

June Research News: Where is your research taking you?

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Celebrating Research Success

Gold medal research leads to future collaboration



Master of Science in Environmental Science graduate Aaron Coelho received the Governor General's Academic Gold Medal during TRU's spring convocation on June 8. Coelho's research into the decline of the number of ponds in Southern Interior grasslands led to a new partnership between TRU researchers and Urban Systems Ltd. Thanks to funding from the Investment Agriculture Foundation of British Columbia, Urban Systems and TRU have partnered to develop a risk assessment tool for livestock water sources in BC's Southern Interior Grasslands. This research will show range users which ponds are at risk due to future climate change, allowing for proactive measures to be taken. [Read more...](#)

New book gets New York minute



Existential Monday: Philosophical Essays, edited, introduced and translated by philosophy professor Dr. Bruce Baugh, launched at the Manhattan-based bookstore Albertine on June 16. *Existential Monday* is the first collection of Benjamin Fondane's philosophical essays to be published in English. Baugh, who authored *French Hegel: From Surrealism to Postmodernism* in 2003, began translating Fondane's essays from French to English in 2006. Fondane was a Romanian Jew who emigrated to France in 1923 with a reading knowledge of the language and a passion for French literature. Fondane was killed at Auschwitz in 1944, and is considered a Holocaust poet. [Read more...](#)

Research celebrated at international conference

Congratulations to Dr. Murat Erogul and his co-authors, whose paper, "Senior Entrepreneurship: The Moderating Role of Age in the Entrepreneurial Attitude-Intent Linkage," was awarded Best Paper in International Business by the International Council for Small Business during the annual International Council of Small Business World Conference in New Jersey, NY, held June 15-18.

Award allows summer abroad to study Alzheimer's disease



Fourth-year chemical biology student Jagdeesh Uppal is spending the summer studying at the Indian Institute of Technology (IIT) in Roorkee, India thanks to a Mitacs Globalink Research Award. While at IIT, Uppal, who is part of Dr. Kingsley Donkor's research team, will join a research project led by Dr. Kalyan Sadhu, called "Development of fluorescent sensor for imaging of Amyloid-Beta plaques." The project focuses on the early detection of Alzheimer's disease. "On top of gaining more international experience, I'm looking forward to gaining more research skills that are related to medical science," said Uppal, who intends to enter medical

school following graduation. [Read more...](#)

Research News & Updates

Manager of Graduate Studies announced

Research and Graduate Studies proudly welcomes Sukh Matonovich, who is joining the team as new Manager of Graduate Studies, beginning July 1. Sukh will be responsible for providing effective and efficient programs by interacting closely with stakeholders, managing budgets and championing positive organizational change. Sukh holds an MA in Organizational Leadership from Royal Roads and a Project Management Masters Certification from Simon Fraser University, which is complemented by 15 years of professional experience. Her recent roles at TRU include responsibilities as Manager of Student Engagement and Retention and as Interim Associate Director of Student and Community Engagement. Sukh brings a passion for scaffolding student success that will serve us well as we develop existing programs, introduce new degrees and further build our culture of research and graduate education.

TRU to offer federal graduate entrance scholarships

Beginning in September 2017, TRU will offer federal entrance scholarships to exceptional graduate students. Each university with a mandate for offering graduate programming is once again eligible to be allocated Canadian Graduate Scholarship — Masters (CGS-M) from the three federal granting agencies — CIHR, NSERC and SSHRC. With the new allocation formula, TRU will offer four entrance awards — one from CIHR and NSERC and two from SSHRC. These awards will be given to outstanding graduate students and are valued at \$17,500 annually for two years. In the first year alone this amounts to a \$70,000 federal investment direct to TRU students. [Read more...](#)

Two new graduate programs approved

TRU has received approval from the Ministry of Advanced Education to launch two new graduate programs, with more soon to follow. The province officially approved the Master of Science in Environmental Economics and Management (MScEEM) — which is a thesis-or project-based program — and the Master of Environmental Economics and Management (MEEM), which is course-based. Program delivery begins in September 2017. [Read more...](#)

