

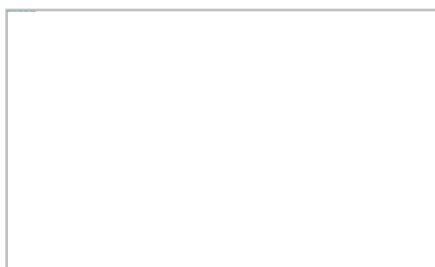


**THOMPSON  
RIVERS  
UNIVERSITY**

Research &  
Graduate  
Studies

# Research Newsletter

## *Research in the news*



### *BC's Interior universities join forces to take research to a new level*

Researchers at British Columbia's three Interior universities will benefit from enhanced opportunities and increased mobility, thanks to a newly-signed memorandum of understanding that will be a game

changer for higher education in the region.

[Read more](#)

### *TRU genomics lab a first for the BC Interior*

The BC Interior's first high-throughput genomics lab is now open at TRU, under the direction of Biology faculty member Jonathan Van Hamme.

[Read more](#)



### *Research seeks to empower Cuban communities*

Alejandro Campos Garcia will travel to Cuba to coordinate community research training programs focused on people of African descent. His research is supported by a \$100,000 USD research grant from the [Ford Foundation](#).

[Read more](#)





## What's a little fib or two at Christmas?

Dr. Heather Price assures parents that elaborate seasonal deceptions can teach children good critical thinking skills.

[Read more](#)

## Research News

### Tri-University Major Project Collaboration Grant

**Deadline: Jan. 15, 2018**

**Award value: \$10,000 (four awards available)**

This new grant opportunity is designed to develop research collaborations and capacity between BC's three Interior research universities — TRU, UBC-Okanagan, and the University of Northern BC. Funds are awarded on the basis of research excellence that can be supported by external funders. Complete applications must be submitted to [research@tru.ca](mailto:research@tru.ca).

### REGISTER NOW — Undergraduate research symposium

Register now for this international research symposium, scheduled for **Feb. 19-21 at TRU**. The symposium 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. [Check the website](#) for the event schedule and list of presenters.



### Update: Strategic Consultation on Research and Graduate Studies

Thank you to all those who have participated in the Strategic Consultation to date by attending one of several Dialogue Sessions. Minutes from these sessions are now [online](#). A Town Hall is being planned, and will take place during Research Week, March 19-24, 2018, providing further opportunity to participate in this process.

### Merit Awards now open

**Deadline: Feb. 17, 2018**

If you know a faculty researcher who is deserving of acknowledgement, please consider nominating them for one of several Research and Graduate Studies merit awards.

Nominations are now being accepted for:

- Award for Excellence in Scholarship
- Master Scholar Award
- Undergraduate Research Mentor Award
- Graduate Research Mentor Award

Please submit all applications to [research@tru.ca](mailto:research@tru.ca).

## *Congratulations*



### *\$7,500 fellowships awarded to graduate researchers*

Graduate students Jordann Foster and Jared Maida have been awarded the 2017 Environmental Science and Natural Resource Science Fellowship.

[Read more](#)

### *Positive reactions: TRU's top chemistry grads win Silver medals*

The two top TRU chemistry students graduating this year have been awarded the Canadian Society for Chemistry Silver Medal. Tyson Bodor, who is also an Undergraduate Research Ambassador, and Mathias Imeson, were awarded with the Chemistry and the Environmental Chemistry silver medals, respectively.



[Read more](#)

## *Events*



### *Philosophy, History & Politics student conference*

**When:** Jan. 18-20

**Where:** Various locations

**What:** Explore the past and present through

presentations in philosophy, history, and politics during this student-organized conference.

[Read more](#)

## *Arctic conservation in the 21st century*

**What:** Environmental Science Seminar Series

**When:** Jan. 25, 4-5 pm

**Where:** S203

Dan Slavic, a socio-economic advisor with Alberta Energy Regulator, presents "Arctic conservation in the 21st century: Perspectives from the tundra."

[Read more](#)

## *Scripting history*

**What:** Arts Colloquium Series

**When:** Jan. 25, 4:30 - 5:30 pm

**Where:** TRU Students Union Lecture Hall

English faculty member George Johnson presents, "Peace pledge: The challenges of scripting history for the big screen."

[Read more](#)

## *Equity: Art, Access, and Visual Inspection*

**What:** Guest lecture

**When:** Jan. 26, 9:30 - 11 am

**Where:** OM1562

Matt Rader, creative writing faculty member at UBC Okanagan, presents "What we talk about when we talk about equity: Art, access and visual inspection."

