

September Research News: Welcome back!

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## Welcome Back!

We hope you have had an enjoyable and productive summer, and look forward to working with you during what will be an exciting fall semester. The goal of this newsletter is to share opportunities, achievements and faculty news, but we can only do that with your participation. Please share your success stories with us, and encourage your colleagues to do the same. Will you be at [Research Day](#) on Friday? This is a great venue to network with colleagues and to share your research news with others.

### Research Day 2016

**When:** Sept. 16, 2016 from 10:30 a.m. to 2 p.m.

**Where:** Mountain Room, Campus Activity Centre

*\*Feel free to join us for all or part of this exciting day*

Faculty are invited to attend [Research Day 2016](#) to learn about new research initiatives that will impact you and your students during the 2016-17 year. The event features keynote speaker Dr. Jenny Shanahan who will discuss the importance of mentoring undergraduate student researchers. Faculty will also learn of a new, community-engaged research initiative, and have the opportunity to meet with several new faculty researchers and hear about their exciting research programs.

## Celebrating success

### [Federal grant accelerates precision ranching research](#)



[Dr. John Church](#), BC Regional Innovation Chair in Cattle Industry Sustainability, has partnered with Southern Alberta Institute of Technology (SAIT) and Golden BC's Kingsclere Ranch on a three-year \$663,940 [Natural Sciences and Engineering Research Council \(NSERC\) College-University Idea to Innovation](#) grant. [Dr. David Hill](#), Associate Professor of Geography, is a co-investigator on the project.

- Read: [Canada funding 'revolutionary' development of drones to turn cattle ranching from art to science](#), National Post, Sept. 9, 2016

### Researchers awarded prestigious federal grants

Four TRU researchers received \$215,000 through the Social Sciences and Humanities Research Council Insight Development Program.

#### 2016 SSHRC IDG holders

- **Courtney Mason**, Assistant Professor, Tourism: *Contested Boundaries: Indigenous Peoples, Tourism and Protected Areas in Canada and New Zealand*.
- **Joel Wood**, Assistant Professor, Economics: *Ontario's Emission Permit Trading Policy*

— *A Comprehensive Evaluation.*

- **Richard Oppong**, Associate Professor, Law: *Regional and National Courts and Africa's Economic Integration: A Study of the East African Community.*
- **Natalie Clark**, Associate Professor, Social Work: *How do mothers and caseworkers develop 'care capital?' Testing an asset-building framework in child welfare practice.* [Read more...](#)

## SSHRC Accelerator Awards announced

Congratulations to the successful recipients of [2016 TRU SSHRC Accelerator Awards](#). The recipients of this \$2,500 award have committed to the development of strong applications for SSHRC funding competitions in the 2017-18 year, and we wish them all the best as they pursue their research goals. The successful candidates to date include:

- Margaret Hall
- Lorne Neudorf
- Daphne Jeyapal
- Carol Rees
- Janna Promislow
- Juliana West
- Kathleen Scherf
- Robert Hanlon
- David Scheffel
- Shanthi Sente
- Edward Howe

There are still funds available as part of this competition. For more information, please contact Research Grant Development Officers [Dr. Megan Prins](#) or [Dr. Anita Sharma](#).

## Seeing obscurity and magic in Knutsford

Susan Buis, instructor in the Faculty of Arts, was named to the 2016 CBC Creative Nonfiction Prize Longlist, with her latest work, *What Lies in Sight of the Teller*. Many of Buis' stories include Raven, a border collie companion she adopted from the Animal Health Technology program.