In the News

New Gold pledges \$200K toward ecosystem reclamation



New Gold has pledged \$200,000 toward the creation of a Natural Sciences and Engineering Research Council (NSERC) Industrial Research Chair in Ecosystem Reclamation. This is the third large grant TRU has received toward the development of a research chair. "These investments allow TRU to be at the forefront in the development of tools to help solve environmental disturbances caused by mining, forestry and ranching," said Dr. Lauchlan Fraser, professor and candidate for the NSERC Industrial Chair. [Read more...](#)

Reclamation research nets graduate scholarship



Current reclamation research taking place at the historic Ajax-Afton tailings site has earned graduate student Paul Antonelli a \$5,000 scholarship. Under the supervision of Dr. Lauchlan Fraser, and supported by a grant from the Natural Sciences and Engineering Research Council, he is researching methods for reestablishing vegetation and returning some of the old tailings to a new ecosystem. The results of his research could have impacts across the mining industry. Paul was interviewed by

CBC Radio on June 14. [Read more...](#)

Research aims to improve support for people with dementia



Associate professor Margaret Hall is conducting research to explore the possibilities of a unique Canadian Guardianship Tribunal Model, noting that since dementia-related needs are primarily around caregiving versus medicine, it is a social issue that can be addressed through law reform. The reform would respond to the needs of individuals living with dementia, especially those suffering alone. According to Hall, by developing a tribunal model, people could report individuals — a neighbour for

example — that may have needs related to dementia. A tribunal could also help prevent neglect or financial exploitation. This research is supported by an [Internal Research Fund](#) grant. She recently presented on dementia and medically-assisted dying at the 8th annual [Journal of Ethical and Medical Health](#) conference, hosted at TRU in June. [Read more...](#)

Law faculty member presents at international conference



Assistant professor Dr. Lorne Neudorf joins lawyers, judges and legal scholars from around the world at the 2016 conference of the International Society of Public Law in Berlin, Germany on June 16-17. Neudorf was selected to present his paper, "Taking Comparative Law Seriously: Rethinking the Supreme Court of Canada's Modern Approach to Statutory Interpretation," which examines when, how and why the Supreme Court of Canada uses foreign law in deciding its cases. Neudorf was a guest on the Jim Harrison Show on Radio NL on June 14. [Read more...](#)

Research Events

SSHRC Connections Grant overview session

What: Connection Grants support events and outreach geared toward short-term, targeted knowledge mobilization initiatives including, but not limited to, workshops including but not limited to, workshops, colloquiums, conferences, forums, summer institutes, or other outreach activities.

When: June 22, 2016, from 10 a.m. to 11 a.m.

Where: Old Main 3632

Hosted by: The Office of Research & Graduate Studies

RSVP: [Megan Prins](#), 250-371-5962 (*refreshments provided*)

Connection-building for tourism education and practice

What: Learn more about driving social change in tourism during a presentation from tourism industry strategist, visionary and change agent Anna Pollack, who is the founder and CEO of

Conscious Travel.

When: June 28, 9:15 a.m.

Where: Culinary Arts Cafeteria

Hosted by: Tourism Education Futures Initiative (TEFI) conference

RSVP (required): Kellee Caton

[See Complete event listing](#)

Mobilizing Knowledge

Where is your research taking you?

While life on campus might seem quiet these days, TRU researchers are taking the opportunity to present 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:

