



Welcome back!

We hope you had an enjoyable and productive summer, and look forward to working with you during what we know will be an exciting fall semester. The goal of this newsletter is to share research opportunities, achievements and faculty news, but we can only do that with your participation. Please share your research success stories with us. For regular updates about research and graduate studies at TRU, please follow us on [Facebook](#), and now [Instagram](#).

Research Day 2018: Call for authors

When: Sept. 21, 8:30 am - 1:30 pm

Where: Panorama Room, IB

Join the Office of Research and Graduate Studies for Research Day. This year's theme is "New Visions for Community-Driven Research."



Call for authors

The Office of Research and Graduate Studies wishes to display any books, catalogues, theatre programs, offprints of articles, and photocopies of articles published by faculty within the last 18 months. Please email research@tru.ca if you have something you'd like to contribute.

[Read more](#)

Start fresh: Update your bio, and join the Experts List

Now is a great time to update your official [Bio Page](#), and at the same time, join our new, 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.



Graduate students get oriented

On Sept. 4, the Graduate Commons was packed with new students attending the third annual Graduate Student Orientation. The event, organized by our Graduate Student Research Mentors, provided an opportunity for incoming students to learn about upcoming workshops and funding

opportunities, and about all of the services that are available to them on campus. The event was followed up by a resource fair put on by TRU's many service providers.

Writing retreat a huge success

Thank you to the more than 50 faculty members who attended The Habits of Highly Productive Writers, a 1 1/2-day workshop held at the South Thompson Inn and Conference Centre, featuring [Helen Sword](#), one of the world's leading authorities on academic writing, and Scott White, Editor of The Conversation Canada. The workshop provided faculty and graduate students with an opportunity to reflect on writing tasks that need further attention, and to plan for future writing work.

Research News

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, please follow [these easy steps](#). For more information about writing for The Conversation, please contact [Danna Bach](#).

This month in The Conversation

> [Let's teach students why math matters in the real world](#), by Edward Howe, Sept. 11, 2018

> [Offside: The secret deals involving public money for sports stadiums](#), by Ryan Gauthier, Sept. 3, 2018



Chemistry converts garbage to gold

Dr. Kingsley Donkor's lab is benefiting from a \$350,000 NSERC Collaborative Research and Development Grant for a research project that aims to turn industrial waste into fertilizer.

[Read more](#)

TRU to become research hub for ecosystem recovery

Dr. Lauchlan Fraser has been awarded an NSERC Industrial Research Chair in Ecosystem Reclamation, valued at more than \$2.5 million.

[Read more](#)



Don't you trust me? Exploring trust in post-secondary

TRU faculty members Ulrich Scheck and Victoria Handford are examining the link between relational trust and well-functioning universities.

[Read more](#)

Working together; TRU and city sign agreement

TRU and the City of Kamloops formalized their cooperative relationship with a Memorandum Of Understanding signed on Aug. 23. The MOU will facilitate ongoing community-based research.

[Read more](#)



We know what you did this summer: UREAP Edition

Three students, Cole Hooper, Theresa Thoms, and Brandon Hayashi, who spent their summer as funded researchers through UREAP took time out to discuss their projects and the value of student

research.

[Read more](#)

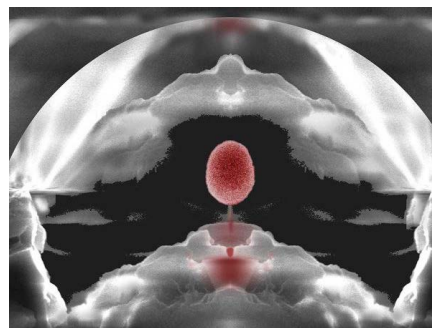
Events

Origins and Endgames

When: Sept. 10 - 21

Where: TRU Art Gallery, OM

Dr. Nancy Van Wagoner's exhibit, *Origins and Endgames*, is an interactive, multimedia tour through the origins of earth, air, and life.



[Read more](#)



Peace Pledge: A reading with George Johnson

When: Sept. 20, 5 - 7 pm

Where: Kamloops Downtown Library

Dr. George Johnson leads a table reading of his award-winning screenplay, *Peace Pledge*.

