



**THOMPSON
RIVERS
UNIVERSITY** | Research &
Graduate
Studies

Research Newsletter

Join us: Federal research funding announcement

Please join us for a major funding announcement on **Wednesday, Aug. 22 at 10 am in the Horticulture Gardens**, as we celebrate the outstanding work of Dr. Lauchlan Fraser.

Research News

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.

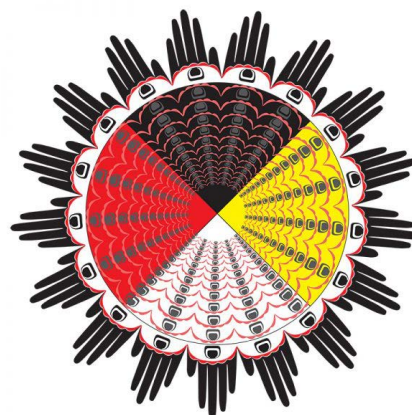


New Research Grants Development Officer

Research and Graduate Studies is pleased to welcome Dr. Sandra Jasinowski as Research Grants Development Officer. Jasinowski is an internationally trained research scientist with a PhD in Palaeobiology. As an adjunct professor in Natural Resource Sciences at TRU, Jasinowski recently conducted research on the social behaviour of feral domestic cats in Kamloops. She can be reached at sjasinoski@tru.ca, or 250-371-5962.

TRU's Ombaashi hosts national gathering

More than 150 Indigenous and allied students from across Canada were at TRU from July 10-13 for the National Gathering of Graduate Students. The gathering was organized by Ombaashi, the Indigenous Mentoring Network Project led by Dr. Rod McCormick, and organized by Research Associate Sereana Naepi. During the gathering, graduate students were joined by a number of senior Indigenous health researchers who provided mentorship.



[Read more](#)

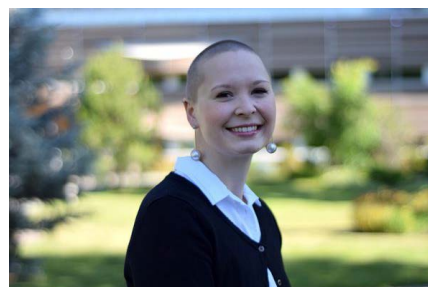
Congratulations

Federal research grants awarded

The Social Sciences and Humanities Research Council (SSHRC) has announced the 2018 successful [Insight Development Grant](#) awards, and TRU is pleased to confirm four researchers will share in more than \$265,000 of federal funding. The Natural Sciences and Engineering Research Council of Canada (NSERC) has also announced the 2018 successful [Discovery Grant](#) awards, and TRU is pleased to confirm that three researchers will share in \$355,000. Congratulations also to those who applied for these prestigious grants. For more information about these or future opportunities, please contact Research Grant Development Officers [Anita Sharma](#) or [Sandra Jasinowski](#).

Outstanding graduate students awarded entrance scholarships

Four graduate students have been awarded prestigious federal entrance awards valued at \$17,500 each. The Canada Graduate Scholarship-Master's program supports students who show a high standard of achievement in undergraduate and early graduate studies. Recipients of the CGS-M awards are Rhyannon Garant, Jessica Bauer (pictured), Justin Mufford, and Pate Neumann.



[Read more](#)

Events

The Habits of Highly Productive

Writers

When: Aug. 23 & 24

Where: South Thompson Inn & Conference Centre

Join Dr. Helen Sword, a leading authority on academic writing and author of *Writing with Pleasure*, and Scott White, Editor, The Conversation Canada for this workshop that is designed to inspire faculty and graduate students to share their knowledge effectively with multiple audiences.

** Due to a high level of interest in this event, there is currently a waitlist for those interested who have not yet registered.*



[Read more](#)

Graduate student orientation

When: Sept. 4, 10:30 - 11:30 am

Where: Graduate Commons, Lower Level, Main Library

Graduate students are encouraged to attend the annual Graduate Student Orientation, where they'll meet faculty and staff, find out about resources and services, network among their peers, and have an opportunity to ask questions.

[Read more](#)

Research Day

When: Sept. 21, 9 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 Kamloops Mayor Ken Christian, and Danalee Baker, Executive Director, United Way Thompson Nicola Cariboo.



[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](#)

Tri-agency news

Nomination of members for NSERC committees

In an effort to have good representation from small universities on grant adjudication committees, the Research Office is encouraging all NSERC eligible researchers to participate. Please fill out the nomination and sign [Form 250](#), and submit to the Research Office by Aug. 31. We will forward these nominations to NSERC. If you have any questions, please [contact us](#).

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 Project Grant

Deadlines: Aug. 15 (registration); Sept. 12 (application)

Value: Varies

Duration: 5 years

The Project Grant program is designed to capture ideas with the greatest potential for important advances in fundamental or applied health-related knowledge, the health care system, and/or health outcomes, by supporting projects with a specific purpose and a defined endpoint.

CIHR Foundation Grant

Deadlines: Aug. 15 (registration); Sept. 19 (application Stage 1); Feb. 6 (application Stage 2)

Value: Varies

Duration: 7 years

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.