- **Alejandro Campos-Garcia** was among 14 scholars from North America, Latin America and Europe invited to participate in the Mark Claster Mamolean Dissertation Workshop on Afro-Latin American Studies: Class of 2016, held at Harvard University, Cambridge, MA, from May 6-7. Participants presented their current research on Afro-Latin American related topics.
- **Dr. Raymond Cox presented**, “The information content of financial analysts’ forecasts of earnings,” at the Administrative Sciences Association of Canada in Edmonton, AB., from June 4-6.
 - * *Co-authors H. Donker and A. Dayanandan*
 - Dr. Cox also presented “Drivers of US Bank Failures during the Financial Crisis,” at the International Academy of Business Disciplines in Las Vegas, NV, March 31-April 2.
 - * *Co-authors G. Wang and R. Kimmel*
- **Dr. Angus Duff** presented his paper, “We’re knocking sexy back: Identity and emotional consequences of the ‘sexy waitress,’” at the European Academy of Management conference in Paris, France on June 1.
- **Dr. Murat Eroglu** presented, “Senior Entrepreneurship: The Moderating Role of Age in the Entrepreneurial Attitude-Intent Linkage,” at the International Council of Small Business World Conference, in New Jersey, NY, June 15-18.
 - * *Co-authors M. Duhamel, N.S. Greidanus, and S.J. Étienne.*
- **Dr. Brian Heise** presented, “Ecology and control of invasive Northern Pike in the Columbia River, Canada,” during the International Conference on Aquatic Invasive Species, in Winnipeg, MB, from April 10-14.
 - * *Co-authors D. Doutaz, M. Herborg, M. Neufeld, D. Derosa and J. Baxter*
- **Mary Hemmings** presented “Socio-Legal and Historical Scholarship: Digital Opportunities and Challenges,” at the Canadian Law and Society Association Annual Meeting held during the Congress of the Humanities and Social Sciences at the University of Calgary on May 30.
- **Dr. Wendy Hulko** chaired the panel, “Law, Dementia and Aging: Hard Choices,” at the Canadian Law and Society Conference at the University of Calgary on May 29.
 - Dr. Hulko also co-facilitated the workshop, “Partnering with Elders to Improve Health Care: Developing an End of Life Teaching Story,” with Danielle Wilson of Interior Health, Elder Patrick Moller and Elder Jean William on April 25 at the Rural Health Services Research conference at TRU.
- **Dr. Noeman Mirza** presented “Abductive Reasoning: An Innovative Teaching and Learning Strategy to Enhance Complex Thinking,” during the Canadian Association of

Schools of Nursing held in Toronto, ON, May 30-31.

Please share your summer research plans by emailing [Research Communications Officer Danna Bach](#).

Published articles, chapters and books

- **Block, Tina.** [The Secular Northwest: Religion and Irreligion in Everyday Postwar Life](#). Vancouver: UBC Press. 2016. Print.
- **Calder Stegemann, Kim & William L. Roberts.** "[Teaching Across the Grades: Dispositions of Ideally Competent Teachers](#)." *The New Educator*. Routledge: 2016, 1-17.
- **Caton, Kellee.** "[A Humanist Paradigm for Tourism Studies?](#)" *Tourism Research Paradigms: Critical and Emergent Knowledge*. (Tourism Social Sciences Series Vol. 22). Ed Ana Maria Munar and Tazim Jamal. Emerald Group Publishing Ltd., 2016. 35-56. Web.
- **DeSandoli, Lisa, Roy Turkington and Lauchlan Fraser.** "[Restoration of slash pile burn scars to prevent establishment and propagation of non-native plants](#)." *Canadian Journal of Forest Research*. [Online]. 2016.
- **Hanlon, Robert J., & Kenneth Christie.** [Freedom from Fear, Freedom from Want: An Introduction to Human Security](#). Toronto: University of Toronto Press. 2016. Print.
- **Hulko, Wendy.** "LGBT Individuals and Dementia: An Intersectional Approach." *Lesbian, Gay, Bisexual and Trans* Individuals Living with Dementia: Concepts, practices and rights*. Ed. Sue Westwood and Elizabeth Price. Routledge Advances in Sociology. 2016. 35-50.
- **Hutchings, Wallace Karl.** "[When is a Point a Projectile? Morphology, Impact Fractures, Scientific Rigor, and the Limits of Inference](#)." *Multidisciplinary Approaches to the Study of Stone Age Weaponry*. Ed. Radu Iovita and Katsuhiko Sano. Dordrecht: Springer, 2016. 3-12. Web.
- **Madland, Colin, & Griff Richards.** "[Enhancing Student-Student Online Interaction: Exploring the Study Buddy Peer Review Activity](#)." *The International Review of Research in Open and Distributed Learning* [Online], 17.3 (2016): n. pag. Web. 17 Jun. 2016.
- **Nicholson, Mervyn.** "[Under the Sign of 39: The Case of the Curious Coincidence from Hitchcock to Antonioni and Beyond](#)." *Bright Lights Film Journal*. June 1, 2016. [Online].
- **Tawhid, Mohamed A.** "[A hybrid social spider optimization and genetic algorithm for minimizing molecular potential energy function](#)." *Soft Computing*. June 2016. Web. 1-16.
- **Veresoglou, Stavros D., Matthias C. Rilling, Lauchlan H. Fraser & John M. Halley.** "[The influence of sampled biomass on species-area relationships of grassland plants](#)." *New Phytologist* [Online] May 2016.