[Read more](#)

Research Day

When: Sept. 21, 8:30 am - 1:30 pm

Where: Panorama Room, IB

Join the Office of Research and Graduate Studies for Research Day, "New Visions for Community-Driven Research." Special guests include Dr. Budd Hall, UNESCO Co-Chair in Community-Based Research and Social Responsibility in Higher Education from the University of Victoria, Kamloops Mayor Ken Christian, and Danalee Baker, Executive Director, United Way Thompson Nicola Cariboo.



[Read more](#)

Submitting strong NSERC grants

When: Sept. 27, 1 - 2:30 pm

Where: CT 201D

Faculty are invited to this workshop, facilitated by Research Grants Development Officers Anita Sharma and Sandra Jasinowski, to develop strong applications for NSERC Discovery and Research Tools and Instruments grants.

[Read more](#)

New Researcher Orientation

When: Oct. 1, 7:30 - 9 am

Where: Alpine Room, CAC

This informal catered breakfast meeting will provide faculty with an opportunity to meet with Will Garrett-Petts, AVP Research and Graduate Studies, and gain a better understanding of the research resources available to them at TRU.

Please RSVP to research@tru.ca.

[Read more](#)

Funding Opportunities (external)

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

** Note: Internal deadlines are two-weeks prior to the listed, agency deadline*

CIHR Catalyst Grant: Cannabis research in urgent priority areas

Deadlines: Sept. 18 (registration); Oct. 10 (full application)

Value: Up to \$125,000

This grant will support research that strengthens the evidence base and expands cannabis research in identified areas, builds cannabis-related research capacity and/or informs the development of future larger scale research projects.

CIHR Foundation Grant

Deadlines: Sept. 19 (application Stage 1); Feb. 6 (application Stage 2)

Value: Varies

The Foundation Grant is designed to contribute to a sustainable foundation of new and established health research leaders, by providing long-term support for the pursuit of innovative and high-impact research programs.

CAP: Canada-BC Agri-Innovation Program

Deadline: Sept. 14

Priority for funding will be given to funding activities identified to advance innovation and competitiveness in BC's agriculture, food or agri-products sectors, and include:

- Advancement in plant, animal and food science
- Energy and waste management
- New product development and commercialization
- Improvements in soil, water and air quality
- Climate change adaptation

SSHRC Partnership Engage Grants

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

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

These grants respond to the objectives of the [Insight](#) 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 PromoScience Program

Deadline: Sept.15

Value: \$15,000 to \$25,000 per year

This program offers financial support for organizations working with young Canadians to promote an understanding of science and engineering. It supports hands-on learning experiences for students and their science teachers. Grants may be used to cover improvements to program content or delivery, as well as for new programs and activities. It can also cover operational costs such as salaries, travel, postage, materials and supplies, provided that they relate to the promotion of science and engineering.

NSERC Idea to Innovation Grants

Deadline: Sept. 24

Value: \$125,000

The I2I accelerates the pre-competitive development of promising technology originating from the university and college sector and promotes its transfer to a new or established Canadian company. The I2I provides funding to college and university faculty members to support research and development projects with recognized technology transfer potential.

CIHR Catalyst Grant: Post-Traumatic Stress Injuries among Public Safety Personnel

Deadline: Sept. 25

Value: Up to \$150,000

Duration: Up to 1 year

This grant will strengthen and expand the evidence base needed to inform current and future policies, practices and programs related to Post-Traumatic Stress Injuries (PTSI) in Canada's Public Safety Personnel (PSP).

Catalyst Grant: HIV/AIDS Community-Based Research

Deadline: Oct. 2

Value: \$40,000

This funding opportunity is expected to: Support partnerships between communities affected by HIV in Canada and researchers to facilitate the conduct of community-based research; and/or Develop future applications for more comprehensive community-based research grants.

AI for Earth Innovation Grants

Deadline: Oct. 8

Value: \$1 million

Microsoft Corp. and *National Geographic* announced a new partnership to advance scientific exploration and research on critical environmental challenges with the power of artificial intelligence (AI). The newly created grant program will provide award recipients with financial support, access to Microsoft cloud and AI tools, inclusion in the National Geographic Explorer community, and affiliation with [National Geographic Labs](#), an initiative launched by National Geographic to accelerate transformative change and exponential solutions to the world's biggest challenges by harnessing data, technology and innovation.

