



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

Research Newsletter

New Research Coach program a guaranteed winner

TRU's new Research Coach program is designed to empower new students to discover research by pairing them with third or fourth year students who help open doors and engage them in new ways.



> APPLY NOW! Faculty are encouraged to apply for the January 2018 intake of the program. Research Coaches (students) will receive a \$1,500 award, and will work with faculty to create a research experience for a first or second year class. Thirty awards are available.

[Read more](#)

Tri-Agency fall grant writing season wraps up

Congratulations to all the faculty members who applied for grants. This has been an exceptionally busy grant-writing season. Since September, TRU faculty have applied for 19 grants, including:

- 9 NSERC Discovery Grants
- 1 NSERC PromoScience Grant
- 2 SSHRC Insight Grants
- 3 SSHRC Connection Grants
- 1 SSHRC Partnership Development Grant
- 1 SSHRC Aid to Scholarly Journals Grant
- 1 CIHR Project Grant
- 1 CIHR Operating Grant

We look forward to announcing many success stories in the coming months. If you are interested in applying for an external grant, please contact our Research Grant Development Officers, [Anita Sharma](#) and [Sandra Jasinowski](#).

October grant-writing info sessions well attended

Last month, the Research Office held information sessions on [Discovery Grants and SSHRC program overview: Thinking Strategically](#). Thank you to all those participants who made these sessions more interactive and helpful to all. If you weren't able to make it, the slide deck for each session can be downloaded from our [One.TRU site](#).

Graduate supervisory training/mentorship sessions

Thank you to all faculty and students who attended last month's workshops facilitated by Dr. David Hansen of the University of Calgary. The sessions, [How to get the most out of your supervisor](#), and [Graduate Supervisory Training](#) were designed to improve the overall graduate school experience by providing supervisors and students with the resources they need to be successful.

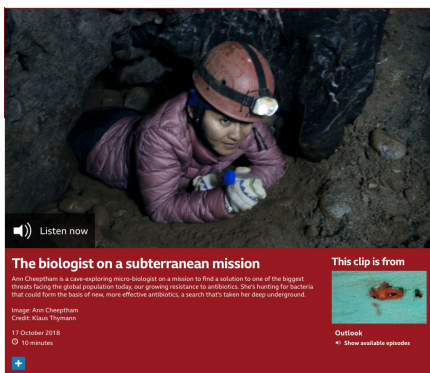
Researchers in the News

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

- > [Big Fail: The internet hasn't helped democracy, Robert Diab, Oct. 15, 2018](#)
- > [Music also matters in the real world, Edward Howe, Nov. 5, 2018](#)
- > [Grief in victory: Therapeutic writing helped to heal a nation after the First World War, George Johnson, Nov. 6, 2018](#)



Biologist on a subterranean mission

Dr. Naowarat Cheeptham was featured on the program [BBC Outlook: Discovery](#) for her research looking at cave bacteria as a potential solution to our growing resistance to antibiotics.

New housing options for women in transition

[Dr. Rochelle Stevenson](#), assistant professor,



sociology, was interviewed by NL610 and CBC Daybreak Kamloops following the recent provincial funding announcement regarding additional spaces for women and children leaving abusive homes, and the need to include space for pets in safety plans and shelters.

Join the Experts List

Please take an opportunity to 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.

Congratulations

Indigenous health research designed to 'uplift the nations'

Dr. Lisa Bourque Bearskin and Kukpi7 (Chief) Ryan Day of the Bonaparte Indian Band are the nominated principal researchers selected nationally from a pool of 28 applications to be awarded a \$75,000 operating grant through the Institute of Indigenous Peoples Health to develop a grant for the Network Environments for Indigenous Health Research program. If successful, the team, which involves 16 Indigenous communities in the BC Interior, could receive \$600,000 annually for 15 years for an Indigenous community-based health research centre.



[Read more](#)

Larsen and lab members awarded

TRU hosted more than 120 delegates for the 2018 annual meeting of the Canadian Herpetological Society from Sept. 21-24, thanks in large part to the efforts of Dr. Karl Larsen and his team of graduate and undergraduate researchers. Dr. Larsen was presented with an award from the Society recognizing his cumulative contributions to the conservation of amphibians and reptiles in



Canada. Dr. Christine Bishop, a frequent Environment Canada collaborator with Larsen's research group as well as an adjunct faculty member in Natural Resource Sciences, won the career-achievement award from the Society, and the [Nk'Mip Desert Cultural Centre](#) (which supports much of TRU's work on snakes in the Okanagan) won a prestigious award for their institutional contribution to the conservation of amphibians and reptiles in Canada. Stephanie Winton was this year's winner of the student presentation award for her platform presentation on the impacts of road mortality to Western Rattlesnakes in B.C., which was the focus of her recently completed MSc thesis research. Many other graduate students in the Environmental Science program and honours undergraduate students from Biology also presented on their research.