[Read more...](#)

## Law students, faculty publish second volume of journal

A team of law students, under the direction of TRU Law faculty editors-in-chief Robert Diab, Chris Hunt and Lorne Neudorf, have published the second volume of the Canadian Journal of Comparative and Contemporary Law (CJCCL). The journal is peer-reviewed and open access. The focus of this volume is "Equity in the 21st Century: Problems and Perspectives." [Read more...](#)

## Research in the News

### TRU receives national attention for undergraduate research



"Undergraduate students ... who conduct or participate in research projects find this work transforms their undergraduate years. ... 'The benefits are so alluring that many universities are pushing themselves to incorporate more research into the undergraduate experience. 'It's becoming the new gold standard,' says Will Garrett-Petts, associate vice-president of research and graduate studies at TRU."

- *Excerpt from [University Affairs, Sept. 7, 2016.](#)*

## TRU fire ant expert discusses first case of associated anaphylaxis



“(Robert) Higgins first confirmed the ant’s existence in B.C. in 2010, but he believes it could have lived in the province without drawing attention for 20 years. ... Higgins said it’s the density of nests that is likely causing the fire ants to be more aggressive. The stings usually cause welts, but not reactions as extreme as (anaphylaxis). There have been two other confirmed cases that resulted in significant swelling.”

- Excerpt from [The Vancouver Sun, Sept. 2, 2016](#)

## Camera Obscura sets off on national touring exhibition



On Aug. 21, a new permanent public artwork was unveiled and a national touring exhibition announced during Donald Lawrence’s Prairie Sun Project, hosted by the University of Lethbridge at its Coutts Centre for Western Canadian Heritage in Nanton, AB. Lawrence’s latest creation — an 80-year old grain bin-turned camera obscura — was the centre of attention. The event was a kickoff to The Midnight Sun Camera Obscura Project, curated by University of Lethbridge Art Gallery Director Josephine Mills, on exhibit at the University’s Main Gallery from until Oct. 20, 2016. A

national tour will follow, as will a book. [Read more...](#)

- Read: [Prairie Sun Project hosted by Nanton](#), Lethbridge Herald, Aug. 23, 2016
- Watch: [Southern Alberta grain bin turned into historical art piece](#), Global News, Aug. 24, 2016

## Faculty highlighted on CBC Summer Research Series

This summer, several researchers were given an opportunity to discuss their projects on CBC Kamloops, if you missed any of the interviews, here they are:

- [Dr. Karl Larsen investigates human impact on rattlesnakes](#)
- [Margaret Hall discusses the legal issues of dementia](#)
- [Dr. Joyce O'Mahony studies postpartum services for immigrant mothers](#)
- [Dr. Courtney Mason develops partnerships for Aboriginal Youth](#)
- [Dr. Robert Hanlon writes about global security](#)

## Project reinvigorates aging and health research at TRU

Canada has an aging population, but the setting for most research that addresses the health care needs of this group takes place in large urban centres. That’s what makes the latest project being undertaken by a team of TRU researchers and students so unique. The project, “Researching Older Adults Repositioning (ROAR): An Exploratory Study of Older Adults’ Views on Health Care Restructuring in BC’s Central Interior,” is funded by a \$15,000 Interior Health Evidence-Informed Practice grant, and is led by Dr. Wendy Hulko and Dr. Noeman Mirza, along with co-investigator and IH Practice Lead Lori Seeley. [Read more...](#)

## Research News & Updates

## Welcoming new faces at Graduate Orientation

For the first time, TRU offered graduate students an opportunity to participate in Orientation, tailoring an event specifically to their needs. Grad Orientation — organized with the TRU Orientation Team and Research and Graduate Studies — was designed to support grad students and ensure they felt prepared to move into this next, exciting chapter. A mix-and-mingle was hosted in the Graduate Commons, providing a great opportunity for students to find out about resources and services available to them, meet with peers and faculty and have an opportunity to ask questions.

## Science review survey

This summer, the Office of Research and Graduate Studies distributed a survey, the results of which will be used to inform [Canada's Fundamental Science Review](#). The review called for researchers and institutions to help participate in an independent review of federal funding agencies — NSERC, SSHRC and CIHR. The survey closed Sept. 9, 2016, and our contribution will be submitted before Sept. 30, 2016. The panel review will be complete by the end of 2016.

