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Committed to community

We are pleased to unveil TRU's sixth annual report on research, *Committed to community*. The report highlights ground-breaking work in sciences, the humanities, social sciences, nursing, law, education, and business, and pays special attention to the growing contributions of our researchers and their students in community-driven projects. We are honoured to tell your stories. Please continue to share your research successes with us. For regular updates about research and graduate studies at TRU, please follow us on [Facebook](#), and now

Thank you for joining us!

We wish to thank all those who took time out of their exceptionally busy fall schedules to attend several events that took place over the last month. [Research Day](#), held on Sept. 21, was a huge success, and brought together community partners and researchers to discuss new visions for community-driven research. The [New Researcher Orientation](#), held on Oct. 1, created a forum for networking and we were pleased to see so many researchers attend.



Please welcome Dominique

[Dominique Hazel](#) is taking over from Tawni Ormrod as Graduate Studies and Student Research Coordinator. She will work closely with the Graduate Student Mentors and Undergraduate Research Ambassadors, play a key role in student awards, and work with program coordinators on the organization

of thesis defences. Dominique obtained her Bachelor of Tourism Management in 2016 and completed her Masters of Science in Environmental Science this summer at TRU. She combined her interest for the environment and events by focusing her research on environmental sustainability of music festivals in B.C.

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 2019.

Researchers in the News

Be part of The Conversation

TRU is a 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 about writing for The Conversation, please contact [Danna Bach](#).

This month in The Conversation

- > ***Indigenous theatre would thrive with funds from the Canadian government***, Ginny Ratsoy, Sept. 16, 2018
- > ***Should you trust your boss? Your lover? Here's how to measure it***, Victoria Handford, Sept. 20, 2018
- > ***Ford's fight with Toronto shows legal vulnerability of cities***, Jeffrey B. Meyers, Sept. 20, 2018
- > ***First Ontario, now Quebec: The notwithstanding threat***, Jeffrey B. Meyers, Oct. 10, 2018

Update your bio, and join the Experts List

Now is a great time to update your official [Bio Page](#), and at the same time, join our new, searchable [Experts List](#). The list is a great resource, and can be used to mobilize your knowledge, build partnerships and attract graduate students. Complete this simple [sign-up form](#) to be added to the directory.

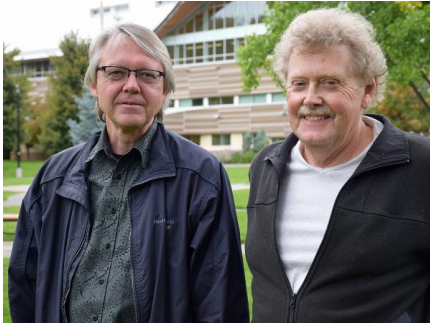
Research highlights

Rethinking research

According to Budd Hall, community-based research

aims to make our lives better, and challenges the traditions of the academy. Hall delivered the keynote for Research Day, held on Oct. 21.

[Read more](#)



Small cities not exempt from big issues

A new book, edited by Terry Kading and Christopher Walmsley, explores the serious social concerns facing small communities following provincial and federal economic restructuring. The book, *Small Cities, Big Issues: Reconceiving Community in a NeoLiberal Era*, features several TRU faculty authors, including Wendy Hulko, Jennifer Murphy, Lorry-Ann Austin, and Monic Sanchez-Flores.

[Read more](#)

Telling the full story of the salmon

Researcher Nan Stevens is working to bring more Indigenous content to elementary schools, and it all started with a Grade 4 storybook.

[Read more](#)



Congratulations



TRU researchers share \$355,000 in federal awards

Matt Reudink, Mateen Shaikh, and Thomas Pypker were been awarded NSERC Discovery Grants. This was part of a \$558 million investment announced by the Government of Canada.

[Read more](#)

Lepin awards let grad students focus on research

Kamloops philanthropist Ken Lepin presented \$51,000 to nine exceptional graduate students during an Oct. 10 ceremony.