Research highlights



Forecasting the future (using statistics)

Supported by an NSERC Discovery Grant, Dr. Mateen Shaikh is developing new computational models that can sort through mass amounts of data, leaving only relevant information.

[Read more](#)



Groundbreaking science aims to save bats

Bats are vital to our ecosystems, and a team of TRU-based researchers led by Dr. Naowarat Cheeptham are working hard to try to save them from a deadly bacteria.

[Read more](#)

Lecture series

What's in common? Canadian wildfires and Nepal earthquakes

When: Nov. 15, 5 pm

Where: AE 100

Dr. Bala Nikku presents as part of the Research Provocations Series.

Extending legacies: Reappraisals of McLuhan's Understanding

Media

When: Nov. 21, 3:30 pm

Where: TRUSU Boardroom

Blair McDonald presents as part of the Arts Colloquium Series.

Creating a sensory smart classroom: Findings from an action-based participatory research study in two intermediate classrooms

When: Nov. 22, 5 pm

Where: AE 100

Dr. Nan Stevens presents as part of the Research Provocations Series.

Expanding the suicide exposure continuum beyond a focus on bereavement

When: Nov. 29, 5 pm

Where: AE 100

Dr. Rebecca Sanford presents as part of the Research Provocations Series.

Tri-Agency News

Proposed new Tri-Agency Fund: Frontiers in Research

This new fund will support high-risk, future-oriented research projects that cross disciplinary boundaries. TRU anticipates further details and a Call for Proposals in late 2018, or early 2019.

- **Stream 1** would support *proof-of-concept projects*, with funding up to \$1 million over three years.
- **Stream 2** would support *large projects* to develop Canadian leadership in cutting-edge interdisciplinary research fields, with funding up to \$20 million over seven years

CFI: Conversation on the future of research and research infrastructure in Canada

Budget 2018 allocated significant and ongoing funding for research infrastructure. CFI is inviting the community to answer a number of questions related to trends that are likely to shape how we approach research and state-of-the-art infrastructure over the next 10 to 20 years. CFI is inviting institutions and all stakeholders to provide their comments in writing by Dec. 14 at conversation@innovation.ca. Early in the New Year, the CFI will be holding a number of town hall meetings across the country to hear from as many people as possible. Your feedback will help CFI continue to be responsive to the evolving needs of the

research community.

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*

SSHRC Insight Development Grants

Pilot initiative for 2019 competition: The Research Office is piloting a new process for the upcoming IDG competition. The purpose of this pilot initiative is to support applicants in developing strong applications by aligning the institution's resources with an opportunity for peer review. We are inviting Notice of Intent (NOI), due **Nov. 19**, and have provided competition timelines and an NOI template.

Please check the [2019 SSHRC IDG Competition Pilot](#) folder in [Research and Graduate Studies Tools and Resources](#) on One.TRU.

> **Join us!** You are encouraged to attend a session on the IDG application process, which includes tips on developing strong applications.

When: Nov. 30, 2 pm

Where: TBD

SSHRC Connection Grants

Deadlines: 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](#).

Special Call! SSHRC Connection Grant: Research Data Management Capacity Building Initiative

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

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

This grant supports the effective and responsible conduct of research, and increases the ability to store, find and reuse research data. A strong culture of data management will serve Canadian research excellence and support the development of social sciences and humanities insights. It will also benefit Canadian researchers working in international partnerships and collaborations as funders around the globe implement and strengthen data management requirements.

CIHR Catalyst Grant: Strategy for Patient-Oriented Research (SPOR) Innovative Clinical Trials

Deadline: Nov. 14

Value: Up to \$100,000

This grant will provide funding for innovative clinical trials that have a primary focus on comparative effectiveness research and/or implementation science research. The findings should be able to inform health-care decisions by providing evidence on the effectiveness, benefits, and harms of different health care options and other type of interventions.

Canada-BC Agri-Innovation Program

Deadlines: Nov. 16 and Feb. 8

Value: Varies

The Canada-BC Agri-Innovation Program allows industry, academia, value-added food processors, retailers and others to access funding for projects involving late-stage research; pilots and demonstrations; as well as the commercialization and adoption of innovative products, technologies and practices for the agriculture, food or agri-products sector.