## Suite of student research awards 2016-17

September is, without a doubt, the most hectic and expensive time of year for students. We understand, and that's why there's no better time to familiarize yourself with the array of student research awards available for the 2016-17 school year. Please inform your students about all these different opportunities. [Read more...](#)

## Research Training Recognition Fund (RTRF): Winter course release

**Application Deadline: Oct. 5, 2016, 4 p.m.**

RTRF is available to faculty currently holding multi-year tri-agency research grants. The fund provides a reallocation of workload to allow a researcher's direct involvement in the enhanced training of undergraduate students. Faculty should work closely with their chairs and departmental workload committees to ensure the release time can be accommodated. [Apply now.](#)

## Update from CIHR Peer Review Working Group

The CIHR Peer Review Working Group has held three, two-hour teleconferences since its July update, and Dr. Paul Kubes, chair of the group, has issued a final update, establishing a key set of recommendations for improving the peer review process for the upcoming Project Grant competition. View the most recent update [here](#).

## Research Events

### SSHRC webinars scheduled

SSHRC will be holding a series of webinars for applicants and research administrators on upcoming competitions.

[Partnership Development Grants](#): Oct. 4 from 9 to 10 a.m.

[Partnership Development Grants, Letter of Intent](#): Oct. 19, from 9 to 10 a.m.

[Connection Grants](#): Nov. 7, 9 to 10 a.m.

## Mobilizing Knowledge

## Where is your research taking you?

TRU researchers spent the summer presenting their work at conferences around the world. Here are just a few examples of TRU research that is having an impact on a national and international level:

- **Shanthi Senthe** was chair and discussant for the panel, *Law's promise to social change: gender and identity boundaries*, at the Law and Society Conference in New Orleans, LA. June 2-5, 2016. Senthi also presented the paper, *Law and Development from Below: Reconciling Practice with Prescriptions*.
- **Margaret Hall** presented *Guardianship for the Old: Ethical Implications of the Mental Capacity Construct*, during the International Legal Ethics Conference VII, Fordham Law School, New York City, NY, July 14-16 2016.
- **Dr. Kyra Garson** presented *Benchmarking Internationalization in Europe and Canada* at the BC Council for International Education Conference, Victoria, BC., June 19-22. Garson co-presented *Can Glocalization Offer a Way Forward? Exploring Pedagogies to Link Indigenization and Internationalization* during the Centre for Research in International Education Conference, Vancouver, BC, July 26-29, 2016.
- **Charis Kamphuis** presented *Home State Regulation* at International Conference on Human Rights in the Extractive Industries: Conflicts and Regulatory Responses at Goethe University Frankfurt, Frankfurt, GER, July 20-22. Kamphuis also presented *Indigenous Dispossession in the Global Economy: Law's Promises & Pitfalls* during the Contextualizing Social Justice in International and Transnational Law Research Workshop at the University of Windsor, Windsor, ON, Aug. 8, 2016.
- **Dr. Kathleen Scherf** presented *Cultural Mapping and Deep Downtown* during the Where is Here Symposium held at Vancouver Island University and Comox Valley Art Gallery, July 22, 2016.
- **Sheila Blackstock** was a keynote presenter of *Horizontal Workplace Bullying* during the Cardiovascular Nursing & Nurse Practitioner Meeting, in Las Vegas, NV, Aug. 9, 2016.