[Read more](#)



Students recognized for new PHP journal

Abby Dunlop, Shawna-Rae McLean, Tim Burris and Matt Arkinstall have been recognized for their work on a new undergraduate research journal.

[Read more](#)

Events

Luminocity

When: Now to Oct. 20

Where: Downtown Kamloops & Riverside Park

This week-long video art exhibition showcases projects by artists from across the country in public spaces. *Luminocity* embraces new creative concepts and modes of expression in the media arts field and brings recent video projects previously shown primarily in gallery settings to the outdoors. The exhibition features the work of TRU faculty, including Donald Lawrence, Lea Bucknell, and Doug Buis.

PHP Beer Conference

When: Oct. 15, 7 pm

Where: Red Collar Brewing

The annual Philosophy, History and Politics of Beer Conference returns for a fun evening of lively discussions about beer. Presentations by PHP faculty. This is a fundraiser for the PHP Conference in January.



[Read more](#)

Human caused climate change at British Columbia's ski resorts

When: Oct. 18, 4 pm

Where: S 208

Dr. Michael Pidwirny, of UBCO, presents "Human caused climate change at BC's ski resorts: past patterns, and future forecasts," as part of the Environmental Science Seminar Series.

[Read more](#)

How to get the most out of your supervisor

When: Oct. 18, 1 pm

Where: Panorama Room, IB

This interactive workshop, facilitated by Dr. David Hansen, is recommended for all current and prospective graduate students.

[Read more](#)



Graduate Supervisory Training

When: Oct. 18, 4:30 pm

Where: Panorama Room, IB

The interactive workshop, facilitated by Dr. David Hansen, is recommended for all faculty who supervise graduate students.

[Read more](#)

Arts Pedagogy in Poetic Form: Engineering Co-op Student Exploration of Professional Ethics

When: Oct. 24, 3:30 pm

Where: TRUSU Lecture Hall

Sarah Ladd of Career and Experiential Learning presents as part of the Arts Colloquium Series.

[Read more](#)

Global diversity of AM fungi – a plant ecologist's view

When: Oct. 25, 4 pm

Where: S 208

Discover why plant symbionts—arbuscular mycorrhizal fungi—are important and interesting for plant community ecology. Presented by Dr. Martin Zobel, Professor, Department of Botany at the University of Tartu, Estonia, as part of the Environmental Science Seminar

Series.

[Read more](#)

Plants on the move: roles of landscape structure and evolution in spreading populations

When: Nov. 1, 4 pm

Where: S 208

Please join Dr. Jennifer Williams, assistant professor, Department of Geography at UBC, who presents *Plants on the move: roles of landscape structure and evolution in spreading populations*, as part of the Environmental Science Seminar Series.

[Read more](#)

Symposium: Making the Links 2018

When: Nov. 5 & 6

Where: The Laurel Packinghouse, Kelowna, BC

Join other community and sector leaders to explore practical strategies and deepen knowledge, skills and tools for collective action to building community resilience to climate change.

Memory, Identity and the Catastrophic: Problems and Debates in Research and Teaching in Historical Trauma and Catastrophe

When: Nov. 7, 3:30 pm

Where: TRUSU Lecture Hall

Please join Dr. Annie St. John-Stark, assistant professor, history, who presents as part of the Arts Colloquium Series.

[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

NSERC Research Tools and Instruments grants

Deadline: Oct. 25

Value: \$7,001-\$150,000

Research Tools and Instruments (RTI) grants foster and enhance the discovery, innovation and training capability of university researchers in the natural sciences and engineering by supporting the purchase of research equipment and installations.

Facebook: Statistics for improving insights and decisions requests for proposals

Deadline: Oct. 30

Value: \$50,000

Facebook is requesting proposals that would advance statistical methodologies to improve decision making for their community, products, and infrastructure. Three \$50,000 research grants are offered to support academic work that addresses applied statistical topics such as experimentation, forecasting, predictive modeling, survey modeling, and sampling.

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

Deadline: Oct. 31

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.

