



## *Celebration of Research*

Thank you to everyone who participated in TRU's second annual Research Week, March 19-24. The week showcased TRU faculty and student research, fostered the development of university and community research collaborations, and provided support through a variety of workshops.

### *Rattlesnakes crack the first Nutshell*

Valerie Law's rattlesnake research took top honours at the inaugural In A Nutshell undergraduate research communication competition. The event was coordinated by TRU's Undergraduate Research Ambassadors, and was such a success, that plans are in the works to bring it back next year.

[Read more](#)



### *Dungeons & Dragons research a critical hit*

Graeme Hallett, a Master of Education student, won the 2018 3MT for his presentation, "Does Dungeons & Dragons Improve Social Skills?" Hallett will now move on the Western Canadian finals scheduled for April 27 at the University of Regina. Master of Science students Janelle Paulson and Kelsey Boule tied for second place, while Paulson was voted People's Choice.

[Read more](#)

## *Strategic Consultation - Update*

In fall 2017, a Strategic Consultation on Research and Graduate Studies was launched, and a task force established. Throughout the fall and winter of 2017, the task force hosted several focus groups, stakeholder presentations and consultations, and developed a survey. Minutes of each session have been posted online, and preliminary survey findings were presented during the Strategic Consultation Town Hall, which took place during Research Week. An internal report is being prepared by the task force, with the external review and report expected to be complete by May 2018. Findings and recommendations from this report will be presented to the Senate Research committee, the Graduate Studies Committee of Senate and the Provost's Council.

## *Research News*

### *Join the Experts List*

A new, searchable Experts List, launched during [Research Week](#). Please familiarize yourself with this list, and complete this simple [sign-up form](#) to be added to the directory.

### *TRU enters The Conversation*

TRU is the newest 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, please contact [Danna Bach](#).



[Read more](#)

### *> A workshop with The Conversation Canada Editor Scott White*

**When: May 15, 10 am - Noon**

**Where: OM 4731**

Faculty are invited to join Scott White, editor of *The Conversation Canada*, to learn how to bring their research to a global audience.

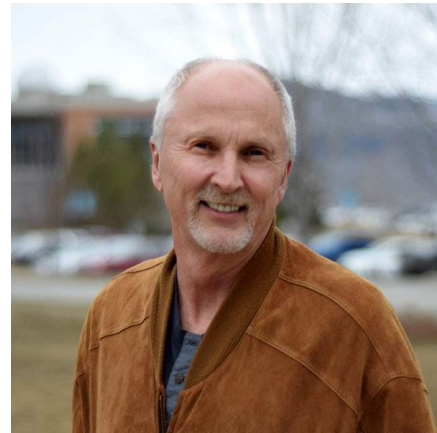
[Read more](#)

## *Congratulations*

*Larsen, Ortner awarded for outstanding research mentorship*

Dr. Karl Larsen and Dr. Catherine Ortner have been recognized for their commitment to empowering and encouraging undergraduate researchers.

[Read more](#)



### *Students to spend summer as funded researchers*

Nineteen students have been awarded \$4,500 UREAP scholarships, allowing them to spend the summer conducting independent research.

[Read more](#)

## *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

### *Misk Grand Challenges: Activating Global Citizenship*

**Deadline: May 2, 2018**

**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”.

### *CIHR Network Environments for Indigenous Health Research*

**Registration deadline: April 26**

**Full application: June 5**

**Value: Up to \$75,000 per year for up to 1 year**

The Network Environments for Indigenous Health Research (NEIHR) builds on previous efforts of the Network Environments for Aboriginal Health Research and the Indigenous

Mentorship Network Program by establishing a solid foundation for Indigenous health research driven by Indigenous (i.e., First Nations, Inuit and Metis) communities in Canada. NEIHR will take a broader and more sophisticated approach to Indigenous health research and capacity building not just by focusing on individuals, but also by concentrating on Indigenous communities and social structures.

## *Spencer Foundation Small Research Grants*

**Deadline: May 1**

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

In keeping with the Spencer Foundation's mission, this program aims to fund academic work that will contribute to the improvement of education, broadly conceived.

