



February edition

Dear TRU Research Community,

This newsletter offers information about research funding, research events, and knowledge mobilization activities, and is designed to be inclusive and comprehensive. Right now, we are busy planning [Research Week](#), which is already filling up with great opportunities to learn about the research taking place at TRU, and to engage in research-related workshops and information sessions.

Should you have a research story to share, please [get in touch](#).

**Danna Bach, Communications
Research & Graduate Studies**

Research news

Lost to the Shoah: Bleak, unforgettable, and vitally important

In *Lost to the Shoah*, Jeff McLaughlin helps Holocaust survivor Vera Schiff tell the stories of the people she knew while at Theresienstadt.

[Read more](#)



Raising the voices of rural youth

A multi-year research project led by TRU's Dr. Bonnie Fournier reveals rural youth desire safe outdoor gathering

spaces.

[Read more](#)



Awards celebrate environmental research

Shannon Mendt and Joey Chisholm have been awarded \$7,500 Environmental Science and Natural Resource Science Fellowships for their research.

[Read more](#)



Successful Conversation Canada workshop

Thank you to all those who attended the Jan. 30 workshop with Scott White, CEO and Editor-in-Chief of the [Conversation Canada](#). This provided a great opportunity for those who have authored on the platform to share their experiences and provide feedback, and for those interested in authoring to learn about the process. For more information about becoming a Conversation Canada author, please email [Danna Bach](#).



Research initiatives

Tap into Research

As part of TRU's 50th anniversary celebration, Tap into Research is a series of pop-up lectures designed to bring research into the community. The events take place every two weeks in venues throughout the City. Thank you to **Dr.**

Michael Mehta, who presented on solar energy at Iron Road Brewing on Jan. 20, and **Dr. Jeff McLaughlin**, who presented on comics at Red Collar Brewing on Feb. 4.

Join us!

- Judy Duchscher presents, [What school doesn't teach you](#), Feb. 18, 7-8 pm, Red Collar Brewing
- Karl Larsen presents, [Will we have rattlesnakes 100 years from now?](#), March 11, 7-8 pm,



Noble Pig

Worth 1000 Words

Deadline: Feb. 15

This contest is designed for researchers to share the discovery process with us, and is our way of celebrating the innovative work taking place at TRU. Winners receive a cash prize as well as the opportunity to have their work displayed on campus, online, and in the community.

[Read more](#)



Share your knowledge during Research Week

TRU offers a trio of research communication competitions for researchers of all disciplines, **register before March 6!**

Undergraduate Researchers: In A Nutshell

- Just like the well-known Three Minute Thesis for graduate students, TRU's unique [In a Nutshell](#) is a wildly popular event that sees undergrad researchers deliver compelling presentations of their work to non-specialist judges. This event is coordinated by our Undergraduate Research Ambassadors, who have arranged amazing prizes!

Graduate Researchers: Three Minute Thesis (3MT)

- Learn how to distill your research, benefit from a series of workshops, meet and connect with other graduate students, and potentially win the top prize of \$1,000 and a place in the Western Canadian Regional competition.

180-second Research Challenge

- Prove that it is possible for professors to deliver their research in three minutes or less with only a single slide. Great prizes are up for grabs, as are bragging rights. This event is coordinated by [TRU's Faculty Research Mentors](#).



Research events

Memory Evidence in the Justice System

Feb. 11, 6 pm

HOL, 190

Presented by the TRU Psychology Club, Dr. Heather Price presents on her research, which explores the participation of children in the justice system.

[Read more](#)

Startup Basics: Laws of Attraction

Feb. 13, 5 pm

TRU Generator, Lower Level, HOL

Learn how to attract your ideal customer and to how to validate your product market fit.



[Read more](#)

Academic publishing & knowledge mobilization

Feb. 19, 11am-12:15pm

TRUSU Lecture Hall

Facilitated by Dr. Kathy Gaynor and Dr. Will Garrett-Petts, this workshop will address the changing academic publication landscape by exploring how publication practices and strategies are inextricably linked to the development of faculty research programs, grant applications, research impact; and to the maintenance of ethics and integrity in scholarship.

Shape the future of Research at TRU

Feb. 20, 11am-12pm

Executive Centre, CAC

Faculty are encouraged to drop in and provide feedback to the external reviewers for Research and Graduate Studies' Strategic Consultation.

[Read more](#)

Grad student Trivia & Networking night

Feb. 27, 5-7 pm

Mountain Room, CAC

TRU's Graduate Mentors have planned an incredible evening of fun and networking. Join in for trivia, games, and walk away with some prizes. Tickets are free, but you must [register](#).