The Mohamed bin Zayed Species Conservation Fund

Deadline: Oct. 31

Value: Up to \$25,000

Fund is a significant philanthropic endowment established to: i) Provide targeted grants to individual species conservation initiatives; ii) Recognize leaders in the field of species conservation; and iii) Elevate the importance of species in the broader conservation debate. The Fund's reach is truly global, and its species interest is non-discriminatory. It will potentially support projects focused on any kind of plant, animal and fungus species, subject to the approval of an independent evaluation committee. In addition, the Fund will recognize leaders in the field of species conservation and scientific research to ensure their important work is given the attention it deserves and to elevate the importance of species in global conservation discourse.

NSERC Discovery Grants

Deadline: Nov. 1 (full application)

The application stage is open and you can now create your application in the Research Portal. The Discovery Grants Program supports ongoing programs of research in the natural sciences and engineering with long-term goals. These grants recognize the creativity and innovation that are at the heart of all research advances.

SSHRC Connection Grants

Deadlines: Nov. 1, Feb. 1, May 1, Aug. 1

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

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](#).

CIHR Catalyst Grant: Strategy for Patient-Oriented Research (SPOR) Innovative Clinical Trials

Deadline: Nov. 14

Value: Up to \$100,000

This grant will provide funding for innovative clinical trials that have a primary focus on comparative effectiveness research and/or implementation science research. The findings should be able to inform health-care decisions by providing evidence on the effectiveness, benefits, and harms of different health care options and other type of interventions.

Bill & Melinda Gates Foundation: Grand Challenges - Increasing Demand for Vaccination Services

Deadline: Nov. 14

Value: \$100,000 USD

The purpose of this call is to increase demand for vaccination services and to increase the number of children vaccinated globally, therefore innovative proposals should address:(1) Novel approaches for providing practical knowledge about vaccines and vaccination services to caregivers; 2) Novel ideas for improving the convenience and/or caregiver seeking of vaccination services.

Water Research Foundation: Application of Big Data for Energy Management in Water Utilities

Deadline: Nov. 27

Value: up to \$50,000

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. See other Requests for Proposals on the Water Research Foundation [website](#).

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.

Weston Brain Institute - Rapid Response: Canada 2019 (Alzheimer's & Related Diseases)

Deadline: Dec. 3, 2018 (LOI); Full application, March 28, 2019

Value: up to \$200,000

The Rapid Response program provides seed funding to catalyze novel, high-risk, high-reward translational research to accelerate the development of therapeutics for neurodegenerative diseases of aging. Projects must meet two conditions: 1) Be translational research that helps accelerate the development of therapeutics for neurodegenerative diseases of aging; 2) Be the development of a therapeutic and/or tool. Preliminary data is not required.

SSHRC Partnership Engage Grants

Deadlines: Dec. 15, March 15, June 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](#).

SSHRC Insight Development Grants

Deadline: Feb. 2

Value: \$7,000 to \$75,000

Insight Development Grants (IDG) enable the development of new research questions, as well as experimentation with new methods, theoretical approaches and/or ideas. IDGs foster research in its initial stages, but are not intended to support large-scale initiatives.

TransLink New Mobility Research Grant

Deadline: Continuous

Value: Up to \$50,000

Grants of up to \$50,000 will support well-defined projects undertaken by B.C. post-secondary researchers and their partners. Project proposals can span a range of disciplines such as engineering, planning and policy, urban design, computer science, environmental and resource science, business, psychology, sociology, and economics.

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.

NSERC Connect Grants

Deadline: Continuous

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](#).

Canada Council for the Arts: Explore and Create

Deadline: Continuous

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.

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)

Research Training Recognition Fund

Deadline: Oct. 15 for winter 2019 release

The Research Training Recognition Fund (RTRF) reflects TRU's ongoing commitment to student research training. Those regular faculty receiving or currently 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. Those faculty applying for Tri-Agency grants are encouraged to consult with the Research Office about citing this fund as possible institutional support on their applications.

