



## *Welcome Back!*

We hope you had an enjoyable and productive summer, and look forward to working with you during what 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, and encourage your colleagues to do the same. For regular updates on faculty and research opportunities, please follow us on [Facebook](#).

### *> Update your bio*

The start of the fall semester is a great time to update, or create, a webpage using the [TRU Bio Generator](#). Once you have created a bio, contact your department's web editor in order to be added to your faculty page.



## *Graduate Student Orientation*

On Sept. 5, the Graduate Commons was packed with nearly 100 new students in attendance for the second annual Graduate Student Orientation. The event, organized by Graduate Student Research Mentors, provided an opportunity for incoming students to learn about upcoming workshops and

networking opportunities, and about all of the services that are available to them on campus.

## *Congratulations*

*TRU researchers net nearly  
\$950,000 in federal grants*

Congratulations to the seven TRU researchers who

received nearly \$950,000 over five years through the NSERC Discovery Grants program. They include:

- Dr. Kingsley Donkor, Chemistry
- Dr. Lauchlan Fraser, Natural Resource Science
- Dr. Jenni Karl, Psychology
- Dr. Ning Lu, Computing Science
- Dr. Yana Nec, Mathematics
- Dr. Heather Price, Psychology

[Read more](#)



## *Research News*



### *Prescribing exercise on a case-by-case basis*

Short bouts of acute, high-intensity exercise are likely to be most beneficial for older women at increased risk of heart-related illness, according to new Thompson Rivers University and University of Leeds research. Dr. Mark Rakobowchuk designed this research program at Leeds before moving to join TRU as an assistant professor of physiology.

[Read more](#)

### *Money can buy better education outcomes*

According to new research from TRU economist Dr. Ehsan Latif, if you want to reduce inequality you have to spend more money on public education.

[Read more](#)



## *Future of Research and Graduate Studies at TRU*

The Provost's Office and the Provost's Council have endorsed the establishment of a Strategic Consultation Task Force on the Future of Research and Graduate Studies at TRU. This consultation will assist with the implementation of TRU's Strategic Research

Plan and help align that implementation with the new Academic Plan and with Space Planning. As part of the consultation, there will be a survey distributed to students and faculty, as well as a series of focus group meetings. An external review team will generate a final report. We look forward to working with all our partners through this process.

## *Change to Romeo weblink*

The web address for TRU Romeo, the research administration tool allowing researchers and administrators to work collaboratively to manage internal and external grant applications, has changed. Please update your bookmarks to access this tool:

[https://tru.researchservicesoffice.com/Romeo.Researcher/Login.aspx?](https://tru.researchservicesoffice.com/Romeo.Researcher/Login.aspx?ReturnUrl=/ROME0.Researcher/default.aspx)

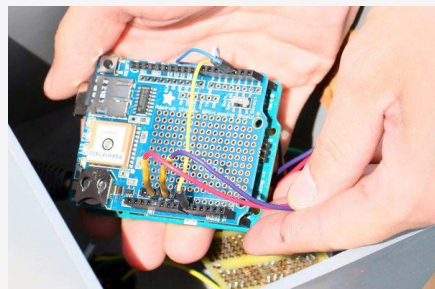
[ReturnUrl=/ROME0.Researcher/default.aspx](https://tru.researchservicesoffice.com/Romeo.Researcher/Login.aspx?ReturnUrl=/ROME0.Researcher/default.aspx)

## *Student Research*

### *Law students, faculty publish third volume of journal*

TRU Law students and faculty editors-in-chief have produced the third volume of the Canadian Journal of Comparative and Contemporary Law.

[Read more](#)



### *Using low-cost tech to make data collection easier*

Brandon Turner's use of low-cost technology is advancing the research of two geography professors with different research interests. Turner's project is funded by the Undergraduate Research Experience

Award Program.

[Read more](#)

### *What's driving Metro Vancouver's soaring home prices?*

Bachelor of Arts student Brennan Harder is digging deep into the question of soaring home prices as part of his Undergraduate Research Experience Award Program project.