[Read more](#)

## *Graduate Students Career Retreat*

**When:** Jan. 27, 9am - 3pm

**Where:** Graduate Commons, Main Library

**What:** Learn essential work strategies and other important career tips through mini-lectures and hands-on activities.

[Read more](#)

## *Why do birds sing at night?*

**What:** Environmental Science Seminar Series

**When:** Feb. 1, 4-5 pm

**Where:** S203

Dr. Jennifer Foote of Algoma University presents, "In the still of the night: Nocturnal singing by two diurnal passerines."

[Read more](#)

## *Exploring remote caves*

**What:** Science Seminar Series

**When:** Feb. 8, 1-2 pm

**Where:** S373

Christian Stenner, Alberta Provincial Coordinator, Alberta/BC Cave Rescue Service presents, "Discoveries under the mountains: Exploration of remote caves and avenues for research."

[Read more](#)

## *The Camera Obscura Project*

**What:** Arts Colloquium Series

**When:** Feb. 8, 4:30 - 5:30 pm

**Where:** TBD

Professor Donald Lawrence presents this lecture, shaped around the 2015 *Midnight Sun Camera Obscura Festival* in Dawson City, Yukon, part of the SSHRC-funded, TRU-based *Camera Obscura Project*, which draws upon historical forms of pre-photographic optical apparatus to explore opportunities around art-making and community engagement in remote settings and of such interests as the meeting places of art and science or of learning and play.

[Read more](#)

## *Student opportunities*

### *NEW: Winter 2018 UREAP competition now open*

**Deadline:** Feb. 28, 2018, 4 pm

**Value:** \$4,500

The Undergraduate Research Experience Award Program (UREAP) can help you start your own original research project. It is a way to improve your resume, increase your academic and professional success, and make your time in university more interesting and rewarding. Projects funded by UREAP may also be eligible for an additional operating grant of up to \$1,000 to cover expenses. Application support will be available beginning in February in the Undergraduate Research Commons, OM 1522.



## *Undergraduate Research Ambassador program opens*

**Deadline: March 16**

**Value: \$3,000 (14 awards available)**

The Research Ambassador program is open to students who have at least 60 completed credits, a GPA of 3.2 or higher, and have engaged in or are currently engaged in research or creative activities under the guidance of a TRU faculty member. Ambassadors will work with the Research Office on a range of projects related to undergraduate research.

## *Graduate Research Mentor Fellowship opens*

**Deadline: March 16, 2018**

**Value: \$7,000**

The mentorship program is open to graduate students who are engaged in research and who wish to serve as mentors for undergraduate research, scholarship and creative enquiry. Mentors will volunteer with the Research Office on a variety of projects.

## *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*

## *Genome BC Sector Innovation Program - Intake 4*

**Deadline: Jan. 18, 2018 (Lol); Full application March 1, 2018 (internal); March 15, 2018 (external)**

**Value: \$75,000 - \$250,000**

The focus of this award is on microbiome research across the following key sectors of interest are divided into the following categories: Forestry; fisheries and aquaculture; agrifoods and agriculture; or energy, mining and the environment.

## *SSHRC Insight Development Grant*

**Deadline: Jan. 19, 2018 (internal); Feb. 2, 2018 (external)**

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

This program supports research in its initial stages, enabling the development of new research questions, as well as experimentation with new methods, theoretical approaches and/or ideas. Funding is provided for short-term research projects, of up to two years.

## *BC Ignite Program - Round 5*

**Deadline: Lol Jan. 22, 2018; full application April 16, 2018 (internal); May 1, 2018 (external)**

**Value: Up to \$300,000**

BCIC Ignite provides funding for collaborative, industry-driven, academic research leading to commercializable projects. Teams must be working on project(s) with the potential for significant benefit to BC. Technologies should have a clearly articulated solution to an existing industry problem, be beyond proof of concept but pre-commercial, and demonstrate the capacity to move the proposed innovation to market within a 3-year timeframe.

*CIHR Project Grant*

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

*Investment Agriculture Foundation of BC - General Application*

**Deadline: Jan. 24, 2018 (internal); Feb. 9, 2018 (external)**

**Value: Varies (<\$100,000)**

IAFBC offers a variety of programs to assist the agriculture and food processing industries in BC. The general application covers a variety of research initiatives, whether you're interested in pursuing a local marketing or export opportunity, enhancing environmental sustainability or developing a new product or process, funding is available to help turn your idea into reality.