Genome BC Genomics Solutions for Agriculture, Agri-food,

Fisheries and Aquaculture

Registration deadline: Aug. 16, 2018

Value: \$1-4 million

This funding supports projects that demonstrate how genomics research can be translated into solutions that advance the sustainability, productive capacity and the resulting competitive position of the Canadian agriculture/agri-food and fisheries/aquaculture sectors and thereby contribute to the Canadian bioeconomy and the well-being of Canadians. Please contact Alison Dendoff, Programs Manager at adendoff@genomebc.ca for more information.

CIHR Operating Grant: Evaluation of Interventions to Address the Opioid Crisis

Deadlines: Registration: Aug. 21; Application: Sept. 5

Value: Up to \$100,000

Duration: Up to 1 year

This grant supports the evaluation of promising health interventions and practices that have been implemented municipally, provincially and/or nationally to address the opioid crisis relevant to one or more of the four pillars of the [Canadian Drugs and Substances Strategy](#): 1. Prevention; 2. Treatment; 3. Harm reduction; 4. Enforcement. Applicants are encouraged to critically assess the biological and social determinants of opioid use, and/or sub-populations in relation to the intervention to be evaluated.

Travel Awards-Institute Community Support

Deadline: Aug. 23

The ICS Travel Awards funding opportunity provides funds to individuals in aid of research and knowledge translation activities consistent with CIHR initiatives' priorities or CIHR institutes' vision, mandate and strategic directions.

CMHC Housing Research Awards

Deadline: Extended to Aug. 24

Value: Four awards up to \$15,000

The CMHC Housing Research Awards support research, research training, knowledge mobilization, and outreach activities of Canadian housing researchers. The awards recognize excellence in housing research and support Canadian research across all fields such as the social sciences and humanities, and health and technology.

Heart & Stroke Foundation: Grants-in-Aid

Deadline: Aug. 30

Value: Maximum \$300,000

Duration: Up to 3 years

This program provides operating funds to support important, pertinent, novel research in the areas of heart disease and stroke. The funding promotes research discovery, exploration and innovation across all health research themes. Knowledge gained from scientific findings, contributes to the cardiovascular and cerebrovascular health of Canadians through prevention, treatment and recovery. Research is supported in basic biomedical, clinical, health services and systems, social, cultural and environmental population health.

Special Call Indigenous Research Capacity and Reconciliation - Connection Grants

Deadline: Sept. 6

Value: Up to \$50,000

Duration: 6 months; extension of 6 months is available upon request

The grant supports interdisciplinary events and outreach activities geared toward short-term, targeted knowledge mobilization initiatives to contribute to the [Canada Research Coordinating Committee](#) prioritized national dialogue. These events and activities will allow engagement and exchange of knowledge on successful ways of conducting Indigenous research that are transformative and contribute to reconciliation. Projects should be holistic and interdisciplinary, and reflect the full range of collaboration across disciplines and subject areas pertaining to the social sciences and humanities, natural sciences and engineering, and health and wellness.

Real Estate Foundation of British Columbia grants

Deadline: Sept. 6 & March 7

Value: \$2,000 to \$20,000

The Real Estate Foundation supports real estate and land use related research, public and professional education, and law reform, as well as other real estate and land use related initiatives intended for the public or professional good. The Foundation's overall aim is to transform land use attitudes and practices, thus contributing to resilient, healthy communities and natural environments. The REFBC grant program supports progressive initiatives that address current challenges and plan for the future.

CIHR Team Grant: Pathways to Health Equity for Aboriginal Peoples Implementation Teams Component 3

Deadline: Sept. 6

Value: \$1.5 million

This opportunity supports the overall goal of the [Pathways to Health Equity for Aboriginal Peoples](#) (Pathways) Initiative, which is to develop a better understanding of how to design and implement equitable reach, access and sustainability of population health interventions (such as those funded by Public Health Agency of Canada, and the First Nations and Inuit

Health Branch at the Department of Indigenous Services Canada that will improve Indigenous (i.e., First Nations, Inuit, and Métis) health and health equity. Component 3 will focus on implementing interventions.

CIHR Planning and Dissemination Grants

Deadline: Sept. 11

Value: Varies

These grants are intended to provide support for planning and/or dissemination activities consistent with the mandate of CIHR and relevant to CIHR Institutes, or Initiatives. The specific objectives of this funding opportunity are: to support planning activities, partnership development and/or increasing understanding of the health research landscape that will contribute to the advancement of research consistent with the mandate of CIHR; and/or; to support dissemination events/activities that focus on the communication of health research evidence to the appropriate researcher and/or knowledge user audience(s), tailoring the message and medium as appropriate.

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

Deadline: Sept. 15, Dec. 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

Duration: Up to three years

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

Duration: Up to 1 year

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

Value: \$1 million

Deadline: Oct. 8

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

Duration: Up to 1 year

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.

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.

NSERC Discovery Grants

Deadline: Nov. 1 (full application)

Duration: Up to 5 years

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

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.