[Read more](#)

## *Events*



### *Research Day*

**When: Sept. 13, 10 am - 2 pm**

**Where: Mountain Room, Campus Activity Centre**

Please join us to learn about new research initiatives that will impact you and your students during the 2017-18 academic year. The event features Dr. Bojan Furst of Memorial University, who will discuss community-engaged research and mobilizing

knowledge; as well, Robin McLay from Vancouver Island University will speak on the subject of universities and the social innovation agenda. Faculty will also have the opportunity to connect with their colleagues and learn about their exciting research programs. Please RSVP to [research@tru.ca](mailto:research@tru.ca).

[Read more](#)

### *What is Going to Happen Next, Kamloops launch*

**When: Sept. 19, 7-10 pm**

**Where: The Art We Are, 246 Victoria St.**

Karen Hofmann launches her latest novel at The Art We Are.

[Read more](#)

### *Submitting strong NSERC Discovery Grant and Research Tools and Instruments applications: Tips and Tricks*

**When: Sept. 28, 2-3 pm**

**Where: Clock Tower, 217**

Facilitated by Research Grants Development Officers Anita Sharma and Megan Prins, learn how to prepare an effective NSERC Discovery Grant application.

[Read more](#)

### *Graduate Student Career Building Retreat*

**When: Sept. 29, noon - 4 pm**

**Where: Graduate Commons, Main Library**

Led by career educator Susan Forseille, students will learn proven career development skills and essential networking skills. RSVP is required.

[Read more](#)

## *New Researcher Orientation*

**When:** Oct. 5, 7:15 am - 8:30 am

**Where:** Campus Activity Centre, Alpine Room

New and recently-hired tripartite faculty are invited to the New Researcher Orientation breakfast. This informal meeting creates a forum for networking, and supports the activities of recently-hired faculty members.

[Read more](#)

## *Tri-agency News*

### *NSERC webinar*

**When:** Sept. 14, 10 am - noon (PST)

**Teleconference No.:** 1-877-413-4790

**Conference ID:** 7462843

**Link:** [https://nsercofcanada.adobeconnect.com/\\_a1139318731/complete-application/](https://nsercofcanada.adobeconnect.com/_a1139318731/complete-application/)

NSERC will host a series of webinars to assist the research community on "How to Complete a Research Tools and Instruments Application using the Research Portal."

### *CIHR Peer Review Observer Program for New Investigators: Fall 2017 Project Scheme*

**Deadline:** Sept. 19, 2017

Selected early career investigators will be invited to observe one of the 53 committee meetings taking place in Ottawa as part of the review process for the Project Grant competition. There will be one ECI per committee. As observers, the ECIs will not participate in review discussions. The face-to-face meetings will be held in Ottawa **between Nov. 15 and Dec. 14, 2017**. Exact dates will be confirmed with each selected ECI once they are assigned to a committee. CIHR will cover the travel costs for the ECI to attend the committee meeting.

## *Funding Updates & Opportunities*

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

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

### *NSERC Connect Grants*

**Award value:** Up to \$5,000 for up to three months (level 1); from \$1,000 - \$5,000 for

**up to 1 year (level 2); up to \$25,000 for up to one year (level 3)**

#### **Variable deadlines**

Connect grants provide targeted financial support to encourage post-secondary researchers at universities and/or colleges to connect with industry and other knowledge end-user communities in order to form new partnerships. Connect Grant recipients can be individuals at either an [NSERC-eligible institution](#) or a not-for-profit, non-government organization (including an industry association).

### *Canadian Food Innovators: Canadian food and beverage processing cluster*

**Deadline: Sept. 22, 2017**

**Award value: Varies**

The program funding is available for science-based research that will accelerate the pace of innovation to: Grow Canada's food and beverage processing sector; make the sector more competitive; increase the productivity of firms in the sector; advance sustainable practices across the sector; capture new market opportunities for the sector; summary of priority research themes.

### *Vancouver Foundation Field of Interest - Arts & Culture*

**Deadline: Sept. 29**

**Award Value: Up to \$75,000**

This funding prioritizes projects that seek to influence or change systemic behaviours that inhibit the growth of artistic, cultural and heritage activities among diverse cultural communities.

