



**THOMPSON
RIVERS
UNIVERSITY**

Research &
Graduate
Studies

Research Newsletter



News



Research that builds community

We are pleased to announce TRU's fifth annual report on research. The report is a celebration of the world-class research taking place at TRU.

[Read more](#)

TRU law faculty joins Royal Society's College of New Scholars, Artists and Scientists

Dr. Richard Frimpong Oppong is now a member of the College of New Scholars, Artists and Scientists of the Royal Society of Canada.

[Read more](#)



TRU, UBC team up to explore useful bioproducts found in cannabis

Dr. Bruno Cinel, a natural products chemist, has teamed up with other researchers to discover useful products that can be made from cannabis.

[Read more](#)



Putting higher education in its place

A new Green Guide, authored by five TRU faculty — Lyn Baldwin, Nancy Flood, Kim Naqvi, Ginny Ratsoy and Elizabeth Templeman — explores the role of place in higher education. A celebration for the new guide was held on Oct. 3.

[Read more](#)



Hofmann's latest novel "incisive and deeply satisfying"

Karen Hofmann's latest novel, *What is Going to Happen Next* published Sept. 15, and is already getting great reviews.

[Read more](#)

Master of Nursing welcomes inaugural class

The Master of Nursing program kicked-off with an event on Sept. 7, welcoming its inaugural class of students.

[Read more](#)



Congratulations

Johnson's Peace Pledge wins



screenplay competition

George Johnson's play, Peace Pledge, won Toronto's Wildsound Film Festival, and will be featured during the UN International Day of Peace.

[Read more](#)

Best Technical Talk

Tyson Bodor, an undergraduate chemistry student, took the award for Best Technical Talk for his presentation, "Determination of Xanthate Compounds in Mining Process Waters by Capillary Electrophoresis," at the Canadian Mineral Analysts Conference, held in Kamloops, Sept. 10-14.



Updates

Research Day a huge success

Thank you to all those who took time out of their busy back-to-school schedules to attend Research Day, held on Sept. 13. The event provided an opportunity to hear from several faculty members about their exciting research programs, as well as from keynote speaker Bojan Furst of Memorial University, who discussed creative methods for mobilizing knowledge, and Robin McLay of Vancouver Island University who spoke to the social innovation agenda.

Input requested: Strategic Consultation on Research and Graduate Studies

Your input and expertise is needed for the University's strategic consultation process. We need your help shaping the direction of Research and Graduate Studies at TRU, and will endeavour to include all key stakeholder groups in the process:

- **Dialogue I**, Oct. 20, Campus Activity Centre, Alpine Room: Early Career Faculty, 3-4 pm; Mid-Career Faculty, 4-5 pm
- **Dialogue II**, Oct. 27, Campus Activity Centre, Alpine Room: Full Professors, 3-4 pm; Research Chairs and Research Centre Directors, 4-5 pm

Undergraduate Research Apprenticeship

There was an overwhelming response to the call for applications for this program. We wish to thank all those who applied for this opportunity, and thank the adjudication committee, who is in the final stages of notifying successful applicants. The competition is now closed, to reopen in September 2018.

Events

Arts Colloquium Series

When: Oct. 10, 4:20-5:20 pm

Where: AE208

What: Politics faculty member Derek Cook presents a talk called Understanding the Irrational.

[Read more](#)

EDSW Research Provocations Series

When: Oct. 11, 5-6 pm

Where: AE366

What: Silvia Straka, Assistant Professor in Social Work and Human Service, presents, "Decolonizing and reconciling pedagogies in the academy: A settler social work educator's perspective."

Science Seminar Series

When: Oct. 12, 1-2 pm

Where: S208

What: Dr. Gino DiLabio from UBC-Okanagan presents, "A New View of the Role of Quantum Effects in Radical Enzymes."

[Read more](#)

Environmental Sciences Seminar Series

When: Oct. 12, 4-5:30 pm

Where: S203

What: Dr. Sean Smuckler of UBC presents, "Managing agricultural soil."

[Read more](#)

Preparing a SSHRC Insight Development Grant application

When: Oct. 17, 2-3:30 pm

Where: CAC, Executive Boardroom

What: Facilitated by Research Grants Development Officer Dr. Megan Prins, this session is designed for faculty interested in applying for a Social Sciences and Humanities Research Council Insight Development Grant.