SSHRC Insight Development Grants

Deadline: Nov. 19 (notice of intent) Please use the [template](#) to submit; Feb. 2 (full application)

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.

Bill & Melinda Gates Foundation: Grand Challenges - Increasing Demand for Vaccination Services

Deadline: Nov. 14

Value: \$100,000 USD

The purpose of this call is to increase demand for vaccination services and to increase the number of children vaccinated globally, therefore innovative proposals should address: (1) Novel approaches for providing practical knowledge about vaccines and vaccination services to caregivers; 2) Novel ideas for improving the convenience and/or caregiver seeking of vaccination services.

WorkSafeBC - Innovation at Work Grant

Deadline: Applications intake begins Nov. 23

Value: Up to \$50,000

These grants fund short term, small-scale projects that can lead to the development of new knowledge or practical solutions for workplace health and safety issues and promote increased collaboration between workplace parties, organizations, and researchers.

Water Research Foundation: Application of Big Data for Energy Management in Water Utilities

Deadline: Nov. 27

Value: up to \$50,000

The objective of this fund is to provide documentation and characterization of economic and environmental benefits and obstacles to utilizing non-traditional water sources for agricultural irrigation. See other Requests for Proposals on the Water Research Foundation [website](#).

NSERC Advancing Climate Change Science in Canada

Deadlines: Nov. 30 (letter of intent); Jan. 9 (full application)

Value: up to \$180,000/year

This opportunity provides support for activities that: i) Increase collaboration among federal scientists and policy makers and the extramural academic community to strengthen Canada's research ecosystem; ii) Enhance the ability of universities to support the objectives of the Pan-Canadian Framework on Clean Growth and Climate Change; iii) Increase the scientific information available to support government decision-making on climate action. The proposed research project must address one of the following research objectives: 1) Heat; 2) Forests; 3) Carbon cycle.

Weston Brain Institute - Rapid Response: Canada 2019 (Alzheimer's & Related Diseases)

Deadline: Dec. 3, 2018 (LOI); Full application, March 28, 2019

Value: up to \$200,000

The Rapid Response program provides seed funding to catalyze novel, high-risk, high-reward translational research to accelerate the development of therapeutics for neurodegenerative diseases of aging. Projects must meet two conditions: 1) Be translational research that helps accelerate the development of therapeutics for neurodegenerative diseases of aging; 2) Be the development of a therapeutic and/or tool. Preliminary data is not required.

SSHRC Partnership Engage Grants

Deadlines: 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](#).

CIHR Project Grant

Deadlines: Feb. 6 (registration); March 6 (application)

Value: varies

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 Research Priority Areas for 2019 will be announced shortly.

Trans-Atlantic Platform Social Innovation Call for Proposals

Deadline: Feb. 14

Value: varies

The Trans-Atlantic Platform is a collaboration among key humanities and social science funders in Europe and the Americas, which includes SSHRC in Canada. Projects funded under this call should add to the understanding of social innovation and deliver social innovation(s) through new research. [SSHRC](#) will be offering a [webinar](#) about this competition on Nov. 22.

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)

Internal Research Fund

Deadline: Jan. 15, 2019

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

The Internal Research Fund (IRF) is a small seed fund with the principal aim of scaffolding faculty development, especially in terms of tenure and promotion. Completion of an IRF project should significantly widen the applicant's sphere of influence in terms of his or her research and/or teaching. Use the [Romeo portal](#) to fill out and submit 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)

Environmental Science and Natural Resource Science Fellowship

Deadline: Nov. 17

Value: \$7,500 (two awards available)

Senior undergraduates or graduate students will be selected based on their scholarly achievements, their commitment to research and their demonstrated potential for future contributions to our understanding of the environment.

British Columbia Graduate Scholarships

Deadline: Dec. 1

Value: \$15,000

Four awards are available to the best and brightest graduate students who are leaders in their fields. Students enrolled in research intensive and professional programs are encouraged to apply. Awards will be given to domestic students based on academic achievement. Students must be entering their first or second year of full-time on-campus study.

Canadian Graduate Scholarship — Masters

Deadline: Dec. 1

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

TRU offers four CGS-M 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.

RISE-Globalink Research Internship (RISE-GRI)

Deadline: Dec. 15

Value: \$6,000

Mitacs and the German Academic Exchange Service (DAAD) have partnered to offer this program, which offers undergraduate students at Canadian universities the opportunity to undertake research at eligible German institutions. This competition is open to students studying biology, chemistry, computer science, physics, earth sciences, or engineering, and who have completed at least two years of a four or five year program.

