Where is your research taking you?

For the second year, CBC Radio is planning a summer series featuring TRU researchers, so tell us what you're doing this summer! If you are disseminating your research at conferences this summer, tell us, as this information will help populate the research world map in the 2016-17 Annual Report on Research.

How to recognize predatory publishing

Your research is important. Your research reputation is just as important. Choosing where to publish your research is critical in the scholarship lifecycle. Publishing in a predatory journal — one that charges excessive fees and often offers little-to-no peer review — can damage your academic reputation. These predatory publishers often promise rapid turnaround, and can be aggressive in their marketing. Distinguishing between bogus "predatory" publications, authentic open access journals and even traditional journals, requires thoughtful and critical review, and the TRU Library can help. Faculty are encouraged to consult the library's resources on predatory publishing, or talk to their liaison librarian, who can assist in identifying quality and reputable journals and publishers.
— *Kathy Gaynor, Scholarly Communications Librarian*

Walking alongside the Tk'emlúps te Secwépemc

TRU and TteS signed an agreement that commits to fostering greater understanding and respect between the two organizations. The agreement outlines how TRU will work with TteS to implement the Truth and Reconciliation Calls to Action, and ensures that all education practices, including research, will be respectful to the traditional territory of Tk'emlúps te Secwépemc.

Read more

Find us on Facebook

Research and Graduate Studies has launched a Facebook page, so if you don't already like us, start! Follow our page and stay informed. We can also be found on Twitter.

Research in the News

Hearing the Indigenous voice in health care

Dr. Lisa Bourque Bearskin delivered the Margaret Elder Hart Distinguished Visitor lecture at the University of Manitoba, and challenged students to acknowledge that Indigenous patients may have a different perspective. The lecture was featured in The Winnipeg Free Press.

Read more

A new kind of cattle ranch

Dr. John Church's research using drones to manage cattle is highlighted in the latest issue of Alberta Farmer Express.

Read more

Mitigating climate change impact through grassland management

Dr. Lauchlan Fraser's research into the use of remote sensing to predict soil carbon across BC grasslands was recently featured in The Western Producer.

Read more

Research Spotlight

Behind Bitcoin

Open Learning faculty member John Prpić recently published a paper looking into the blockchain phenomenon and the technology behind Bitcoin.

Read more

Research internship sends student abroad

Mathew Norman will spend his summer in Germany as part of a RISE-Globalink Research Internship.

Read more

Explaining the youth vote

An Elections BC-funded research project found youth are less likely to vote because parties fail to address their chief concerns.

Read more

All set to contribute to TRU's research community

The 2017-2018 Undergraduate Research Ambassadors and Graduate Research Mentors have been announced.

Read more

Events

NSERC Community Engagement Visit

When: June 1, 10 am to 12 pm (with lunch from 12-1 pm)

Location: TBD

Representatives from NSERC will be on campus to meet with researchers. This is a great way to learn about the latest program and policy updates. Lunch will be provided. Please RSVP to Wendy Watters.

Read more

Invasive Species Research Conference

Invasive species researchers and practitioners across the Pacific Northwest will be at TRU from June 20-22, 2017 for the Invasive Species Research Conference, co-hosted by TRU and the Invasive Species Council of BC. Conference highlights include field trips, oral presentations, poster presentations, and keynote addresses by Dr. Daniel Simberloff and Dr. Anthony Ricciardi. **Poster abstracts are being accepted until May 31**. For inquiries, contact events@bcinvasives.ca.

Read more

Research Funding News

NSERC Discovery Grant program

NEW! Early Career Researchers are now considered to be those within three years of the start of an NSERC eligible position, and who have no academic or non-academic independent research experience prior to the three-year window at the time of submitting the Notification of Intent to Apply for a Discovery Grant. The three-year window can be adjusted to take into account instances where a researcher has had an acceptable delay in research or period of inactivity. **Notice of Intent is due Aug. 1.**

NEW! Diversity increases our power of sight by providing multiple points of view, and allows participants to challenge one another to produce the best course of action. To that end, NSERC is searching for opportunities to better engage under-represented groups and institutions and increase their participation in NSERC Programming. Discovery Grant applicants are encouraged to consider how to create more equitable and diverse labs.