## Published articles, chapters and books

- Aleem, Saiqa, Luiz Fernando Capretz, and **Faheem Ahmed**. "A Digital Game Maturity Model (DGMM)." *Entertainment Computing*. 17:55-73. 2016.
- Ali, A.F. and **M.A. Tawhid**. "Direct Gravitational Search Algorithm for Global Optimisation Problems." *East Asian Journal on Applied Mathematics*. 6.3., 290–313. 2016. doi: 10.4208/eajam.030915.210416a.
- **Blackstock, Sheila Y.** "Shifting the academic lens: Development of an interdisciplinary Indigenous health nursing course." *Journal of Nursing Education and Practice*. 7.1: 2016.
- **Cox, Raymond A.K.**, Ajit Dayanandan, and Han Donker. "The Ricochet Effect of Bad News." *The International Journal of Accounting*. 51.3. 385.401. 2016.
- Castañeda-Arriaga, Romina, Adrian Domínguez-Castro, JinGyu Lee, Juan Raul Alvarez-Idaboy, and **Nelaine Mora-Diez**. "Chemical Repair of Protein Carbon-Centered Radicals: Long-Distance Dynamic Factors." *Canadian Journal of Chemistry*. 2016.
- **Cox, Raymond A.K.**, **Randall K. Kimmel**, and Grace W.Y. Wang. "Equity Capital as a Safety Cushion in the US Banking Sector." *International Journal of Economics and Finance*. 8.9. 2016
- Isacco, Laurie, Ophélie Ritter, Nicolas Tordi, Davy Laroche, Bruno Degano, Malika Bouhaddi, **Mark Rakobowchuk**, and Laurent Mourot. "Similar substrate oxidation rates in concentric and eccentric cycling matched with aerobic power output." *Applied Physiology, Nutrition, and Metabolism*. 2016.

- Out, Baylee, Sarah Boyle and **Naowarat Cheeptham**. "Identification of fungi from soil in the Nakimu caves of Glacier National Park." [The Journal of Experimental Microbiology & Immunology](#). 2:26-32. 2016.
- **Reid, Robin** and **Kyra Garson**. "Rethinking Multicultural Group Work as Intercultural Learning." [Journal of Studies in International Education](#). 2016.
- **Robertson, Jeanette** and **Grant Larson**, editors. [Disability and Social Change: A Progressive Canadian Approach](#). Fernwood Publishing Co., 2016.
- Tan, C., **XiaoPing Shi**, XiaoYing Sun, YueHua Wu. "On nonparametric change point estimator based on empirical characteristic functions." *Science China Mathematics*. 1-22. 2016. doi:10.1007/s11425-016-0138-x

## Funding Updates & Opportunities

### [Research Prospecting Guide](#): Featured opportunities

- [Michael Smith Foundation for Health Research Convening & Collaborating Awards](#): These awards build capacity for the development and use of research evidence in practice, policy and further research by promoting knowledge exchange between health researchers and research users. The value of the award is up to \$15,000 for a maximum of 12 months. **Deadline is Oct. 21, 2016.**
- [Canada Council for the Arts](#): A new funding model has been announced, with six new programs for 2017. Each new program hosts a suite of funding opportunities. Until November 2016, most original deadlines remain unchanged.
- [Ericsson Canada Inc.](#): Projects that strengthen Canada's Information and Communications Technology (ICT) ecosystem and enhance its vision of a Networked Society are being solicited. A successful application could see a grant valued at up to \$50,000. Those who wish to submit a proposal must first receive approval from the Office of Research and Graduate Studies. **Deadline for the notice of intent is Oct. 15, 2016.**

**Please submit all grants for review at least two weeks prior to the agency deadline. For more information contact Research Grants Development Officers Drs. [Megan Prins](#) or [Anita Sharma](#).**

### [Undergraduate Research Apprenticeship Fund](#)

**Competition opens: Sept. 19, 2016**

**Funding: \$3,000 per student**

This program is open to faculty members engaged in research, scholarship and creative inquiry to hire an Undergraduate Research Apprentice to assist them in accelerating their research and to provide a meaningful training opportunity. Applications must be initiated by a faculty member, and there are 30 awards available.