[Read more](#)

Masters of Science in Environmental Science showcase

March 5, 3-7 pm

Scratch Cafe, Culinary Arts

Get a snapshot of the research and projects being conducted by students in Masters of Science in Environmental Science.

[Read more](#)

 THOMPSON RIVERS UNIVERSITY
**Environmental Science
Seminar Series**

Practice your Presentation Skills

March 6, 9 am-5 pm

Graduate Commons, Lower Level, Main Library

Short presentations and practice will help graduate students perfect their presentations skills. Perfect for anyone interested in the 3MT! This workshop is presented by Mitacs.

[Read more](#)

Research ethics for students | Workshop

March 11, 12pm

Undergraduate Commons, OM1522

This workshop is recommended for students, graduate and undergraduate, who will require research ethics approval.

[Read more](#)



Indigenous Health Nursing Research Symposium

March 16-20

TRU's School of Nursing hosts this symposium which brings together local leaders to advance Indigenous wellness by reconciling parallel pathways in Indigenous health nursing.

[Register now.](#)

Research award opportunities (internal)

Excellence in Research Scholarship

Apply deadline Feb. 15

This award recognizes excellence in research, scholarship, or the production of creative works over a sustained period of time that represents a significant contribution to the field of inquiry. Award winners have an excellent publication record, will have successfully competed for external funds, and actively share their enthusiasm for new knowledge creation through the supervision of students, development of new courses, programs or teaching innovations.

Distinguished Scholar Award

Application deadline Feb. 15

This award recognizes the highest achievement in scholarship, achieved over a career. It recognizes TRU scholars whose research has had a significant impact, who have established an international reputation of excellence in research, scholarship, invention, or the production of creative works, who have made a significant contribution toward the training of highly qualified people through the mentorship and supervision of students, and who have enhanced the reputation of TRU through research.

Undergraduate/Graduate Research Mentor Awards

Application deadline Feb. 15

Undergraduate and graduate students are encouraged to nominate a faculty member for the Undergraduate Research Mentor Award, or the Graduate Research Mentor Award. These awards recognize excellence and are given to faculty who help students explore, inquire, and engage in new knowledge creation, and who provide meaningful guidance and support.

Submit complete nomination packages to research@tru.ca before Feb. 15

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 contact [Anita Sharma](#) or [Megan Prins](#) at least **two weeks prior** to the listed deadline.

CIHR

Catalyst Grant: Health Effects of Vaping

Deadlines: March 25 (registration); May 20 (full application)

Award amount: \$100,000

This funding opportunity will support projects relevant to the following research areas: Youth vaping of nicotine, cannabinoid extracts, THC, and other compounds; Short and/or long-term health effects of vaping; behaviours and associated health and social impacts of vaping

product use; Mental health, addiction and dependence in the context of vaping; Vaping policy issues related to youth and/or adults; Vaping and oral health; Other areas related to the health consequences of vaping in youth and/or adults; *Studies using preclinical models, mechanistic, human and/or population-based approaches are eligible.*

[Operating Grant: New Investigator Grants in Child and Youth Health](#)

Deadline: April 20

Award amount and Duration: \$100,000 per yr/3yrs

The SickKids Foundation-CIHR-IHDCYH New Investigator Research Grants in Child and Youth Health program seeks to strengthen Canada's capacity and knowledge to respond to children's health challenges and needs. New investigators may obtain up to three years' support for research in biomedical, clinical, health systems and services, population and public health sectors that has the potential for significant impact on children's health outcomes.

[Planning and Dissemination Grants](#)

Deadline: March 17

Please see the [Sponsor Description](#) of this funding opportunity for details on funding levels specific to each participating Institute and Initiative. The specific objectives of this funding opportunity are:

- to support planning activities, partnership development and to increase understanding of the health research landscape that will contribute to the advancement of research consistent with the mandate of CIHR; and
- to support dissemination events and activities that focus on the communication of health research evidence to the appropriate researcher or knowledge-user audiences, tailoring the message and medium as appropriate.

SSHRC

[Connection Grants](#)

Deadlines: May 1, 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](#)

Deadlines: March 15, June 15, 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.

NSERC

[Collaborative Research and Training Experience Program](#)

Deadlines: May 1 (adjudicated LOI); Full application (if invited) Sept. 22. *Note: For support, please contact the Research Office no later than March 31*

The CREATE program supports the training of teams of highly qualified students and postdoctoral fellows from Canada and abroad through the development of innovative training programs that: encourage collaborative and integrative approaches, and address significant scientific challenges associated with Canada's research priorities; facilitate the transition of new researchers from trainees to productive employees in the Canadian workforce.

[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.

[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.