[Read more](#)

EDSW Research Provocations Series

When: Oct. 18, 5-6 pm

Where: AE366

What: Karen Densky from the Faculty of Education presents Tensions and identity transformation in the TESOL student teacher practicum experience.

Arts Colloquium Series

When: Oct. 24, 4:20-5:20 pm

Where: TRUSU Boardroom

What: Jason Bermiller, from the faculty of Journalism, Communication and New Media presents, "Adaptation theory and transmedia adaptations: The graphic novelization of Fear and Loathing in Las Vegas."

[Read more](#)

EDSW Research Provocations Series

When: Oct. 25, 5-6 pm

Where: AE366

What: Nan Stevens of the faculty of education presents, "Is full inclusion working? The need for a continuum of educational choice."

Science Seminar Series

When: Oct. 26, 1-2 pm

Where: S208

What: Dr. Jianping Xu of McMaster University presents, "Fungal Mitochondrial Inheritance—from natural population surveys to laboratory investigations and back."

[Read more](#)

Graduate Supervisory Training

When: Nov. 3, 1-5 pm

Where: IB Panorama Room

What: This interactive workshop, facilitated by Dr. David Hansen of the University of

Calgary, is recommended for all faculty who supervise graduate students.

[Read more](#)

Arts Colloquium Series

When: Nov. 7, 4:20-5:20 pm

Where: TRUSU Lecture Hall

What: Charis Kamphuis, Faculty of Law, presents "Regulating foreign investment for human rights: Canadian mining abroad."

[Read more](#)

Student workshops, events & opportunities



#IAmInnovation Twitter contest

The Canadian Foundation for Innovation (CFI) has launched a Twitter contest for students and post-docs at universities that have received funding from CFI. They're looking for creative tweets of images and videos that show how

CFI-funded labs and facilities have helped advance their research. The winner will have one day to take over the CFI's Twitter feed, and will be their guest at a special event in Ottawa. Contest details available [here](#). Those interested can tweet their entry up until Dec. 1.

Mitacs Globalink Research Award

Deadline: Nov. 8, 2017

This award funds research collaborations between senior undergraduate and graduate students and faculty members at a university overseas. Eligible projects last between 12-24 weeks and are open to students in all disciplines.

2017 BC MBA Games

When: Oct. 20-22, all day

Where: Various locations on campus

What: MBA schools from across the province are at TRU competing for the BC MBA Games Cup. This year's theme is social innovation, with a focus on health. The Canadian Mental Health Association has been chosen as the charity partner.

[Read more](#)

Info session: Canadian Graduate Scholarship — Masters

When: Oct. 23, 1-2 pm

Where: Main Library, Graduate Commons

What: The CGS-M info session will walk graduate students through the process of applying for these \$17,500 awards.

[Read more](#)

Graduate Studies: Career Education Retreat

When: Oct. 27, 12 - 1:30 pm

Where: Main Library, Graduate Commons

What: Graduate students will learn proven career development strategies, along with networking and interview skills.

[Read more](#)

Research ethics for graduate students

When: Nov. 2, 12-1:30 pm

Where: Main Library, Graduate Commons

What: This workshop will explain all you need to know about ethics and compliance requirements in research, be it with humans, animals or biological materials.

[Read more](#)

Get the word out: Communication skills for graduate students

When: Nov. 9, 12-1 pm

Where: Main Library, Graduate Commons

What: Discover best practices for effective communication in an academic & professional setting, and for growing your network through social media.

[Read more](#)

Tri-agency News

Launch of the renewal of the Tri-Agency Financial Administration Guide

NSERC, CIHR, SSHRC launched the renewal of the Tri-Agency Financial Administration Guide (TAFAG) in September. A large part of the renewal will involve streamlining and simplifying the administration and use of grant funds by creating a principles-based TAFAG in consultation with the community. The vision for this updated guide is to promote

efficiencies, reduce administrative burden, and provide greater flexibility to administering institutions and grant recipients in ensuring the appropriate accountability and use of grant funds. The Agencies expect to have the new principles-based guide in place by late Spring 2018.

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).

Michael Smith Foundation: Pathway to Patient-Oriented Research (P2P) Awards

Deadline: Oct. 16, 2017 (internal); Oct. 30, 2017 (external)

Value: \$20,000

These awards help BC-based [patient-oriented research](#) teams pilot and test the feasibility of their project, to make their future grant applications stronger.