*Genome BC Societal Issues, Round 2*

**Deadline: Sol Jan. 24, 2018; full application, March 8, 2018 (internal); March 22, 2018**

**Value: Up to \$50,000**

This opportunity is for British Columbia researchers participating in a six- to 18-month project investigating the application of genomics to societal questions and concerns. Relevance to at least one of the Agrifood and Natural Resources (forestry, agrifood, fisheries/aquaculture, energy, mining or environment) sectors is required.

*NSERC Strategic Partnership Grants for Projects, Lol*

**Deadline: Jan. 25, 2018 (internal); Feb. 1, 2018 (external)**

The Strategic Partnership Grants for Projects require a partnership between researchers and eligible industrial and/or government organizations and enable the transfer of knowledge/ technology and expertise to these organizations.

## *WorkSafeBC - Innovation at Work Grant*

**Deadline: Jan. 25, 2018 (internal); Feb. 8, 2018 (external)**

**Value: Up to \$50,000**

Grants provided through Innovation at Work fund short term, small-scale projects that can lead to the development of new knowledge or practical solutions for workplace health and safety issues.

## *BC Physical Literacy for Communities Initiative*

**Deadline: Jan. 31, 2018 (internal); Feb. 15, 2018 (external)**

**Value: Up to \$50,000**

As part of the BC Active People, Active Places, BC Physical Activity Strategy, funded by the Ministry of Health, the Sport for Life Society will be delivering the Physical Literacy for Communities initiative in selected communities across the province. The purpose of the initiative is to improve the development of physical literacy, which leads to increased physical activity positively impacting health and well-being.

## *SSHRC Partnership Grants, Lol*

**Deadline: Stage 1-Feb. 1, 2018 (internal); Feb. 15, 2018 (external); Stage 2, Nov. 1, 2018 (external)**

**Value: Stage 1 - \$20,000; Stage 2 - up to \$500,00 per year over four to seven years**

## *CIHR Operating Grant: SPOR PIHCI Network - Knowledge Synthesis Grants*

**Deadline: Feb. 20, 2018 (internal); March 6, 2018 (external)**

**Value: Up to \$25,000; five awards available**

This grant support knowledge syntheses and scoping reviews, which are the cornerstone of knowledge translation. This funding opportunity will support cross-jurisdictional projects that respond to one or more of the [network priorities](#), which were determined in consultation with the PIHCI member networks and their stakeholders.

## *CIHR: Operating Grant : SPOR PIHCI Network - Comparative Program and Policy Analysis*

**Deadline: Feb. 20, 2018 (internal); March 6, 2018 (external)**

**Value: Up to \$62,500; five awards available**

This funding opportunity focuses on two areas: 1) Comparative policy analyses across different provincial/territorial health system contexts and related health outcomes and 2) Comparative analysis of programmatic innovations in health care delivery that could scale to a system level.



## *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.

## *CANARIE Research Software Program Competitive – Funding Call 2b*

**Deadline: March 12, 2018 (internal); March 27, 2018 (external)**

**Value: Up to \$225,000**

The purpose of the program is to provide software tools to Canadian researchers to reduce time to discovery; allow researchers to make effective use of Canadian digital infrastructure; promote re-use of tools to minimize the costs of software development prior to the start of research; create a community of research software developers in Canada to further accelerate discovery through collaborative software development and sharing of expertise.

## *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.

## *Misk Grand Challenges: Activating Global Citizenship*

**Deadline: April 18, 2018 (internal); May 2, 2018 (external)**

**Value: >\$100,000**

The Misk Grand Challenges are seeking proposals for different models to engage and empower youth (under 30 years old) in the SDGs– what works and why. This funding is looking to engage and build a generation of global citizens as “someone who is aware of, and understands, the wider world – and their place in it”.

## *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.

## *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*

### *Op-Eds*

**Clark, Paul.** ["B.C. Bud and what to do with our cannabis entrepreneurs."](#) *Vancouver Sun*, Nov. 10, 2017.

**Hanlon, Robert J.** ["China is reshaping the liberal order, and it's for the better."](#) *Policy Forum*, Dec. 4, 2017.

**Heshka, Jon,** and Jeff Jackson. ["Ski event organizers are putting athletes at risk."](#) *Montreal Gazette*, Dec. 18, 2017.

### *Media mentions*

#### **Church, John:**

- Smith Thomas, Heather. ["Are you ready for a drone?"](#) *Canadian Cattleman*, Nov. 28, 2017.

