



**THOMPSON  
RIVERS  
UNIVERSITY**

Research &  
Graduate  
Studies



# Research Newsletter

## *Research Updates*

### *Input requested: Strategic Consultation on Research and Graduate Studies*

The Office of Research and Graduate Studies is in the process of assessing the impact of its current Strategic Research Plan, and is looking for further direction on its implementation during its final two years. Thank you to all those who have attended the Dialogue Sessions to date. There are still several sessions scheduled, and we urge you to consider attending:

- Dialogue III: Nov. 17, 2017, 3-4pm Deans; 4-5 pm external community partners
- Dialogue IV: Nov. 20, 2017, 3-4pm Graduate Studies program coordinators; 4-5pm graduate students
- Dialogue V: Nov. 24, 2017, 3-4pm Librarians; 4-5 pm; Open Learning faculty
- Dialogue VI: Nov. 27, 2017, 3-4pm undergraduate students; 4-5 pm Indigenous scholars
- Dialogue VII: Dec. 11, 2017, 3-4pm TRU World; 4-5 pm research service providers

### *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 the following grants:

- NSERC Discovery Grants
- NSERC Research Tools and Instruments
- SSHRC Insight Grants
- SSHRC Connection Grants
- CIHR Project Grants
- CIHR Catalyst Grants
- MSFHR Convening & Collaboration Grant
- MSFHR Pathway to Patient-Oriented Research Grants

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 [Megan Prins](#).

## News



### *Supporting those who care for our littlest learners*

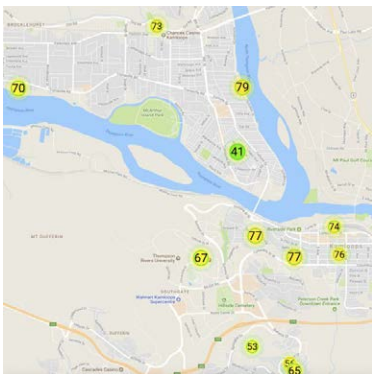
Supported by a \$10,000 grant from Make Children First, Dr. Laura Doan researches ways to reduce high turnover in early childhood education.

[Read more](#)

### *\$90,000 awarded to undergraduate research apprentices*

Faculty are now able to hire 30 students through the Undergraduate Research Apprentice program.

[Read more](#)



### *Four new community research projects awarded funding*

A series of new research projects are designed to provide students with opportunities to conduct community-driven research.

[Read more](#)

### *Researchers developing probiotic cocktail to combat deadly bat disease*

A new treatment to prevent White Nose Syndrome in North American bats will be developed in Dr. Naowarat Cheeptham's microbiology lab at TRU.

[Read more](#)





## *Despite climate challenges, the future looks bright for BC wines*

Extreme weather, which brings with it wildfire and drought, is just one challenge facing BC's wine industry, said Dr. John Hull, co-chair of the Wine and Culinary Tourism Futures Conference, which took place Oct. 17-20, in Kelowna, BC.

[Read more](#)

## *No. 1 concern for older adults living with health conditions? Transportation*

Dr. Noeman Mirza and Dr. Wendy Hulko have spent the past year speaking with older adults within Interior Health, and investigating the repositioning of health services.

[Read more](#)

## *Congratulations*



## *Aboriginal health researcher named a Difference Maker*

Dr. Rod McCormick, BC Innovation Chair in Aboriginal Health, has been named one of the country's 150 Leading Canadians for Mental Health.

[Read more](#)

## *Graduate student awards nearly double*

Kamloops philanthropist Ken Lepin presented \$60,000 in awards to 12 exceptional graduate students during an Oct. 18 ceremony.

[Read more](#)



## *Events*

# RESEARCH symposium



**High impacts in undergraduate research: Establishing inclusive opportunities**

## *SAVE THE DATE — High impacts in undergraduate research: Establishing inclusive opportunities*

This international research symposium, scheduled for **Feb. 19-21 at TRU**, will provide a venue for us to share findings, evidence-based practices, and innovative strategies enabling us to transform undergraduate research programs in order to welcome and support *all* students.