Internal Research Fund

Deadline: Jan. 15, 2019

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

The Internal Research Fund (IRF) is a small seed fund with the principal aim of scaffolding faculty development, especially in terms of tenure and promotion. Completion of an IRF project should significantly widen the applicant's sphere of influence in terms of his or her research and/or teaching. Use the [Romeo portal](#) to fill out and submit applications.

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.

Funding Opportunities (students)

Knowledge Makers

Deadline: Oct. 22

Value: \$1,000

The Knowledge Makers is an Indigenous research program designed to engage Indigenous students in research. The program includes a \$1,000 award, publication, workshop and e-portfolio. This year's program runs Oct. 27-28, with a celebration scheduled for March 2019. For more information please contact [Sereana Patterson](#), Research Associate.

British Columbia Graduate Scholarships

Deadline: Dec. 1

Value: \$15,000

Six awards are available to the best and brightest graduate students who are leaders in their fields. Students enrolled in research intensive and professional programs are encouraged to apply. Awards will be given to domestic students based on academic achievement. Students must be entering their first or second year of full-time on-campus study.

Canadian Graduate Scholarship — Masters

Deadline: Dec. 1

Value: \$17,500 for 12 months, non-renewable

TRU offers four CGS-M awards, one each from the CIHR and NSERC, and two from SSHRC. There is now one application for all three councils, and the application must be completed through the [Research Portal](#). It is recommended students begin the application process early.

Knowledge Mobilization

Presentations & Exhibitions

Mason, Courtney W. "Parks and Protected Areas: What is being Conserved and for Whom?" Paper presented at the 1st Annual Salmon Symposium. Little Shuswap Lake Indian Band, British Columbia, Canada, Oct. 1, 2018.

Singer, Samuel. "Trans Rights are (not just) Human Rights." Public lecture hosted by the Chair of Transgender Studies as part of the Lansdowne Lecture Series, University of Victoria, Sept. 28, 2018.

Published books & articles

Blackstock, S., B. Salami, and G.G. Cummings. "Organizational antecedents, policy and horizontal violence among nurses: An integrative review." *Journal of Nursing Management*. (2018) 1-20.

Haverila, Matti J., and Jenny Haverila. "Convergence of the Global Cell Phone Market and Universal Cell Phone Behaviours." *Academy of Marketing Studies Journal*. (2018) 22.3.

Khanam, Dilruba, **Muhammad Mohiuddin**, Asadul Hoque, and Olaf Weber. "Financing micro-entrepreneurs for poverty alleviation: a performance analysis of microfinance services offered by BRAC, ASA, and Proshika from Bangladesh." *Journal of Global Entrepreneurship Research*. (2018) 8.1.

Latif, Ehsan. "Mental Health before, during and in the aftermath of the Great Recession in Canada." *Proceedings of International Academic Conferences. International Institute of Social and Economic Sciences*. (2018).

Lu, Ning, Yi Zhou, Chenhao Shi, Nan Cheng, Lin Cai, and Bin Li. "Planning While Flying: A Measurement-Aided Dynamic Planning of Drone Small Cells." *IEEE Internet of Things Journal*. (2018)

Mason, Courtney W., Tara-Leigh F. McHugh, Leisha Strachan, and **Kelsey L. Boule*** (2018). "Urban Indigenous Youth Perspectives on Access to Physical Activity Programs in Canada." *Qualitative Research in Sport, Exercise and Health*. (2018) DOI: 10.1080/2159676X.2018.1514321.

Ratsoy, Ginny. Review of Jocelyn Cullity's *Amah and the Silk-Winged Pigeons* and Jocelyn Parr's *Uncertain Weights and Measures*. *Event: Poetry and Prose*. (2018) 47:2.

Rees, C.A., R. Mba, and W-M Roth. "Shifting to student-centered science inquiry: Investigating classroom talk." In Finlayson, O., McLoughlin, E., Erduran, S., & Childs, P. (Eds.), *Electronic Proceedings of the ESERA 2017 Conference. Research Practice and Collaboration in Science Education, Part 7*. (2018): 1046–1055. Dublin, Ireland: Dublin City University. ISBN 978-1-873769-84-3.

**Indicates student author*



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