#### **Heise, Brian:**

- Sperling, Jill. ["Goldfish threatening native fish species in B.C. Interior."](#) *CFJC Today*, Dec. 12, 2017.

#### **Jones, Craig:**

- Hanomansing, Ian. ["B.C. judge who stayed murder charges in Surrey Six case owes](#)

public an explanation: legal experts." *CBC News*, Dec. 8, 2017.

- Lindsay, Bethany. "Public interest behind Crown appeal of stay granted to accused killer Jamie Bacon." *CBC News*, Dec. 11, 2017.

#### **Pyne, Derek:**

- Austen, Ian. "Bernie Sanders, Health Care and Hydro: The Canada Letter." *New York Times*, Nov. 3, 2017.
- *Quand les universités profitent des revues prédatrices*, Agence Science-Pressé, Nov. 12, 2017.
- Berman, Robby. "You Know these studies are Good Since they've been Reviewed...by a dog." *Big Think*. Dec. 21, 2017.
- Cress, Phaedra. "When Authors get Caught in the Predatory (Illegitimate Publishing) Net." *Scholarly Kitchen*. Dec. 11, 2017.

#### **Wood, Joel:**

- Kirby, Jason. "The 91 most important economic charts to watch in 2018." *Maclean's Magazine*, Dec. 5, 2017.

### ***Presentations***

**Kalynka, Darlene.** Exhibition: *From Pixels to Press, Photogravure in a Contemporary Idiom*, Remarque New Grounds Print Workshop, Albuquerque, New Mexico, Nov. 3-25, 2017.

**McNeil-Seymour, Jeffrey.** Invited Lecture: "Why Two-Spirit is Markedly Different than LGBTQ." University of British Columbia, Vancouver, BC, Nov. 23, 2018.

**Ng, Alex, Randall K. Kimmel, and Li Zhang.** Paper presentation: "Do Cross Country Institutional Factors Influence Corporate Social Responsibility? An Examination of United Nations Global Compact Members." *2017 Cross Country Perspectives in Finance (CCPF) Conference*, Chiang Mai, Thailand, Dec. 15 - 17, 2017.

### **Published books & articles**

**Ghosh, Soumya, \*Robyn McArthur, \*Zhi Chao Guo, \*Rory McKerchar, Kingsley Donkor, Jianping Xu, and Naowarat Cheeptham.** "Evidence for Anti-Pseudogymnoascus destructans (Pd) Activity of Propolis." *Antibiotics*. Vol. 7, no. 1, 2018.

**Hunt, Chris D.L., and Micah B. Rankin.** "R v Bradshaw: The principled approach to hearsay revisited." *The International Journal of Evidence & Proof*. Vol. 22, no. 1, pp. 68-78, 2017.

Kurtz, D. L. , **S. Mahara**, P. Cash, J. Nyberg, **E. Patrick Moller.** "Indigenous Methodology in Understanding Indigenous Nurse Graduate Transition to Practice." *International Indigenous Policy Journal*. Vol. 8, no. 4, 2017.

Maple Myfanwy, Tania Pearce, **Rebecca Sanford**, Julie Cerel, Dolores Angela Castelli Dransart, and Karl Andriessen. "A systematic mapping of suicide bereavement and postvention research and a proposed strategic research agenda." *The Journal of Crisis*

*Intervention and Suicide Prevention*, pp. 1-8, 2017.

\***Marini, Kristen L.D., Matthew W. Reudink, \*Stefanie E. LaZerte**, and Ken A. Otter. "Urban mountain chickadees (*Poecile gambeli*) begin vocalizing earlier, and have greater dawn chorus output than rural males." *Behaviour*. Vol. 154, Is. 12, 1197-1214. 2017.

**Nec, Y.** "Transitions in asymmetric spike patterns with anomalous diffusion." *Mathematical Modelling of Natural Phenomena*. Vol. 12, no. 6, 2017, pp. 144-170.

Sibbald, T., and **V. Handford**. "Is there a metric to evaluate tenure?" *Academic Matters*. pp. 9-13, 2017.

Thornton, Daniel H., Aaron J. Wirsing, Carlos Lopez-Zonzalez, Scott Fisher, **Karl W. Larsen**, Alan Peatt, Matt A. Scrafford, Arthur E. Scully, Travis W. King, and Dennis L. Murray. "Asymmetric cross-border protection of peripheral transboundary species." *Conservation Letters*, 2017.

\*Indicates student author



*Find us on Facebook*

*Research news is always welcome. Please email [research@tru.ca](mailto:research@tru.ca) if you have news, events or accomplishments you'd like to share.*