## *SSHRC Connection Grants*

**Value: \$7,000- \$25,000 for events and up to \$50,000 for outreach activities**

**Agency deadlines: May 1, Aug. 1, Nov. 1, Feb. 1**

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](#).

## *Gates Foundation Grand Challenges: Affordable, nutritious, appealing food for low-income countries*

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

**Deadline: May 2**

This competition is designed to advance innovative technologies to enhance the availability and accessibility of affordable, nutritious foods for low-income consumers, working within the key constraint that these innovations must be relevant to market-based food systems in low and middle-income countries. Overall, our target population is young women, mothers, and children from 6-23 months of age.

## *Gates Foundation Grand Challenges: Reinventing teaching and school leadership*

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

**Deadline: May 2**

This opportunity is for new innovative ideas that transform teaching or school leadership to better prepare children with the 21st century skills they need to succeed in the future. Modern 21st century skills, such as problem solving, leadership, creativity, and adaptability, require a new active, student-centered system for learning. The call is seeking ideas that better prepare teachers and school leaders to drive this new active 21st century

system for learning.

## *Speech & Audio Technology for Voice Interaction and Video Understanding*

**Deadline: May 6**

**Value: \$20,000 - \$50,000 (USD)**

Facebook invites research proposals for speech & audio technology that advances the state-of-the-art in human-computer interaction, human-human interaction, and video content understanding. Successful proposals will demonstrate innovative and compelling research that has the potential to significantly advance the state of the art. Applicants from the academic community should submit a two-page proposal outlining their intended research, a budget overview, and an estimated timeline.

## *Travel Awards — International Course on Antibiotics and Resistance (ICARe)*

**Deadline: May 10**

Three travel awards will be provided to early-career scientists – post-doctoral fellows, post-health professional degree fellows and investigators – to attend the International Course on Antibiotics and Resistance (ICARe) from Oct. 6-14, 2018 at Les Pensières, Annecy, France.

## *BC Parks Living Lab for Climate Change and Conservation*

**Deadline: May 13**

**Value: \$10,000 - \$40,000**

This program promotes B.C.'s protected areas as places to learn about the effects of climate change and how to mitigate and manage for these effects. Funding supports public academic researchers to conduct climate change research in B.C.'s protected areas.

## *The Killam Program of the Canada Council for the Arts: Killam Research Fellowships*

**Deadline: May 15**

These awards, which are administered by the Canada Council, provide support to scholars of exceptional ability who are engaged in research projects of broad significance and widespread interest.

## *MSFHR Reach Program*

**Deadline: May 30**

**Value: \$10,000**



The Reach Program supports researcher and research user partners to co-develop dissemination activities that will inform and/or improve further health research, practice and/or policy-making; supports the dissemination of research evidence beyond the normal peer group of the researcher; and, facilitates the uptake of research evidence for those who use health research (patients, the public, policy makers, etc.)

### > [2018 Reach Webinar](#)

**When:** April 16, 1:30 - 2:30 pm

**Where:** CT 217, or [LOGIN](#)

The [Reach](#) competition helps teams of health research users plan and implement dissemination activities, adapting messages and mode of delivery in order to reach audiences who can directly use the knowledge. MSFHR will be running an information webinar on how to apply for this competition.

### [NSE: International Information Science Foundation Visiting Researcher Support Program](#)

**Deadline:** May 31

**Value:** \$1,953.60 travel grants to Japan

The International Information Science Foundation in Japan has been supporting the travel expenses of outstanding young computer scientists who wish to visit Japan for research purposes. Supported activities are: Presentation at an international conference on computing science held in Japan; Conducting research at a Japanese university or research institute.

### [E-Rare-3 Joint Transnational Call \(2018\)](#)

**Deadline:** June 14

**Value:** Up to \$125,000 per year, for up to 3 years

The ERA-NET “E-Rare” for research programmes on rare diseases has been extended to a third phase “E-Rare-3” (2014-2019) to further help in coordinating the research efforts of European, Associated and non-European countries in the field of rare diseases and implement the objectives of the International Rare Disease Research Consortium (IRDiRC). CIHR is pleased to be partnering with the Fonds de recherche du Québec – Santé (FRQS) once again in the context of this ERA-Net.