### *NSERC Idea to Innovation Grants*

**Deadline: Oct. 2, 2017**

**Award 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.

### *IDRF & MEDA — Adoption of Agricultural Innovations Through Non-Traditional Finance: Call for Proposals*

**Deadline: Oct. 6, 2017**

**Value: Pilot study, up to \$200,000; Case study, up to \$50,000**

This program supports action-oriented research that tests and documents experiences of non-traditional finance in order to develop lessons and expand knowledge to inform policymaking and agricultural development programming.

## *Saving Brains: Round 6*

**Deadline: Oct. 11, 2017**

**Value: Up to \$250,000**

Funding is open to innovative solutions that address the risk factors facing children living in adversity by promoting health and nutrition, providing enrichment and nurturing, and protecting against maltreatment.

## *WERF/Pentair: Evaluating Economic & Environmental Benefits of Water Reuse for Agriculture*

**Deadline: Oct. 18, 2017**

**Award value: Up to \$90,000**

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.

## *NSERC Discovery Grant*

**Deadline: Nov. 1 (full application)**

The Discovery Grants Program supports ongoing programs of research with long-term goals. These grants recognize the creativity and innovation that are at the heart of all research advances.

## *Wildlife Habitat of Canada - Call for Proposals*

**Deadline: Nov. 1, 2017**

**Award value: Varies**

WHC primarily supports projects involving the participation of multiple partners that:  
Support the priority conservation activities under the North American Waterfowl Management Plan (NAWMP), including the human dimensions goal; support regional and local habitat projects of importance to other migratory game birds; support the priority conservation and management activities under the Newfoundland and Labrador Murre Conservation Fund.

## *SSHRC Partnership Development Grant*

**Deadline: Nov. 1, 2017 (internal); Nov. 30, 2017 (external)**

**Award value: \$75,000 - \$200,000**

Partnership Development Grants provide support over one to three years to teams/partnerships, led by a project director, to:

- 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, including networks, for research and related activities involving existing and/or potential partners; or

- 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.

Partnerships funding is intended for teams working in formal collaboration between postsecondary institutions and/or organizations of various types.

### *Vancouver Foundation Field of Interest - Education & Training*

**Deadline: Nov. 3, 2017**

**Award value: Up to \$75,000**

Funding will prioritise projects that work to ensure that children are socially and emotionally prepared to start school and to prepare young people to transition through and out of the education system.

### *CIHR Catalyst: Indigenous Approaches to Wellness Research*

**Deadline: Nov. 17, 2017**

**Value: Up to \$150,000**

This grant provides seed money to support research activities related to Indigenous approaches to wellness which represent the first steps towards the pursuit of more comprehensive funding opportunities (e.g., operating grants). This funding opportunity will fund researchers who, in collaboration with the Indigenous community, will develop, evaluate, and build on existing tools and methods to better incorporate Indigenous concepts of wellness in health research designs.

## *Funding Opportunities (internal)*

### *Undergraduate Research Apprenticeship Fund*

**Competition opens: Sept. 13, 2017, continuous intake**

**Award value: \$3,000**

This award is available to research-engaged faculty members, allowing them to hire an Undergraduate Research Apprentice to assist in the acceleration of their research. The application form will be available when the competition opens. All applications are to be initiated by faculty. Up to 30 awards are available.

### *Community-Driven Research Fund*

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

**Award value: \$2,500. Matching Contributions of up to \$2,500 in cash 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.

## *Knowledge Mobilization*

### *Presentations*

**Baugh, Bruce.** "Resisting the spectacle: counter-spectacles and invisible tactics." *Spectacle of Fascism Conference*, Simon Fraser University, April 7-9, 2017.

**Cheeptham, N.** "Student and Public Engagement through Cave Microbiology Research at Thompson Rivers University, Canada." *International Congress of Speleology Conference Proceedings*. July 23-29, 2017, Sydney, Australia.

**Doan, L.** "An alternative to the sink or swim experience: An exploration of an induction program in British Columbia, Canada." *European Early Childhood Education Research Association Conference*, August 31, 2017, University of Bologna, Bologna, Italy.