CIHR Operating Grant: Transitions in Care - Best and Wise Practices Grants

Deadline: Oct. 10

Value: Up to \$100,000

The grant supports researchers to identify best and wise practices in the areas of transitions in care. It provides development funds to groups that require additional evidence gathering and/or the building of relevant relationships and partnerships to address challenges, gaps and/or barriers related to improving care transitions and mitigating negative outcomes resulting from poor transitions. It supports planning and information-sharing activities, partnership development and evidence gathering to facilitate the collection of data. This funding opportunity is committed to supporting Indigenous Health Research and specific sex and gender minorities.

SSHRC Insight Grants

Deadline: Oct. 15

Value: Stream A: \$7,000 - \$100,000, Stream B: \$100,001 - \$400,000

These grants support long-term research initiatives. The goal of the program is to build knowledge and understanding about people, societies and the world by supporting research excellence in all subject areas eligible for funding from SSHRC. Applications are accepted in two streams now depending upon the budget request.

Wildlife Habitat Canada

Deadline: Oct. 17

Value: Up to \$25,000

i) Habitat Conservation Grants

Projects that address conservation priorities of the North American Waterfowl Management Plan (NAWMP) including research and conservation, restoration, protection and enhancement of habitat in priority areas; or, Projects that support habitat conservation for other migratory game birds.

ii) Research Grant

Projects under this category focus on furthering the understanding of waterfowl and/or habitat conservation in priority areas or the NAWMP human dimensions component.

iii) Conservation Networking Grants

Wetland Education and/or Hunter Education projects; support habitat conservation activities that promote leveraging of funds or advancing stewardship, including wetland educational programs and waterfowl hunter education programs that advance NAWMP priorities.

NSERC Research Tools and Instruments grants

Deadline: Oct. 25

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.

Facebook: Statistics for improving insights and decisions requests for proposals

Deadline: Oct. 30

Value: \$50,000

Facebook is requesting proposals that would advance statistical methodologies to improve decision making for their community, products, and infrastructure. Three \$50,000 research grants are offered to support academic work that addresses applied statistical topics such as experimentation, forecasting, predictive modeling, survey modeling, and sampling.

The Mohamed bin Zayed Species Conservation Fund

Deadline: Oct. 31

Value: Up to \$25,000

Fund is a significant philanthropic endowment established to: i) Provide targeted grants to individual species conservation initiatives; ii) Recognize leaders in the field of species conservation; and
iii) Elevate the importance of species in the broader conservation debate. The Fund's reach is truly global, and its species interest is non-discriminatory. It will potentially support projects focused on any kind of plant, animal and fungus species, subject to the approval of

an independent evaluation committee. In addition, the Fund will recognize leaders in the field of species conservation and scientific research to ensure their important work is given the attention it deserves and to elevate the importance of species in global conservation discourse.

NSERC Discovery Grants

Deadline: Nov. 1 (full application)

The application stage is open and you can now create your application in the [Research Portal](#). 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 advances.

SSHRC Connection Grants

Deadlines: Nov. 1, Feb. 1, May 1, Aug. 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](#).

Indigenous Gender and Wellness: Idea Fair and Learning Circle

Deadline: Nov. 8

The *Idea Fair and Learning Circle* will take place over two and a half days, between June 18-20, 2019 in Montréal, located on traditional and unceded territory of the Kanien'keha:ka (Mohawk). This Travel Award will support travel and accommodation expenses to attend an *Idea Fair and Learning Circle* event on the topic of Indigenous Gender and Wellness.

NOTE: This Travel Award is the first phase of a larger initiative focused on gender and wellness among Indigenous Peoples.

SSHRC Partnership Development Grants

Deadline: Nov. 30

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

These grants provide support to teams/partnerships, led by a project director, 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.

TransLink New Mobility Research Grant

Deadline: Continuous

Value: Up to \$50,000

Grants of up to \$50,000 will support well-defined projects undertaken by B.C. post-secondary researchers and their partners. Project proposals can span a range of disciplines such as engineering, planning and policy, urban design, computer science, environmental and resource science, business, psychology, sociology, and economics.