### *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](#)

### *Lecture Series*

#### *Arts Colloquium Series*

**These events take place in the TRUSU Lecture Hall, CAC, from 4:20-5:20 pm**

- **Nov. 7:** Charis Kamphuis, Faculty of Law, presents "Regulating foreign investment for human rights: Canadian mining abroad."
- **Nov. 21:** Judy Boychuk Duchscher, School of Nursing, presents, "Maximizing Entry to Practice: Preparing New Graduates for the Real World."

#### *Research Provocations*

**These events feature researchers from the Faculty of Education and Social Work, and take place in AE 366, from 5-6 pm**

- **Nov. 8:** Jodi Latremouille, presents, "Life writing towards an ecological activism of joy."
- **Nov. 15:** Dr. Wendy Hulko, and Lori Seeley of Interior Health, present, "I think that's a really great idea; however, will it really happen?" Older adults' views on the repositioning of primary and community care in BC's Central Interior."
- **Nov. 22:** Dr. Laura Doan, along with Master of Education student and Research Assistant

Aksa Mughal, present, "The power of connections: The experiences of early childhood educators in a pilot induction support project."

• **Nov. 29:** Dr. Carol Rees, present, "Engaging middle school students' interest and awareness of science through a science inquiry activity that incorporates online remote access to analytical instrumentation."

## *Environmental Science Seminar Series*

**These events take place in the Ken Lepin Science Building, S 208, from 4-5 pm**

• **Nov. 23:** Dr. Nathan Pelletier of UBC-O presents, "Considering the past, present and future of industrial agri-food systems."

• **Nov. 30:** Dr. Jim Hare of the University of Manitoba presents, "With a Little Help from their Friends: Richardson's Ground Squirrel Alarm Communication."

## *Student events & opportunities*



### *Get the word out: Communication skills for graduate students*

**When:** Nov. 9, Noon - 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](#)



### *#IAmInnovation Twitter contest*

The Canadian Foundation for Innovation (CFI) has launched a contest looking for creative tweets from students of images and videos that show how CFI-funded labs and facilities have helped advance their research. Contest details

available [here](#). Those interested can tweet their entry up until Dec. 1.

## *Student funding*

### *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.

## *Environmental Science and Natural Resource Science Fellowship Award*

**Deadline: Nov. 17, 2017**

**Value: \$7,500; two awards available**

This fellowship is available to either senior undergraduate or graduate students, who are selected based on their scholarly achievements, their commitment to research and their demonstrated potential for future contributions to our understanding of the environment.

## *Canada Graduate Scholarship - Masters*

**Deadline: Dec. 1, 2017**

**Award value: \$17,500**

TRU offers four CGS-M entrance, one each from the CIHR and NSERC, and two from SSHRC. The application must be completed through the [Research Portal](#), and it is recommended that students start their applications early.

## *RISE-Globalink Research Internship*

**Deadline: Dec. 15, 2017**

**Value: \$5,200**

Mitacs and the German Academic Exchange Service (DAAD) offer this program that provides undergraduate students at Canadian universities with the opportunity to undertake research at eligible German institutions. Canadian students will be paired with a PhD supervisor in Germany for a three-month project. This competition is open to full time undergraduate students in biology, chemistry, physics, earth sciences, or engineering, who have completed at least two years of a four or five year program.

## *Tri-Agency News*

### *Tri-Agency Financial Administration Guide summary of changes*

NSERC, CIHR, SSHRC launched the renewal of the Tri-Agency Financial Administration Guide (TAFAG) in September. 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.

## *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 Partnership Development Grant*

**Deadline: Nov. 13, 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.

## *CIHR Operating Grant: Opioid Crisis Knowledge Synthesis*

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

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

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).

## *CIHR Project Grant*

**Registration deadline: Jan. 23, 2018 (internal); Feb. 6, 2018 (external)**

**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. The best ideas may stem from new, incremental, innovative, and/or high-risk lines of inquiry or knowledge translation approaches.