**Ghosh, Soumya**, Elise Paine, Rob Wall, Gabrielle Kam, Tanna Lauriente, Pet-Chompoo Sangarmangkang, Derrick Horne and **Naowarat Cheeptham.** "Cultivable bacterial diversity from Iron Curtain Cave in Canada." *International Congress of Speleology Conference Proceedings*. July 23-29, 2017, Sydney, Australia.

**Ghosh, Soumya, Robyn McArthur\***, **Naowarat Cheeptham.** "Bacteria isolated from Bush Lake and Timber Lake, British Columbia, Canada exhibit antagonistic activities against *Pseudogymnoascus destructans* the causative agent of white-nose syndrome." *International Congress of Speleology Conference Proceedings*, July 23-29, 2017 Sydney, Australia.

**Ghosh, Soumya, Robyn McArthur\***, Cori Lausen and **Naowarat Cheeptham.** "Anti-Pd activity: Can environmental microorganisms be used against *Pseudogymnoascus destructans*, the causative agent of white nose syndrome?" *Invasive Species Research Conference*. TRU, Kamloops, BC. June 20-22, 2017.

**Ghosh, Soumya, Robyn McArthur\***, Sierra Grand, Wadiyah Mubarak, Gabrielle Kam, Tanna Lauriente, Aaron Wong, Cori Lausen and **Naowarat Cheeptham.** "Anti-Pd activity: Can biological control agents (bee propolis, viral proteins, microorganisms from caves, environments, dwarf mistletoe and bat wings) be used to fight *Pseudogymnoascus destructans*, the causative agent of white-nose syndrome in bats." Poster Presentation, *WNS Conference*, Tennessee, USA, May 22-25, 2017.

**Hall, Margaret.** Paper presentation. "Law and Dementia: Situating Dementia in the Experience of Old Age," *International Academy of Law and Mental Health Conference*,

Prague, Czech Republic, July 9-14 2017.

**Hall, Margaret.** Paper presentation. "Responding to the Needs of Persons With Dementia: Developing a Canadian Tribunal Model," *International Academy of Law and Mental Health Conference*, Prague, Czech Republic, July 9-14 2017.

**Leier, Eileen.** "The Chinese Graveyard: Hudson's Bay Trail, Kamloops." *Alternation*. Kamloops Art Gallery. July 15 – Sept. 9, 2017

**Rees, Carol,** Raymond Mba , Wolff-Michael Roth. "Shifting to student-centred science inquiry: Investigating classroom talk." *European Science Education Research Association 2017 Conference*. Dublin City University, Dublin, Ireland, August 21-25, 2017.

## *Published books & articles*

Capretz, Luiz Fernando, **Faheem Ahmed**, Fabio Q.B. da Silva. "[Soft sides of software.](#)" *Information and Software Technology*. 2017.

**Cox, Raymond, Randall K. Kimmel**, and Grace W.Y. Yang. "Proportional Hazards Model of Bank Failure: Evidence from USA. *Journal of Economics & Financial Studies*, Vol. 5 No. 3, 2017, pp. 35-45. <http://journalofeconomics.org>

**Ghosh, Soumya**, Elise Paine, Rob Wall, Gabrielle Kam, Tanna Lauriente, Pet-Chompoo Sa-ngarmangkang, Derrick Horne, and **Naowarat Cheeptham**. "In situ cultured bacterial diversity from the Iron Curtain Cave, Chilliwack, British Columbia, Canada." *Diversity*, vol. 9 no. 3, 2017, pp. 36-51. doi:10.3390/d9030036

**Ghosh, S.,** N. Kuisiene, and N. Cheeptham. "Cave microbiomes for drug discovery: reality or pipe dream?" *Biochemical Pharmacology*. Vol. 134, 2017, pp. 18-34. <http://www.sciencedirect.com/science/article/pii/S000629521630421X?via%3Dihub>

Gonzalez, Santiago, **Murat Sakir Erogul**, and **Salvador Barragan**. "[Benchmarking corporate social responsibility against principles for responsible management education.](#)" *International Journal of Management in Education*. Vol. 11, No. 3, 2017, pp. 330-346.

