Read more](#)



Research Coach Showcase

Thank you to the students who presented their work as part of the Research Coach Showcase. Poster presentations were made by **Kingsley Donkor's** Analytical Chemistry (CHEM 2100) class and **Denise Weisgerber's** Introduction to Research Methods in Psychology (PSYC 2110) class, and they were exceptional. Thanks to all who participated, and who showed up to support the students! If you'd like to incorporate [Research Coaches](#) into your classroom, connect with [Sukh Heer Matonovich](#), Associate Director, Student Research and Public Engagement.

[Read more](#)



Research aims to reduce barriers for women fleeing violence

Women fleeing violence often have to leave behind their pets. **Dr. Rochelle Stevenson** is working to change that.

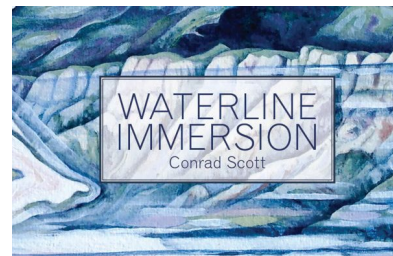
[Read more](#)



Path to poetry is winding

Conrad Scott, once a TRU undergrad, today a published poet, reflected on his research journey during a book launch and public reading in November.

[Read more](#)



Research funding in Canada with Deborah Zornes

Thank you to all those who participated in this all-day workshop with the Canadian Association of Research Administrators President Deborah Zornes. The event was well attended and offered numerous insights about the research funding environment in Canada.

[Read more](#)

Supporting Research

Research Apprenticeships Awarded

Congratulations to all faculty who applied for and received [Research Apprentice Awards](#). The awards are valued at \$3,000 each, and allow those faculty engaged in research, scholarship and creative inquiry to hire a student to assist them in accelerating their research endeavours and to provide meaningful experiences for students. Those awarded are: **Jabed Tomal, Mridula Sharma, Mark Rakobowchuk, Noeman Mirza, Kyra Garson & Amie McLean, John Church, Joyce O'Mahony, Rebecca Sanford, Sarah Marsden, Salman Kimiagari, Christopher Hunt, Sharon Brewer, Laura Lamb, Yana Nec, Claudia Gonzalez, Florriann Fehr & Nan Stevens, Manu Sharma, Lingling Jin, Andrew Park, Naowarat Cheeptham, Kingsley Donkor, Yong Joo Kang, Heather Price, Sasha Kondrashov, and Samuel Singer.**

Research Training Recognition Funds (RTRF) Awarded

Congratulations to those faculty who were awarded funds. These funds are available to faculty receiving or currently holding multi-year Tri-Agency research grants, and allow them a reallocation of workload to facilitate their direct involvement in the enhanced research training of undergraduate and graduate students. Those faculty awarded through this program include: **Louis Gosselin, Andrew Park, Jenni Karl, Mateen Shaikh, Nelaine Mora-Diez, Lingling Jin, Roger Yu, Richard Brewster, Silvia Straka, Tom Pypker, Xiaoping Shi, and Matt Reudink.**

Events

Conversation Canada | A session with editor Scott White

When: Jan. 30, 9:30-11 am

Where: Mountain Room, CAC

The Office of Research and Graduate Studies welcomes Scott White, CEO and Editor-in-Chief of



The Conversation Canada to campus for this interactive and engaging session. We invite all Conversation Canada authors to participate in this session, as well as those who are considering writing for this platform.

RSVP to Danna Bach, Research Communications

[Read more](#)

Recently in The Conversation:

- [Trump and Johnson are leading the attack against the rule of law](#), Jeffrey B. Meyers, Nov. 12
- [Love it or hate it, Tesla's Cybertruck is revolutionary](#), Michael D. Mehta, Dec. 3

Startup Coffee | Caffeine & Entrepreneurial Conversations

When: Jan. 17, 1:30-2:30 pm

Where: Common Grounds, CAC

You don't need an idea to participate. Hear what others are working on and how to get involved in the entrepreneurial community on campus.

[Read more](#)

Startup Basics: Accounting

When: Jan. 30, 5:30-6:30 pm

Where: TRU Generator, Lower Level, HOL

Glean information from a local expert versed in startup accounting.

[Read more](#)

Startup Basics: Legal

When: Jan. 30, 6:30 - 7:30 pm

Where: TRU Generator, Lower Level, HOL

Start your business off on the right foot, legally speaking, with this helpful professional advice.