### [SSHRC Partnership Engage Grants](#)

**Deadlines:** June 15, Sept. 15, Dec. 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](#).

## *Mohamed bin Zayed Species Conservation Fund*

**Deadlines: Last day of June & December**

**Value: Up to \$25,000 per project**

This fund is a significant philanthropic endowment established to: provide targeted grants to individual species conservation initiatives; recognize leaders in the field of species conservation; and, elevate the importance of species in the broader conservation debate.

## *SSHRC Insight Grants*

**Deadline: Oct. 15**

**Value: Stream A: \$7,000 - \$100,000, Stream B: \$100,001 - \$400,000**

These grants support long-term research initiatives. The goal of the program is to build knowledge and understanding about people, societies and the world by supporting research excellence in all subject areas eligible for funding from SSHRC. Applications are accepted in two streams now depending upon the budget request.

## *SSHRC Partnership Development Grants*

**Deadline: Nov. 30**

**Value: \$75,000 - \$200,000**

These grants provide support to teams/partnerships, led by a project director, to: i) 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 for research and related activities involving existing and/or potential partners; or ii) 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.

## *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.

## *Canada Council for the Arts: Explore and Create*

**Deadline: Continuous**

**Award value: \$25,000 per year for 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 and project development.

## *NSERC Connect Grants*

**Deadline: Continuous**

**Value: Level 1, up to \$5,000; Level 2: up to \$25,000**

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](#).

## *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)*

### *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 & Exhibitions*

**Mason, Courtney W.** "Indigenous Tourism in Rural Canada: Histories of Displacement and Contemporary Partnership Development." Presented to the School of Tourism, University of Otago, Dunedin, New Zealand. March 14, 2018.

### *Published books & articles*

\***Antonelli, Paul M., Lauchlan H. Fraser, Wendy**

**C. Gardner, Klaas Broersma, John Karakatsoulis, and \*Michelle E. Phillips.** "Long term carbon sequestration potential of biosolids-amended copper and molybdenum mine tailings following mine site reclamation." *Ecological Engineering*, vol. 177, 2018. pp. 38-49

Aziz, Nusrate, **Belayet Hossain**, and Masum Emran. "Role of income in intergenerational co-residence: Evidence from selected African and Asian countries." *Australasian journal on ageing*. March 2018. DOI: 10.1111/ajag.12511.

Capretz LF, and **F. Ahmed.** "A call to promote soft skills in software engineering." *Psychology and Cognitive Sciences Open J*, vol. 4, no. 1, 2018. pp. e1-e3. doi: 10.17140/PCSOJ-4-e011.

**Hanlon, Robert James.** "Human Trafficking and the Issue of Slavery in Supply Chains." *Migration, Refugees and Human Security in the Mediterranean and MENA*. Palgrave Macmillan, Cham, 2018. pp. 177-198.

Hodder, Dexter P., **Karl W. Larsen**, and Shannon M. Crowley. "Effects of Scale and Gender on Winter Habitat Selection by American Mink." *The American Midland Naturalist*, vol. 179, no. 2, April 2018, pp. 261-274.

Kolka, Randall K., Anthony W. D'Amato, Joseph W. Wagenbrenner, Robert A. Slesak, **Thomas G. Pypker**, Melissa B. Youngquist, Alexis R. Grinde, and Brian J. Palik. "Review of Ecosystem Level Impacts of Emerald Ash Borer on Black Ash Wetlands: What Does the Future Hold?" *Forests*, vol. 9, no. 4, 2018.

Pomella, N., E.N. Wilhelm, C. Kolyva, J. González-Alonso, **M. Rakobowchuk**, and A.W. Khir. "Non-invasive Assessment of the Common Carotid Artery Hemodynamics with Increasing Exercise Workrate Using Wave Intensity Analysis." *American Journal of Physiology - Heart and Circulatory Physiology*, 23 March 2018. DOI: 10.1152/ajpheart.00667.2017

\*Indicates student author



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