Halilem, Norrin, Nabil Amara, Julia Olmos-Peñuela, **Muhammad Mohiuddin**. "[To Own, or not to Own? A multilevel analysis of intellectual property right policies' on academic entrepreneurship.](#)" *Research Policy*. Vol. 46. No. 8, 2017, pp. 1479-1489.

**Hanlon, R. J.** "Thinking about the Asian Infrastructure Investment Bank: Can a China-Led Development Bank Improve Sustainability in Asia?" *Asia & the Pacific Policy Studies*. 2017.

**Hu, Jim** and **Alana Hoare**. "[Employer Perspectives on EAL Employee Writing Problems.](#)" *Comparative and International Education*. Vol. 46, No. 1, 2017 [Online] .

Jin, A., M. Brussoni, M.A. George, C.E. Lalonde, and **R. McCormick**. "Iatrogenic Injury among the Aboriginal and Total Populations of British Columbia, Canada, 1991–2010: Inequities Associated with Ethnicity and Socioeconomic Status." *Journal of Health Care for the Poor and Underserved*. Vol. 28, No. 3, 2017, pp. 952-972. *Project MUSE*, doi:10.1353/hpu.2017.0090. <https://muse.jhu.edu/article/666591/summary>

Khan, A. H. & **Dewan, H.** "Can the availability of informal loans be detrimental to microloan repayment?: Some empirical evidence from Bangladesh." *The Journal of Developing Areas*. Vol. 51, No. 4, 2017, pp. 347-359. *Project MUSE*, doi:10.1353/jda.2017.0106. <https://muse.jhu.edu/article/662847/summary>

LaZerte, S.E., **M.W. Reudink**, K.A. Otter, et al. "feedr and animalnexus.ca: A paired R package and user-friendly Web application for transforming and visualizing animal movement data from static stations." *Ecology and Evolution*. 2017, pp. 1-13. <https://doi.org/10.1002/ece3.3240>

**Lien, Che-Hui**, Jyh-Jeng Wu, Shu-Hua Chien, Chueh-Yi Lee. "Anxious attachment, relational embeddedness, trust, co-production, and performance: An empirical study in online business-to-business relationships." *Telematics and Informatics*. 2017 [Online] <http://dx.doi.org/10.1016/j.tele.2017.06.016>.

**Mahbobi, Mohammad**, and Rashmit Singh G. Sukhmani. "Likelihood of financial distress in Canadian oil and gas market: An optimized hybrid forecasting approach." *Journal of Economic & Financial Studies*. Vol. 5, No. 4, 2017, pp. 12-25.

\***McArthur, R., Ghosh, S., and Cheeptham, N.** "Improvement of protocols for the screening of biological control agents against white-nose syndrome." *The Journal of Experimental Microbiology and Immunology Plus (JEMI+)*. Vol. 2, 2017, pp. 1-7.

**Nec, Yana.** "Dynamics of pulse solutions in Gierer–Meinhardt model with time dependent diffusivity." *Journal of Mathematical Analysis and Applications*. 2017. <http://dx.doi.org/10.1016/j.jmaa.2017.08.027>.

Schanzel, Heike A., **John S. Hull**, and Jan Velvin. "Family tourism and the ski experience at Sun Peaks Resort, Canada. *CAUTHE 2017: Time For Big Ideas? Re-thinking The Field For Tomorrow*. Lee, Craig, Sebastian Filep, Julia N. Albrecht, Willem J.L. Coetzee, Eds. 2017, pp. 640-643.

**Tawhid, Mohamed A.**, and Vimal Savsani. "ε-constraint heat transfer search (ε-HTS) algorithm for solving multi-objective engineering design problems." *Journal of Computational Design and Engineering*. 2017. <http://dx.doi.org/10.1016/j.jcde.2017.06.003>.

**Tawhid, Mohamed A.**, and Vimal Savsani. "Multi-objective sine-cosine algorithm (MO-SCA) for multi-objective engineering design problems." *Neural Computing and Applications*. 2017.



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