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

Deadline: Oct. 18, 2017

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.

MSFHR: Convening and Collaborating (C2)

Deadline: Oct. 18, 2017 (internal); Oct. 27, 2017 (external)

Value: \$15,000

These awards support teams of health researchers and research users plan and carry out collaborative activities such as consultations, public engagement or co-development of research methodology.

NSERC Research Tools and Instruments Grant

Deadline: Oct. 9, 2017 (internal); Oct. 25, 2017 (external)

Value: \$7,000 - \$150,000

RTI grants assist in the purchase of research equipment to support NSERC-funded research.

NSERC Discovery Grant

Deadline: Oct. 16, 2017 (internal); Nov. 1, 2017 (external)

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

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.

CIHR Operating Grant: Opioid Crisis Knowledge Synthesis

Deadline: Nov. 21, 2017 (internal); Dec. 5, 2017 (external)

Value: \$110,000 for up to six months

Webinar: Oct. 17, 2017 from 1:30 - 3:30 pm, EST

This funding opportunity will support expedited knowledge synthesis grants to rapidly inform policies on opioids related to one or more pillars of the Canadian Drugs and Substances Strategy (i.e. prevention, treatment, harm reduction and enforcement).

SSHRC Partnership Development Grant

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

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

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: Oct. 9, 2017 (internal); Oct. 17, 2017 (external)

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)

Research Training Recognition Fund

Deadline: Oct. 13

The RTRF reflects TRU's ongoing commitment to student research training. Regular faculty 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.

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 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

James, Cindy, Jim Wollack, and Sara Rieder Bennett. "How to get published in the Journal of the National College Testing Association (NCTA): Tips from the Editor, a Reviewer and an Author." National College Testing Association Conference. Sept. 13-15, 2017, Cincinnati, OH.

Kimmel, Randal K. and **Derek Pyne**. "Ranking Major North American Economics Conferences." Presented at the Western Economic Association International Annual Conference. June 25-29, 2017, San Diego, CA.

Promislow, Janna. "Deciding on the future: Ratification votes and Indigenous self-determination in Canada." The Limits and Legitimacy of Referenda Symposium. Sept. 22-23, 2017. University of Toronto, Toronto, ON.

Singer, Samuel. "Trans Rights, Gender Identity, and Gender Expression in Canada." Gender Identity and Gender Expression panel at the Canadian Human Rights Commission's 2017 National Human Rights Symposium. Sept. 27-28, 2017. Ottawa, ON.

Published books & articles

Bennett, Lloyd. "Incidents and Accidents in Plein Air Painting: One Path Towards Post-impressionism." *Journal of Literature and Art Studies*. Vol. 7, No. 10, 2017, pp. 1290-1298.

Chimner, RA, **TG Pypker**, JA Hribljan, P Moore, M Waddington. "Multi-decadal changes in water table levels alter peatland carbon cycling." *Ecosystems*. Vol. 20, 2017, pp. 1042-1057.

Elmiligi, Haytham, Mohamed Sallam, M. Watheq El-Kharashi. "A power-optimized, area-efficient implementation of Connection-Then-Credit NoC physical layer." *Microelectronics Journal*. Vol. 68, 2017, pp. 55-68.

Ortner, C. N. M., *D. Corno, *T. Y. Fung, and *K. Rapinda. "The roles of hedonic and eudaimonic motives in emotion regulation." *Personality and Individual Differences*, Vol. 120, 2017, pp. 209–212.

*Preston, K, **TG Pypker**, B Orr. "Women and fuelwood in Lupeta, Tanzania: Constraints to

alternative fuels and fuelwood management strategies.” *Journal of Sustainable Forestry*. Vol. 36, 2017, pp. 555-567.

Pypker, TG, MH Unsworth, JT Van Stan II, BJ Bond. “The absorption of water vapor by epiphytes in an old-growth Douglas-fir forest during the seasonal summer dry season: Implications for canopy energy budgets.” *Ecohydrology*. Vol. 10, 2017.

Sadeghi, SMM, JT Van Stan, **TG Pypker**, J Friesen. “Canopy hydrometeorological dynamics across a chronosequence of a globally invasive species, *Ailanthus altissima* (Mil., tree of heaven).” *Agricultural and Forest Meteorology*. Vol. 240, 2017, pp. 10-17.

*Indicates student author



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