NSERC Research Tools and Instruments

NEW! NSERC is returning to processes that were in place before the establishment of university quotas. Quotas will be removed and the Fall 2017 RTI competition will be open to all eligible Canadian university researchers. Researchers will be able to participate on

one application per competition, either as an applicant or a co-applicant, but not both. The portal opens on Aug. 1.

NSERC call for members

The Government of Canada is currently seeking applications from diverse and talented Canadians from across the country who are interested in becoming members (part-time) of the NSERC council. Candidates must apply online by 8:59 a.m. PST on June 5, 2017, via the Governor in Council Appointments website. Cover letters should be addressed to the Assistant Secretary to the Cabinet (Senior Personnel), Privy Council Office, and should only be sent through the online application.

SSHRC Insight Grants

NEW! SSHRC will offer applicants the choice of two streams within the IG funding opportunity. The two stream approach is intended to respond to the concerns raised by both researchers and peer reviewers, namely that there is a perceived bias encouraging larger and longer grants and that there are no options for established scholars seeking smaller grants to support ongoing research. These changes will be implemented for the 2017 IG competition.

• Stream A (duration of 2-5 years) will be for requests ranging from $7,000 to $100,000
• Stream B (duration of 2-5 years) will be for requests ranging from $100,000 to $400,000

Those researchers who applied unsuccessfully for an Insight Development Grant in the 2017 competition may apply for Stream A or B in the 2017 IG competition.

SSHRC Partnership Engage Grants

NEW! SSHRC Partnership Engage Grants have a value between $7,000 and $25,000 and are designed for a single partner organization from the not-for-profit, public or private sector. The PEG will be offered four times per year, and the program opens June 1, with the inaugural deadline set for Sept. 15, 2017. Successful applicants will be notified in December.

Funding Updates & Opportunities (faculty)

For information about upcoming external funding opportunities, visit the Funding Calendar

CIHR Project Grant, Spring 2017 pre-announcement

Deadline: May 30, 2017 (agency registration); June 13, 2017 (external complete application)
The Project Grant Program is designed to capture ideas with the greatest potential to advance health-related fundamental or applied knowledge, health research, health care, health systems, and/or health outcomes. It supports projects with a specific purpose and a

defined endpoint.

Mitacs Elevate - postdoctoral funding

Deadline: June 7, 2017
Award value: $55,000 per year, (plus $7,500 per year non-cash value training)
Mitacs Elevate is now accepting applications for two-year postdoctoral funding. This is a competative research management training program and fellowship. Successful applicants will develop critical career skills as they complete a collaborative research-based project with a partner organization.

Genome BC — Sector Innovation Program

Deadline: July 10 (Internal Statement of Interest)
Award Value: Up to $250,000
The Sector Innovation Program aims to support genomic research which has the long-term potential to address the needs of key sectors in BC's economy and society. Key sectors of interest are divided into the following categories:

• Forestry;
• Fisheries and aquaculture;
• Agri-foods and agriculture;
• Energy, mining and the environment; and
• Health

Connection Grants

Deadline: July 18 (internal); Aug. 1 (agency)
Award value: $7,000 to $25,000 for events; up to $50,000 for other outreach activities
Connection Grants support events and outreach geared toward short-term, targeted knowledge mobilization initiatives. These events represent opportunities to exchange knowledge and to engage on research issues of value to those participating.

NSERC Discovery Grant

Deadline: Aug. 1 (Notice of Intent); 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.

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).

Canada Council for the Arts: Explore and Create

Deadline: Ongoing
Award value: $25,000 per year, 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, creation and project development.

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.

Mobilizing   Knowledge

Presentations

Baugh, Bruce. "Resisting the spectacle: counter-spectacles and invisible tactics." SFU Institute for the Humanities' *The Spectacle of Fascism*. Vancouver, BC, April 2017.