[Read more](#)

Tri-Agency News

NSERC, along with CFI, CIHR, Genome Canada and SSHRC, signs the San Francisco Declaration on Research Assessment (DORA) and release a [joint statement](#).

Important information has been released regarding the new [Impact Assessment Act for NSERC grant applicants](#) conducting research activities on federal lands or in a country other than Canada.

There has been an [update on eligibility requirements](#) of paid parental leave for graduate students and postdoctoral fellows who receive granting agency funding.

Funding Opportunities (external)

For information about upcoming external funding opportunities, visit the [Funding Calendar](#)

* Note: Deadlines noted below are EXTERNAL deadlines. To receive critical institutional approval and grant development support, please reach out to [Anita Sharma](#) or [Megan Prins](#) at least **two weeks prior** to the listed deadline.

Joint initiatives

[Knowledge Synthesis Grant – Living within the Earths' Carrying Capacity](#)

Deadline: Jan. 7

Value: \$50,000

This is one of [16 new global future challenges](#) identified through SSHRC's [Imagining Canada's Future](#) initiative. SSHRC, with support from the Natural Sciences and Engineering Research Council (NSERC) and the Canadian Institutes of Health Research (CIHR), aims to foster a deeper understanding of the state of knowledge regarding the absorptive and productive capacity of global ecosystems, as well as the connections between natural and human systems.

CIHR

[CIHR – Project Grants –Spring 2020](#)

Deadlines: Spring registration, Feb. 5; Spring Application, March 4

The Project Grant program is designed to capture ideas with the greatest potential for important advances in fundamental or applied health-related knowledge, health care, health systems, and/or health outcomes by supporting projects or programs of research proposed and conducted by individual researchers or groups of researchers in all areas of health. The best ideas may stem from new, incremental, innovative, and/or high-risk lines of inquiry or knowledge translation approaches.

SSHRC

[SSHRC Insight Development Grants – PORTAL NOW OPEN](#)

Deadline: Feb. 3

Value: \$7,000 to \$75,000

Insight Development Grants (IDG) enable the development of new research questions, as well as experimentation with new methods, theoretical approaches and/or ideas. IDGs foster research in its initial stages, but are not intended to support large-scale initiatives. Funding is available to both emerging and established scholars and 50% of the budget is reserved for emerging scholars.

[SSHRC Connection Grants](#)

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

Value: \$7,000 - \$25,000 for events and up to \$50,000 for 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](#).

[SSHRC Partnership Engage Grants](#)

Deadlines: Dec. 15, March 15, June 15, Sept. 15

Value: \$7,000 - \$25,000

These grants respond to the objectives of the [Insight](#) and the [Connection](#) programs, and provide short-term support for partnered research activities that will inform decision-making at a single partner organization from the public, private or not-for-profit sector. These

partnerships are meant to respond to immediate needs and time constraints facing organizations in non-academic sectors. SSHRC welcomes applications involving [Aboriginal research](#), as well as those involving [research-creation](#).

NSERC

NSERC Alliance Grants: Option 1- Phase 2 NOW OPEN

Deadlines: Ongoing

Value: \$20,000 to \$1 million per year

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 \$30,000 annually from NSERC. Applications requesting between \$20,000 and \$30,000 annually from NSERC will be accepted beginning on **Dec. 11, 2019**.

[Option 2](#) applications requesting support for up to 90% or 100% of the costs of the project will be accepted in **early 2020**

Alliance grants encourage university researchers to collaborate with partner organizations, which can be from the private, public or not-for-profit sectors. These grants support research projects led by strong, complementary, collaborative teams that will generate new knowledge and accelerate the application of research results to create benefits for Canada.

[> NSERC Alliance Grants: Option 1- Phase 1](#)

Deadlines: Ongoing

Value: \$150,000 to \$1 million per year

Please 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

Transport Canada – Rail Safety Improvement Program-Infrastructure, Technology and Research (RSIP-ITR) Funding

Deadline: Aug.1

Value: \$500,000/1 year (% of federal funding shall not exceed 80% of expenditures)

Applicants Guide

The ITR component of the Rail Safety Improvement Program (RSIP) funds rail safety improvements that support measures to improve public safety at rail property and rail lines (both federally and provincially regulated). Funding is also available for research as well as testing and development of technologies that can enhance the safety of rail lines (both federally and provincially regulated).