## *Funding Opportunities (internal)*

### *TRU Internal Research Fund*

**Deadline: Jan. 12, 2018**

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

These awards are designed to scaffold faculty development, especially in terms of tenure and promotion. The IRF is a small seed fund that is not intended to provide funding for

major projects. New faculty are encouraged to apply.

## *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.

## *Knowledge Mobilization*

### *Presentations*

\*Boule, Kelsey, **Courtney W. Mason**, Tara-Leigh McHugh and Leisha Strachan.

“Rethinking positive youth development and barriers to physical activity programs for urban Indigenous youth.” Paper presented at the 48th Annual Canadian Society for Psychomotor Learning and Sport Psychology (SCAPPS), St. John’s, NL, Oct. 13, 2017.

**Buis, Doug** and **Ernie Kroeger**. “Walking Towards a Perceptual Mosaic.” *Culture, Sustainability, and Place: Innovative Approaches for Tourism Development*, Ponta Delgada, São Miguel Island, Azores, Portugal, Oct. 10, 2017.

**Kamphuis, Charis**. “Contesting Community Industry Agreements & Access to Justice.” *Law and Politics of Indigenous-Industry Agreements*. University of Saskatchewan, Saskatoon, SK, Oct. 13-14, 2017.

\*Kosmenko, Nickolas, \*Kelsey Boule, Leisha Strachan, Tara-Leigh McHugh and **Courtney W. Mason**. “Relevance of an Existing Knowledge-To-Action Model to Research with Indigenous Youth.” Paper presented at the 48th Annual Canadian Society for Psychomotor Learning and Sport Psychology (SCAPPS), St. John’s, NL, Oct. 13, 2017.

**Mohiuddin, Muhammad**. “China-Pakistan Economic Corridor (CPEC): Game Changer or Game over?” Invited guest speaker of Groupe d’études et de recherche sur l’Asie contemporaine. University of Laval, Quebec City, QC, Oct. 27, 2017.

Spooner, Melinda, and **Kathleen Scherf**. “Deep Mapping with Artists’ Books.” *Culture, Sustainability, and Place: Innovative Approaches for Tourism Development*. Ponta Delgada, São Miguel Island, Azores, Portugal, Oct. 10, 2017.

**Wood, J**. “Did Ontario’s Emission Permit Trading Policy Reduce Emissions?” Annual Conference of the Canadian Resource and Environmental Economics Study Group,



Western University, London, ON, Sept. 29-Oct. 1, 2017.

## *Published books & articles*

Fazal, Syed Ali, Abdullah Al Mamun, Sazali Abdul Wahab, and **Muhammad Mohiuddin**. "Host-Country Characteristics, Corporate Sustainability, and the Mediating effect of Improved Knowledge: A Study among Foreign MNCs in Malaysia." *Multinational Business Review*. 2017.

Harrower, W.L., D.S. Srivastava, C. McCallum, **L.H. Fraser**, and R. Turkington. "Temperate grassland songbird species accumulate incrementally along a gradient of primary productivity." *PLoS ONE*. Vol. 12, no. 10, 2017.

**Nec, Y**, and G. Huculak. "Solution of weakly compressible isothermal flow in landfill gas collection networks." *Fluid Dynamics Research*. vol. 49, no. 6, 2017.

**Ng, Alex**, and Di Zheng. "Let's Agree to Disagree! on Payoffs and Green Tastes in Green Energy Investments." *Energy Economics*. 2017.

**Sanchez-Flores, Monica**. "Mindfulness and Complex Identities in Equity Training: A Pilot Study." *European Review of Applied Sociology*. Vol. 10, no. 14, 2017.

**Smith, Ron G.**, Ian J. Smith, and Brendan D. Smith. "A novel strategy for sequestering atmospheric CO<sub>2</sub>: The use of sealed microalgal cultures located in the open-oceans." *Renewable and Sustainable Energy Reviews*. 2017.

\*Indicates student author



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