Ortner, C. N. M.; ***Chadwick, L.**; ***Wilson, A**. "Thinking about the future is associated with adaptive emotion regulation." Poster Session. *Society for Affective Science, Annual Conference*. Boston, MA, April 2017.

Ratsoy, Ginny. "Processes and Collaboration: The Community-based plays of Kevin Loring." *British Association of Canadian Studies Conference*. London, UK. April, 2017.

Published articles

Higgins, Robert J., Michael G. Gillingham, and B. Staffan Lindgren. "Critical Habitat Elements, with an Emphasis on Coarse Woody Debris, Associated with Ant Presence or Absence in the Moist Cold Sub-Boreal Forests of the Interior of British Columbia." *Forests.* vol. 8, 2017. doi:10.3390/f8040129

Ismail, Wael A., **Jonathan D. Van Hamme**, John J. Kilbane, Ji-Dong Gu. "Editorial: Petroleum Microbial Biotechnology: Challenges and Prospects." *Frontiers in Microbiology,* vol. 8, 2017.

Johnson, George M. "John Rodden, Between Self and Society: Inner Worlds and Outer Limits in the British Psychological Novel." *Literature and History,* vol. 26, issue 1, 2017, 121-124.

Kamphuis, Charis, Sonia Lawrence, Estair Van Wagner, and Cara Zwibel. "Gendering Civil Liberties and Gendering Dissent: An Introduction." *Journal of Law & Equality,* vol. 12, 2016, 3-12.

Kamphuis, Charis, Penelope Simons, and Shin Imai. "Opinion: Independent accountability needed for Canadian mining companies abroad." *The Hill Times.* March 15, 2017.

Latif, E. "The Relationship between Intergenerational Educational Mobility and Public Spending: Evidence from Canada." *Economics Papers*, doi:10.1111/1759-3441.12177

Masud, Muhammad Mehedi, Mohammad Nurul Azam, **Muhammad Mohiuddin**, Hasanul Banna, Rulia Akhtar, Ferdous A.S.A Alam, and Halima Begum. "Adaptation barriers and strategies towards climate change: Challenges in the agricultural sector." *Journal of Cleaner Production,* 2017, 698-706.

Neudorf, Lorne. *The Dynamics of Judicial Independence: A Comparative Study of Courts in Malaysia and Pakistan.* Springer International Publishing. 2017. doi:10.1007/978-3-319-49884-3

Ortner, C. N. M.; *****E. L.Briner**, and **Z. Marjanovic**. "Believing is doing: Emotion regulation beliefs predict emotion regulation behavioral choices and subsequent subjective well-being." *Europe's Journal of Psychology, 13*.1. (2017).

Rolin-Gilman, Cheryl, **Bonnie Fournier**, and Kristin Cleverley. "From the Implementing Best Practice Guidelines in Pain Assessment and Management on a Women's Psychiatric Inpatient Unit: Exploring Patients' Perceptions." *Pain Management Nursing,* 2017.

Savsani, Vimal, and **Mohamed A. Tawhid**. "Non-dominated sorting moth flame optimization (NS-MFO) for multi-objective problems." *Engineering Applications of Artificial Intelligence,* vol. 63, 2017, 20-32.

Vimal Savsani, Vivek Patel, Bhargav Gadhvi, and **Mohamed Tawhid.** "Pareto Optimization of a Half Car Passive Suspension Model Using a Novel Multiobjective Heat Transfer Search Algorithm." *Modelling and Simulation in Engineering*, 2017, doi:10.1155/2017/2034907

Wisla, Heather, **Wendy Krauza**, and **Jim Hu**. "Service-Learning: Boldly going where EAL students have not gone before." *BC TEAL Journal*, vol. *2, issue* 1, 2017, 1-13.

*Indicates student or alumni

Research news is always welcome. Please email research@tru.ca if you have news, events or accomplishments you'd like to share.