Sustainable Development Goals Funding Program

Deadline: ongoing

Value: \$100,000

In 2015, Canada and all other United Nations Member States, committed to implementing the 2030 Agenda for Sustainable Development, which set 17 Sustainable Development Goals (SDGs) to eliminate poverty, protect the planet and ensure prosperity by the year 2030. The SDG program supports projects aimed at building awareness of the 2030 Agenda, increase partnerships and networks, advance research, and further Canada's implementation of the 2030 Agenda.

Government of British Columbia

WorkSafeBC: Research Grant Competition Innovation at Work

Deadlines: LOI (optional) Dec. 20; full application Feb. 14

Value: \$50,000

Innovation at Work grants support small-scale research projects that lead to the development of practical solutions to address workplace health and safety issues. Research topics should align with WorkSafeBC [research priorities](#).

Foundations

Michael Smith Foundation for Health Research - 2020 Innovation to Commercialization (I2C)

Deadlines: LOI - Jan. 27; full application, March 31

Value: Phase 1, \$150,000/year; Phase 2, an additional two years of funding of up to \$75,000/year contingent on successful renewal review and matching funding support from a non-BC government source

The MSFHR Innovation to Commercialization (I2C) Program provides funding support to help BC health researchers advance their products or technologies towards practical application to improve health outcomes, benefit society, and enrich the health innovation ecosystem in BC through contributing to talent development and a strong, sustainable knowledge economy.

Mitacs

Elevate, Postdoctoral Fellowship Winter 2019

Deadline: Jan. 8 (Intent to Apply & Conflict of Interest Declaration); Feb. 19 (full application)

Value: \$55,000 minimum (salary/stipend)

Mitacs Elevate is a postdoctoral fellowship with a customized research management-training component. Elevate Fellows progress through the program in a cohort, giving them cross-disciplinary networking and peer-learning opportunities they might not have otherwise in their careers. Over the two-year fellowship, Elevate Fellows divide their time between their partner organization project and university-based research with their faculty supervisor.

NEW Awards

1. The CIHR Institute of Health Services and Policy Research (IHSPR) is launching the 2020 competition of the **IHSPR Article of the Year Award**. Worth \$12,000, this award is intended to recognize published research in a peer-reviewed journal that has significantly contributed to the advancement of the field of health services and policy research in Canada
2. **Scholarships for Canadian academics, students and professionals: Canada-China Scholars' Exchange Program, 2020-2021**: Global Affairs Canada and the Chinese Ministry of Education are offering short-term scholarships to Canadians wishing to study abroad in China. Scholarships are awarded for studies, research, language studies or a combination of studies and language studies at participating Chinese institutions.

Funding Opportunities (internal)

TRU Internal Research Funds

Deadline: Jan. 15

Value: \$3,000-\$5,000

These are small seed funds designed to scaffold faculty development. Completion of an IRF project should significantly widen the applicant's sphere of influence in terms of their research and/or teaching.

Northcote & Brink Professorship — Call for Applications

Deadline: Jan. 30, 2020 (this is a 3-year appointment)

Value: \$10,000 per year

This Professorship honours the contributions of Dr. Tom Northcote and Dr. Bert Brink to ecology in BC. The purpose of the Professorship is to "expand Thompson Rivers University's knowledge of the connection between restoration of ecosystems and the social benefits to communities." This is a prestigious internal award that may be held by a tenured or tenure-track faculty member.

Research Coach

Deadline: Continuous intake

Value: Coaches are awarded a \$1,500 scholarship

Research Coaches are awarded Research-Informed Learning Scholarships, giving them the opportunity to help instructors design a research project for a first- or second-year class and then provide guidance to students as they plan, research and then present their research projects via participation in the Undergraduate Research Conference. There are 30 scholarships available.

Funding Opportunities (students)

RISE-Globalink Research Internship

Deadline: Dec. 15

Value: \$6,000 toward travel and accommodations

Mitacs and the German Academic Exchange Service (DAAD) have partnered to offer the [RISE-Globalink Research Internship](#) (RISE-GRI), which offers undergraduate students at Canadian universities the opportunity to undertake summer research internships at eligible German institutions. RISE-GRI pairs Canadian students with three-month projects supervised by PhD students in Germany, and is open to full-time undergraduates in biology, chemistry, computer science, physics, earth sciences, or engineering (or a closely related field) who have completed at least two years of a four- or five-year program.

NSERC Undergraduate Student Research Award Program (USRA)

Deadline: Jan. 25

Value: \$5,625

These awards are available to students in the natural sciences and engineering fields to engage in research over a 16-week period over the summer (May to August). These are competitive, federal awards. Before applying, discuss the opportunity with a faculty member with whom you would like to work.