NSERC Collaborative Research and Development Grants

Deadline: Continuous

Value: Up to \$500,000 per project

CRD Grants support well-defined projects undertaken by university researchers and their private-sector partners. Direct project costs are shared by the industrial partner(s) and NSERC. Projects may range from one year to five years in duration, but most awards are for two or three years.

NSERC Connect Grants

Deadline: Continuous

Connect grants provide targeted financial support to encourage post-secondary researchers at universities to connect with industry and other knowledge end-user communities in order to form new partnerships.

- Level 1: For domestic travel costs to develop new academic-industry partnership
- Level 2: For activities aimed at developing or promoting new academic–industry partnerships, student–industry training opportunities, and/or goals of [NSERC's 2020 Strategic Plan](#).

Canada Council for the Arts: Explore and Create

Deadline: Continuous

Value: \$25,000 per year, up to two years

The Research and Creation component of Explore and Create supports the initial stages of the creative process. Grants provide support for creative research, creation and project development.

Mitacs Accelerate

Deadline: Continuous

Value: \$15,000

Full-time graduate students are eligible for this award that provides an opportunity to apply their skills in a non-academic environment, and to broaden their professional network.

Gordon and Betty Moore Foundation – Grants for Science and Environmental Conservation

Deadline: Continuous

Value: \$500,000 USD

Key initiatives include marine microbiology, earthquake early warnings, particle accelerators, and more. The Environmental Conservation program seeks to balance long-term conservation with sustainable use through protecting critical ecosystems, establishing models for collaboration that can be replicated and expanded around the globe, and creating lasting change in how land, freshwater and coastal marine ecosystems are managed.

Funding Opportunities (internal)

Undergraduate Research Apprenticeship Fund

(Competition opens Sept. 21)

Value: \$3,000/student, up to 30 awards available

This program allows faculty to hire an Undergraduate Research Apprentice to assist them in accelerating their research endeavours and to provide the apprentice with a meaningful training opportunity. All applications are initiated by the faculty member when they have identified a qualified student.

Research Training Recognition Fund

Deadline: Oct. 15 for winter 2019 release

The Research Training Recognition Fund (RTRF) reflects TRU's ongoing commitment to student research training. Those regular faculty receiving or currently holding multi-year Tri-Agency research grants are eligible to receive a reallocation of workload to facilitate their direct involvement in the enhanced research training of undergraduate and graduate students. Those faculty applying for Tri-Agency grants are encouraged to consult with the Research Office about citing this fund as possible institutional support on their applications.

Community-Driven Research Fund

Deadline: Continuous intake until October 2019, up to 10 awards available

Value: \$2,500. Matching Contributions of up to \$2,500 in cash and/or in-kind support is required from the community organization

Funds are still available through the Community-Driven Research Fund, which is designed to support research that responds directly to community needs, builds research partnerships with community organizations in the Thompson Nicola Cariboo region, provides opportunities for students to become involved in community-based research, and

helps faculty and their community partners become more competitive for external funding.

Funding Opportunities (students)

Knowledge Makers

The Knowledge Makers is an Indigenous research program designed to engage Indigenous students in research. The program includes a \$1,000 award, publication, workshop and e-portfolio. This year's program runs Oct. 27-28, with a celebration scheduled for March 2019. For more information please contact [Sereana Patterson](#), Research Associate.

Canadian Graduate Scholarship — Masters

Deadline: Dec. 1

Value: \$17,500 for 12 months, non-renewable

TRU offers four CGS-M entrance awards, one each from the CIHR and NSERC, and two from SSHRC. There is now one application for all three councils, and the application must be completed through the [Research Portal](#). It is recommended students begin the application process early.

Undergraduate Research Experience Award Program

Deadline: Oct. 12

Value: \$4,500

The Undergraduate Research Experience Award Program (UREAP) supports undergraduate students with their own original research projects. It is a way to improve their resume, increase academic and professional success, and make their time in university more interesting and rewarding.