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

[Rapid Research Response to the 2019 Novel Coronavirus Outbreak](#)

This research response is aligned with the efforts of international partners, including the World Health Organization (WHO) and the Global Research Collaboration for Infectious Disease Preparedness (GLOPID-R). This is a collaboration between CIHR, the International Development Research Centre (IDRC), NSERC, and the SSHRC.

Expected key dates:

- Launch of the full request for applications: Week of Feb. 10
- Application deadline: Week of Feb. 17
- Peer review begins: Week of Feb. 17
- Anticipated notice of decision: Week of Feb. 24

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

Deadline: Aug. 1

Award amount: \$500,000 [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

Award amount: \$100,000/ 1 year

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: Specific Priorities Research Grants – RFP – Analytical sampling method projects for substances with American Conference of Governmental Industrial Hygienists \(ACGIH\) Threshold Limit Values \(TLVs\)](#)

Deadlines: May 29

Award amount: \$50,000-\$150,000 between 1-3yrs.

WorkSafeBC is seeking research projects to develop, implement, and/or validate analytical sampling methods for the substances with ACGIH TLVs for which: Validated substance-specific sampling methods currently do not exist and where existing methods are not adequate.

Foundations

[Vancouver Foundation: Develop and Convene Grants](#)

Deadlines: Feb. 14

Awards amount: \$20,000/1 year

Develop grants are part of the [Systems Change grant program](#). **Convene grants** are part of the [Participatory Action Research grant program](#).

[Vancouver Foundation: System Change: Test, Scale & Investigate grants](#)

Deadline: Jan. 27, 2020

Awards amount: \$100,000/3 years.

Systems Change grants support projects that take action to address the root causes of pressing social, environmental or cultural issues by influencing the behaviours of populations, organizations, and institutions. **Investigate grants** are [Participatory Action Research grants](#). Participatory Action Research grants support research that is co-led by community members and researchers to learn more about the root causes of pressing issues impacting the health of communities

[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](#).

[Spender Foundation Research Grants on Education: Small](#)

Deadline: March 3

Award amount: \$50,000/1-5 years

This program supports education research that will contribute to the improvement of education, broadly conceived, and is "field-initiated" in that proposal submissions are not in response to a specific request for a particular research topic, discipline, design, method, or location.

Awards & Prizes

[Prize: IHSPR Rising Star Award.](#)

The CIHR Institute of Health Services and Policy Research (IHSPR) is dedicated to supporting graduate students and post-doctoral fellows and to recognizing the research excellence and knowledge translation initiatives of these emerging health services and policy researchers at an early stage in their career. This award: Recognizes the excellence of Canadian research and innovative knowledge translation (KT) initiatives of graduate students (e.g. M.D., M.A., M.Sc. and Ph.D.) and post-doctoral fellows studying health services and policy research; Recognizes research and/or KT contributions for which a graduate student or post-doctoral fellow has had primary responsibility; and promotes careers in health services and policy research.

CIHR Travel Awards – Winter 2020

Through the Institute Community Support (ICS) Program, the CIHR Institutes and Initiatives are launching the ICS Travel Awards competition for students, postdoctoral fellows, early career researchers, and knowledge users to present their own research at national and international meetings, workshops, and/or conferences.

Funding opportunities (internal)

Research Accelerate Grants

2020 Competition Now Open

Award amount: \$3,000

We invite interest from faculty who are actively engaged in developing applications for Tri-Agency funding competitions in fiscal year 2020-21. The grant programs eligible for this funding are: NSERC-Discovery and Alliance Grants programs; SSHRC-Insight and Partnership and Connection programs; CIHR-Project and other Operating grants; Tri-Agency New Frontiers in Research Fund.

Funding opportunities (students)

Undergraduate Research Experience Award Program (UREAP)

Deadline: Feb. 28

Value: \$6,000

Application support available in the Undergraduate Research Commons, OM1522, from Feb. 24-28. Email studentresearch@tru.ca for hours.

The UREAP allows full-time students with at least 60 credits to get started in their own original research. It is a way to improve a resume, increase academic and professional success, and make your time in university more interesting and rewarding.

Knowledge mobilization

Be part of The Conversation

TRU is a member of [The Conversation Canada](#), an independent news organization dedicated to bringing scholarly work to general readership. If you're interested in signing up as an author, contact [Danna Bach](#).