Knowledge Mobilization

Join the Experts List

As you get ready for the fall semester, consider updating your official [Bio Page](#), and at the same time, join your colleagues on TRU's searchable [Experts List](#). The list is a great resource, and can be used to mobilize your knowledge, build partnerships and attract graduate students. Complete this [simple sign-up form](#) to be added to the directory.

Presentations

***Biddlecombe, J, T. J. Lauriente, & M. Rakobowchuk.** "The effect of exercise derived micro vesicles on insulin transcytosis by endothelial cells." Poster Presentation at the Canadian Society for Exercise Physiology Conference, November 2019, Kelowna, BC.

Hanlon, Robert. 'Corporate Social Responsibility and Human Rights'. Invited Presentation for the Department of Political Science, 18 November 2019, Okanagan College. Kelowna, Canada.

Rakobowchuk, M. "Extracellular vesicles and their potential roles in cardiovascular physiology." Invited presentation for the School of

Health and Exercise Sciences Seminar Series, 29 November 2019, UBC Okanagan, Kelowna, Canada.

Media Mention

The TRU BC-Integrated Laboratory Network (BC-ILN) project headed by TRU Chemistry faculty **Dr. Bruno Cinel** and **Dr. Sharon Brewer** was featured in the October 2019 issue of the online magazine Canadian Chemical News, in a column written by Brett McCollum, '[Networking instrumentation for remote access](#)'.

Thesis defences

Congratulations to the TRU graduate students who successfully defended their theses:

- **Roman Chapman**, MScES, "Establishment of drip-irrigated poplar in semi arid British Columbia."
- **Andrea Mackenzie**, MEd, "Inclusive collaboration: The use of the push-in model of intervention and growth mindset approach in the general mathematics classroom."

Published books, chapters & articles

Block, T. (2019). 'Most of today's teen-agers laugh about god': Youth, secularization, and the sixties in British Columbia. *BC Studies*, (203), 21-52.

***Busola Oluwafemi, T.**, Mitchelmore, S., & Nikolopoulos, K. (2019). *Leading innovation: Empirical evidence for ambidextrous leadership from UK high-tech SMEs* doi:<https://doi.org/10.1016/j.jbusres.2019.10.035>

Forseille, S., Olynyk, A., & Hamilton, K. (2019). A career mentoring tale: A story of assumptions, assessment and action. *Journal of Education Advancement & Marketing*, 4(2), 118-134. Retrieved from <https://www.ingentaconnect.com/content/hsp/jeam/2019/00000004/00000002/art00003#trendmd-suggestions>

Grey, C., MacIntosh, C., & **Marsden, S.** (2019). Canadian immigration law in the face of a volatile politics. *Dalhousie Law Journal*, 42(1) Retrieved from <https://digitalcommons.schulichlaw.dal.ca/cgi/viewcontent.cgi?article=1437&context=dlj>

Hart, M., Gorzelak, M. A., ***McAmmond, B. M.**, **Van Hamme, J. D.**, Stevens, J., Abbott, L., . . . Nevill, P. (2019). Fungal communities resist recovery in sand mine restoration. *Frontiers in Forests and Global Change*, 2

Hu, J. (2019). *Simultaneous oral-written feedback approach: Students' preference on writing response*

Mirza, N., Akhtar-Danesh, N., Noesgaard, C., Martin, L., & Byrne, C. (2019). Usefulness of abductive reasoning in nursing education. *Nurse Educator*, Retrieved from https://journals.lww.com/nurseeducatoronline/Abstract/publishahead/Usefulness_of_Abductive_Reasoning_in_Nursing.99426.aspx

Rowe, G., **Straka, S.**, Hart, M., Callahan, A., Robinson, D., & Robson, G. Prioritizing Indigenous elders' knowledge for intergenerational well-being. *Canadian Journal on Aging / La Revue Canadienne Du Vieillissement*, , 1-13. doi:10.1017/S0714980819000631

Special issue on: Risk assessment and management of carbon capture and storage: Canadian perspective (2019). Darshan, Shalu, Lawton, Donald Caleb, Meadowcroft, James & **Mehta, Michael** eds. Inderscience.

Udod, S. A., **Boychuk Duchscher, J.**, Goodridge, D., Rotter, T., McGrath, P., & Hewitt, A. D. (2019). Nurse managers implementing the lean management system: A qualitative study in western Canada. *Journal of Nursing Management*, Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/31680367>

* Indicates student author

Research news is always welcome. Please email research@tru.ca if you have news, events or accomplishments you'd like to share.