Knowledge Mobilization

Presentations & Exhibitions

***Arduini, Connor, Trevor Flynn, Mark Paetkau, Sharon Brewer, Kingsley Donkor, Kent Watson, Lisa Van Loon, Neil Banerjee, Shayna Kay, Ridwan Bari, Jenna Veugen and Alexandra Ly.** "Evaluation of the Use of Wetlands in Arsenic Sequestration of Mine-Influenced Effluent using Synchrotron XRF and XANES Spectroscopy." Poster presented at The 14th International Conference on X-ray Microscopy (XRM2018), Saskatoon, Saskatchewan, Canada, Aug. 20-21, 2018.

***Arduini, Connor, Lauchlan Fraser, Trevor J. Flynn, Neil R. Banerjee, Lisa L. Van Loon, Ali Coyle, Ridwan Bari, Mauricio Barcelos Haag, and Alexandra Ly.** "Evaluation of the Use of Wetlands in Arsenic Sequestration of Mine-Influenced Effluent using Synchrotron XRF

and XANES Spectroscopy." Poster presented at The 14th International Conference on X-ray Microscopy (XRM2018), Saskatoon, Saskatchewan, Canada, Aug. 20-21, 2018.

Wagoner, N., J. Thompson-Gladish, B. Garagan Grove, L. Dafoe, G. Sabraw, R Parisien, Y. Saxon, S. Thom, and A. Vrielink. "Linking an Interdisciplinary Field Project with Community Engagement: A Field Guide to the Geology of Kenna Cartwright Park, Kamloops, British Columbia." Abstract and poster presented at the Resources for Future Generations 2018. Vancouver, June 16-21.

Van Wagoner, N., and C. Kwiatowski. "What does 4.6 billion years feel like?" Abstract and oral presentation at Resources for Future Generations 2018, Vancouver, June 16-21.

Van Wagoner, N., S. Paradis, and M. Leybourne. "Volcanism and SEDEX formation in the Selwyn Basin, central Yukon, Canada: Is there a genetic link?" Abstract and oral presentation at Resources for Future Generations 2018, Vancouver, June 16-21.

Kamphuis, Charis. "Canada's Foreign Service & the Marlin Mine Conflict in Guatemala." Invited presentation at the *Special Session: Legal Strategies to Address Goldcorp's Marlin Mine Closure* workshop of the Centre for Indigenous Conservation and Development Alternatives. McGill University, June 2018.

Published books & articles

***Arduini, Connor, Lauchlan Fraser**, Trevor Flynn, Lisa Van Loon, and Neil Banerjee. "Evaluation of the Use of Wetlands in Arsenic Sequestration of Mine-Influenced Effluent using Synchrotron XRF and XANES Spectroscopy." *Proceedings of the 14th International Conference on X-ray Microscopy*. (2018): 516-517.

***Arduini, Connor**, Trevor Flynn, **Mark Paetkau, Sharon Brewer, Kingsley Donkor, Kent Watson**, Lisa Van Loon, and Neil Banerjee. "Synchrotron Characterization of Metal Distributions in Soils Collected in the Greater Kamloops Region, British Columbia, Canada." *Proceedings of the 14th International Conference on X-ray Microscopy* (2018): 514-515.

Blackstock, S., B. Salami, and G.G. Cummings, G.G. "Organizational antecedents, policy and horizontal violence among nurses: An integrative review." *Journal of Nursing Management*. (2018): 1-20.

Kheibari, Athena, Julie Cereal, and **Rebecca Sanford**. "Attitudes About Suicide Ideation Among Suicide Loss Survivors: A Vignette Study." *Psychological Reports*. (2018).

Mason, Courtney W., Tara-Leigh F. McHugh, Leisha Strachan, and **Kelsey L. Boule***. "Urban Indigenous Youth Perspectives on Access to Physical Activity Programs in Canada." *Qualitative Research in Sport, Exercise and Health*. (2018): 1-16.

***Thompson, Heather, Courtney W. Mason**, and Michael A. Robidoux. "Hoop-style Greenhouse Gardening in the Wapekeka First Nation as an Extension of Land-Based Food Practices." *Arctic Journal*. 71. 4 (2018).

*Indicates student author



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