Recently in The Conversation:

- [Why money laundering thrives on Canada's West Coast](#), Robert Diab, Jan. 30
- [A blanket ban on toxic 'forever chemicals' is good for people and animals](#), Jonathan Van Hamme, Feb. 6

Join the Experts List

Update your official Bio Page and 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

On Jan. 28, Franklin Sayre, STEM Librarian, organized [Librarians Building Momentum for Research Reproducibility](#) an online virtual conference with colleagues from New York University, University of Minnesota, University of Utah, and North Carolina State University. Over 200 people attended. Attendees represented North American research institutes, major publishers, and many government agencies. The conference is described as a model for practical, free, carbon-neutral professional development.

Published books, chapters & articles

Ejaz, W., Basharat, M., Saadat, S., Khattak, A. M., Naeem, M., & Anpalagan, A. (2020). *Learning paradigms for communication and computing technologies in IoT systems* doi:<https://doi.org/10.1016/j.comcom.2020.01.043>

* **Hamilton, H. J.**, & **Gosselin, L. A.** (2020). Ontogenetic shifts and interspecies variation in tolerance to desiccation and heat at the early benthic phase of six intertidal invertebrates. *Mar Ecol Prog Ser*, 634, 15-28. Retrieved from <https://www.int-res.com/abstracts/meps/v634/p15-28>

Harrison, M. (2019). Communication and interaction in a blog-based learning space. *European Journal of Open, Distance and E-Learning. Best of Eden 2018*, , 38-52. Retrieved from <https://www.eurodl.org/?p=special&sp=articles&inum=11&article=819>

Haverila, M., Haverila, K., & McLaughlin, C. (2020). Variables affecting the retention intentions of students in higher education institutions. *Journal of International Students*, 10(2) doi:10.32674/jis.v10i2.1849

Hulko, W., Mirza, N., & Seeley, L. (2020). Older adults' views on the repositioning of primary and community care. *Canadian Journal on Aging*, , 1-13. Retrieved from <https://www.cambridge.org/core/services/aop-cambridge-core/content/view/86841400FD743CFA4A07F703AA2FBCCD/S0714980819000540a.pdf/div-class-title-older-adults-views-on-the-repositioning-of-primary-and-community-care-div.pdf>

Hulko, W., Stern, L., Brotman, S., & Ferrer, I. (2020). *Gerontological social work in action: Antioppressive practice with older adults, their families, and communities*. Abingdon, UK: Routledge Press.

Kassam, S., Marcellus, L., Clark, N., & **O'Mahony, J.** (2020). Applying intersectionality with constructive grounded theory as an innovative research approach for studying complex populations: Demonstrating congruency. *International Journal of Qualitative Methods*, 19, 1-11. Retrieved from <https://journals.sagepub.com/doi/pdf/10.1177/1609406919898921>

Lonardi, S., Martini, U., & **Hull, J. S.** (2020). *Minority languages as sustainable tourism resources: From indigenous groups in british columbia (canada) to cimbrian people in giazza (italy)*doi:<https://doi.org/10.1016/j.annals.2020.102859>

Moralejo, L., **Andersen, E.**, Hilsmann, N., & Kennedy, L. (2019). Measuring student responses in and instructors' perceptions of student evaluation teaching (SETs), pre and post intervention. *The Canadian Journal for the Scholarship of Teaching and Learning*, 10(3) doi:10.5206/cjsotl-rcacea.2019.3.8052

Savsani, V., Patel, V., & **Tawhid, M.** (2020). Biogeography based optimization for water pump switching problem. In F. Bennis, & R. K. Bhattacharjya (Eds.), *Nature-inspired methods for metaheuristics optimization: Algorithms and applications in science and engineering* (pp. 183-202). Cham: Springer International Publishing. doi:10.1007/978-3-030-26458-1_11 Retrieved from https://doi.org/10.1007/978-3-030-26458-1_11

Schiff, V., & **McLaughlin, J.** (2020). *Lost to the shoah: Eight lives*. Jefferson, NC: McFarland & Company.

Tamai, K., Boyer, E. W., Iida, S., **Carlyle-Moses, D.**, & Levia, D. F. (2020). Forest influences on streamflow: Case studies from the tatsunokuchi-yama experimental watershed, japan, and the leading ridge experimental watershed, USA. In D. F. Levia, D. E. Carlyle-Moses, S. Iida, B. Michalzik, K. Nanko & A. Tischer (Eds.), *Forest-water interactions* (pp. 519-536). Cham: Springer International Publishing. doi:10.1007/978-3-030-26086-6_21 Retrieved from https://doi.org/10.1007/978-3-030-26086-6_21

* **Winton, S. A.**, Bishop, C. A., & **Larsen, K. W.** (2020). When protected areas are not enough: Low-traffic roads projected to cause a decline in a northern viper population. *Endangered Species Research*, 41, 131-139. Retrieved from <https://www.int-res.com/articles/esr2020/41/n041p131.pdf>

* ***Indicates student***