Knowledge Mobilization

Presentations & Exhibitions

Blackstock, S., B. Salami, and G. Cummings. "Unveiling Oppression: Addressing Horizontal Violence among Nurses." Peer reviewed oral presentation at the 6th International Conference on Violence in the Health Sector: Advancing the delivery of positive practice. Toronto, ON. Oct. 26, 2018.

Fitzgerald, A., B.J. Barrett, P. Fritz, **R. Stevenson**, A. Peirone, and A. Grey. "The Co-occurrence of Animal Abuse and Intimate Partner Violence: Why It Matters." Presented at the Animals and Us: Research, Policy, and Practice Conference, Windsor, ON, Oct. 2018.

Fitzgerald, A., and **R. Stevenson**. "Helping abused women who have pets via strategic website content." Workshop delivered at the British Columbia Society of Transition Houses Annual Training Days, Vancouver, BC, Oct. 2018.

Kamphuis, Charis. "Transnational Lawyering for Land Defenders in Peru." Invited presenter at the [Communities, Law and the Mining Industry Conference](#), Vancouver, BC. Oct. 26-27, 2018.

Kamphuis, Charis. "Canadian Economic Diplomacy: Legal Strategies & Problematizations." Invited presenter at the *Business & Human Rights Ideas Conference*, Canadian Network for Corporate Accountability. Montreal, QC. October 2018.

Kamphuis, Charis. "Global Resources Extraction by Force: Law and Advocacy Strategies for Human Rights Defenders." Invited presenter at the workshop *Looking into Law & Development: Pedagogies and Politics of the Frame*. Toronto, ON. October 2018.

Shen, Zixing* and **Joel Wood**. "Tradable permits and pollution hot spots: Evidence from Ontario." Paper presented at the 28th annual meeting of the Canadian Resource and Environmental Economics Study Group, Universite du Quebec a Montreal, Montreal, QC,

Sept. 28, 2018.

Singer, Samuel. "Evaluating Tax Remission Orders: A Debt Relief Vehicle for Canadian Taxpayers." Workshop delivered at the Purdy Crawford Emerging Business Scholars. Halifax, NS. Oct. 20, 2018.

Singer, Samuel. "Evaluating Tax Remission Orders: A Debt Relief Vehicle for Canadian Taxpayers." Presented at the Fall Tax Policy Colloquium, hosted by the Stikeman Chair in Tax Law. Montreal, QC. Oct. 22, 2018.

Published books & articles

Ejaz, Waleed, and Alagan Anpalagan. *Internet of Things for Smart Cities: Technologies, Big Data and Security*. Springer, Cham. 2018.

Feldthusen, Bruce, Linden, Allen M. Linden, **Margaret Isabel Hall**, Erik S. Knutsen, and Hilary A.N.Young. *Canadian Tort Law, 11th Edition*. LexisNexis. (2018).

Keivanpour S., Ramudhin A., Ait Kadi D. "Towards the Blockchain-Enabled Offshore Wind Energy Supply Chain." In: Arai K., Bhatia R., Kapoor S. (eds) *Proceedings of the Future Technologies Conference (FTC) 2018*. Advances in Intelligent Systems and Computing, vol 880. Springer, Cham.

Leos-Toro, Cesar, Vicki Rynard, **Donna Murnaghan**, Jo-Ann MacDonald, and David Hammond. "Trends in cannabis use over time among Canadian youth: 2004–2014." *Preventative Medicine*. (2019) 118. 30-37.

Liu, Qian, Bo Li, and **Muhammad Mohiuddin**. "Prediction and Decomposition of Efficiency Differences in Chinese Provincial Community Health Services." *International Journal of Environmental Research and Public Health*. (2018) 15. 2265. doi:10.3390/ijerph15102265.

Teixeira da Silva, J. A., and **P. Tsigaris**. "What Value Do Journal Whitelists and Blacklists Have in Academia?" *Journal of Academic Librarianship*. (2018).

Teixeira da Silva, J.A., Dobránszki, J., Al-Khatib, A., and **P. Tsigaris**. "Challenges facing the DOAJ (Directory of Open Access Journals) as a reliable source of open access publishing venues." *Journal of Educational Media & Library Sciences*. 55.3 (2018).

Teixeira da Silva, J. A., and **P. Tsigaris**. "Academics must list all publications on their CV." *KOME-An International Journal of Pure Communication Inquiry*. (2018). 6(1), 94-99. http://komejournal.com/files/KOME_JATdSPT.pdf

Tilahun, S.L., and **M.A. Tawhid**. "Swarm hyperheuristic framework." *Journal of Heuristics* (2018).

*Indicates student author

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