### [New opportunity for post-doctoral fellows in law](#)

**Deadline: Sept. 21, 2016**

**Funding: \$80,500 per year**

A new scholarship competition has been launched by the Centre for International Governance Innovation's (CIGI) International Law Research Program (ILRP) in partnership with SSHRC, giving law students the opportunity to advance their research and collaborate with top international law experts. The value of the scholarship is up to \$80,500 per year, plus up to \$18,000 in research allowance, with a duration between 12 and 24 months. Candidates must apply through the [SSHRC Postdoctoral Fellowships competition](#).

## Get ready for #BCTech Summit 2017

The 2016 #BCTech Summit offered up opportunities for TRU to [showcase its innovative research projects](#). The next [#BCTech Summit](#) takes place March 14-5, 2017 at the Vancouver Convention Centre. Researchers may apply for space in the Research Runway, or for space in the Tech Showcase, which is reserved for large, interactive projects. The deadline to apply for space is **Sept. 28, 2016**. For more information about participating in this event, please contact [Dr. Lincoln Smith](#), Director, Research Partnerships and Enterprise Creation.

## [Update to SSHRC Sports Participation Research Initiative](#)

**Deadline: Oct. 15, 2016**

**Funding: Maximum of \$100,000 annually**

The Sports Participation Research Initiative target areas posted on the SSHRC website were updated on Aug. 12. This initiative supports the goals of the Canadian Sport Policy by funding selected doctoral students, postdoctoral researchers and postsecondary institution-affiliated researchers to conduct research on matters related to enhancing participation in sport in Canada.

## [SSHRC Partnership Development Grant competition opens](#)

**Deadline: Nov. 30, 2016**

**Funding: \$75,000 to \$200,000**

The PDG program provides 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, and design and test new partnership approaches for research activities that may result in best practices or models that either can be adapted by others.

## [Canadian Science Policy Fellowship](#)

**Funding: \$60,000 to \$80,000 plus a \$5,000 Mitacs award**

The fellowship is launching a call for the 2017-18 cohort. Along with funding, Fellows receive customized professional development training, and policy-relevant workshops. This competition is open to all faculty members and postdoctoral fellows. The call for host department projects is open between Nov. 1 to Dec. 30, and the call for fellow applicants, Jan. 17, 2017 to March 24, 2017. Results will be announced in the spring, with fellowships beginning in September 2017.

## [Fisheries and Oceans Canada \(DFO\) National Contaminants Advisory Group \(NCAG\) 2016 Call for Proposals](#)

**Deadline: Sept. 30, 2016**

**Funding: \$75,000/year over two to three years; \$100,000/year over one year (maximum)**

The NCAG provides scientific information and advice to DFO and other government departments on priority issues related to the biological effects of contaminants on aquatic organisms. One of the group's functions is to fund research on priority contaminants issues. DFO is seeking research proposals that will enhance the Department's scientific knowledge and support evidence-based decision-making on the biological effects of contaminants in four theme areas: aquaculture therapeutants; pesticides; oil and gas; contaminants and issues of emerging concern.

## Deadlines

Bookmark the TRU Research [Funding Calendar](#) for up-to-date opportunities.

**SSHRC:**

[Insight Grant](#): Internal deadline **Oct. 1**; agency deadline **Oct. 15**

[Connection Grants](#): Internal deadline **Oct. 15**; agency deadline **Nov. 1**

[Partnership Development Grant](#): Internal deadline **Nov. 15**; agency deadline **Nov. 30**

[Insight Development Grant](#): Internal deadline **Jan. 15, 2017**; agency deadline **Feb. 1, 2017**

[Partnership Grant](#) Letter of Intent: Internal deadline **Feb. 1, 2017**; agency deadline **Feb. 15, 2017**

## **NSERC:**

[Research Tools and Instruments](#): Agency deadline **Oct. 25**

[Discovery Grant](#): Internal deadline **Oct. 15**; agency deadline **Nov. 1**

## **Other:**

[DFO-NCAG Call for Proposals](#): Agency deadline **Sept. 30**

[Google Faculty Awards](#): Agency deadline **Sept. 30**

## **Get in touch**

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