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.

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)

Ken Lepin Graduate Student Awards

Deadline: Aug. 15

Award value: \$6,000

The Ken Lepin Graduate Student Awards are available to help students who are entering their first or second year of a full-time graduate program, for those studying on campus or online. The award will be given on the basis of outstanding academic achievement in course work and research, and will take into account leadership activities. Eight awards are available to domestic students entering or continuing in TRU's graduate programs.

Canadian Graduate Scholarship — Masters

Competition opens Sept. 1

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

Hanlon, Robert and Kenneth Christie. "Corporate Social Responsibility in Times of Populism and Human Insecurity." Presented at the International Conference on Business

and Human Rights: Holding Governments Accountable in Asia. July 12-13, Bangkok, Thailand.

Hanlon, Robert and Kenneth Christie. "Corporate Social Responsibility in Times of Populism and Human Insecurity." Presented at the International Political Science Association World Congress. July 21-25, 2018, Brisbane, Australia.

Rees, Carol. "Creating opportunities for more equitable teacher-student contributions in classroom discourse." Presented at the Canadian Society for the study of Education Conference. May 27, 2018. Regina, SK.

Published books & articles

Al Mamun, Abdullah, **Muhammad Mohiuddin**, Ghazali Bin Ahmad, Ramayah Thurasamy, and Syed Ali Fazal. "[Recycling Intention and Behavior among Low-Income Households.](#)" *Sustainability, MDPI*. 10.7 (2018): 1-22.

Barragan, Salvador, Murat S. Erogul, and Caroline Essers. "'Strategic (dis)obedience': Female entrepreneurs reflecting on and acting upon patriarchal practices." *Gender, Work & Organization*. (2018) <https://doi.org/10.1111/gwao.12258>.

Brewster, Richard C., and Mark Siggers. "[A complexity dichotomy for signed H-colouring.](#)" *Discrete Mathematics*. 341.10 (2018): 2768-2773.

Duchscher, J.B., and M. Windey. "Stages of Transition and Transition Shock." *Journal of Nurses Professional Development*. 34.4 (2018): 228-232. doi: 10.1097/NND.0000000000000461.

El-Ashmawi, W.H., A.F. Ali, and **M.A. Tawhid**. "[An improved particle swarm optimization with a new swap operator for team formation problem.](#)" *Journal of Industrial Engineering International*. (2018): 1-19.

Feigelman, W., **R. Sanford**, and J. Cerel. "[Suicide Notes: Assessing Their Impact on the Bereaved.](#)" *Suicide and Life-Threatening Behavior*. (2018).

James, Cindy L. "[Exploring Changes in the Emotional Intelligence of Law Students.](#)" *Legal Education Review*. 28.1 (2018).

***Leroux, Sarah L.**, Ann E. McKellar, **Nancy J. Flood, Mark J. Paetkau, *Jacob M. Bailey**, and **Matthew W. Reudink**. "[The influence of weather and parental provisioning on fledging success depends on nest box type in a cavity-nesting passerine, the Mountain Bluebird \(*Sialia currucoides*\).](#)" *The Wilson Journal of Ornithology*. (2018).

Lien, Che-Hui, Jyh-Jeng Wu, Maxwell K. Hsu, and Stephen W. Wang. "[Positive moods and word-of-mouth in the banking industry: A moderated mediation model of perceived value and relational benefits.](#)" *International Journal of Bank Marketing*. 36.4 (2018): 764-783.

Pilar Camargo Plazas, Brenda L Cameron, Krista Milford, Lindsay Ruth Hunt, **Lisa Bourque-Bearskin**, and Anna Santos Salas. "[Engaging Indigenous youth through popular](#)

theatre: Knowledge mobilization of Indigenous peoples' perspectives on access to healthcare services." *Action Research*. (2018).

Prasad, Yamuna, K.K. Biswas, and M. Hanmandlu. "A recursive PSO scheme for gene selection in microarray data." *Applied Soft Computing*. 71 (2018): 213-225.

Savsani, Poonam, and **Mohamed A. Tawhid**. "Discrete heat transfer search for solving travelling salesman problem." *Mathematical Foundations of Computing*. 1.3 (2018): 265-280.

Thijs, Sofie, Wouter Sillen, Sascha Truyens, Bram Beckers, **Jonathan Van Hamme**, Pieter Van Dillewijn, Pieter Samyn, Robert Carleer, Nele Weyens, and Jaco Vangronsveld. "The Sycamore Maple Bacterial Culture Collection From a TNT Polluted Site Shows Novel Plant-Growth Promoting and Explosives Degrading Bacteria." *Frontiers in Plant Science*. 9 (2018).

Vetitnev, Alexandr, Nadezhda Bobina, and **Anne F. Terwiel**. "The Influence of Host Volunteer Motivation on Satisfaction and Attitudes Toward Sochi 2014 Olympic Games." *Event Management*. 22.3 (2018): 333-352.

Walmsley, Christopher, and **Terry Kading**, editors. *Small Cities, Big Issues*. Athabasca University Press (2018).

**Indicates student author*



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