Funding Updates & Opportunities

[Research Prospecting Guide](#): Featured opportunities

- [Discovery Grants](#): These grants support ongoing programs of research. The NOI — which must be submitted by Aug. 1 — is mandatory, and the information provided in the document allows NSERC to begin some aspects of the review process. The NOI and the NSERC version of the [Canadian Common CV](#) must be submitted using the [Research Portal](#). Online resources for this competition include [information about creating an NOI](#), as well as information about the [review process](#).
- [Research Tools and Instruments Grants Program](#): The RTI Grants Program provides the primary avenue for university researchers in the natural sciences and engineering to obtain up to \$150,000 in support for research tools and instruments with a net cost of \$7,001 and \$250,000. TRU has a quota for two RTI applications. A peer-review process is used to pre-

select the two applications for the national competition. Application deadline for pre-selection is Aug. 15. The full application deadline is Oct. 25.

- [SSHRC Knowledge Synthesis Grant](#): Aboriginal research is a key element identified through SSHRC's Imagining Canada's Future initiative — in particular, "How are the knowledge systems, experiences and aspirations of First Nations, Inuit and Metis peoples essential to building a successful and shared future for all Canadians?" The KSG grant, valued at \$25,000, will foster a deeper understanding of the current and historical, cultural, social and economic experiences of First Nations, Inuit and Metis peoples in Canada. The KSG grant is not intended to support original research, but is intended to support the synthesis of existing research knowledge and the identification of knowledge gaps. Applications are due Sept. 13.

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](#).

[NSERC: PromoScience](#)

Deadline: Sept. 15, 2016

Funding: \$15,000 to \$25,000 annually

This program offers financial support for organizations working with young Canadians to promote an understanding of science and engineering (including mathematics and technology).

PromoScience supports hands-on learning experiences for young students and their science teachers. Grants may be used to cover improvements to program content or delivery, as well as for new programs and activities. Grants can also be used to cover operational costs such as salaries, travel, postage, materials and supplies, provided that they relate to the promotion of science and engineering.

[Grand Challenges Canada call 1: Stars in Reproductive, Maternal, Newborn and Child Health RFP](#)

Deadline: July 19, 2016

Funding: Up to \$100,000

Grand Challenges Canada seeks bold ideas with big impact from the best and brightest talent both in low-and middle-income countries and in Canada, to use scientific/technical, social and business innovation to address reproductive, maternal, newborn and child health, to save and improve lives.

[Grand Challenges Canada call 2: Saving Brains RFP](#)

Deadline: July 29, 2016

Funding: Up to \$250,000

Saving Brains seeks bold ideas for products, services and implementation models that protect and nurture early brain development in a sustainable manner.

[Mitacs Elevate](#)

Deadline: Aug. 24, 2016

Funding: \$55,000 annually (plus \$7,500 per year in non-cash value training)

Applications are now being accepted for two-year postdoctoral funding. This award provides exclusive, customized professional development training, and establishes a long-term collaborative research project with a non-academic partner.

[ESRC-AHRC call for proposals on forced displacement](#)

Deadline: July 20, 2016

Funding: Up to £300,000

The ESRC in collaboration with Arts and Humanities Research Council (AHRC) are launching a call for innovative, interdisciplinary projects focusing on the experiences of the forced displaced (both internationally and internally) whether due to poverty, war, conflict, persecution or human rights violations. Drawing upon funding allocated from the Global Challenges Research Fund, this call explicitly recognises the global and protracted nature of people displacement in the modern age.

[CIHR Operating Grant: Challenge of Dementia in Indigenous Populations](#)

Deadline: Sept. 6, 2016

Funding: Maximum of \$100,000 annually for five years

This is a joint call from the CIHR, CIHR Institute of Neurosciences, Mental Health and Addiction, and the CIHR Institute of Aboriginal Peoples' Health as part of the CIHR Dementia Research Strategy. The aim of this funding opportunity is to build capacity among Indigenous and non-Indigenous scholars or students in the area of dementia research.

[CIHR Knowledge Synthesis Grant: Strategy for Patient-Oriented Research, Primary and Integrated Health Care Innovations Network](#)

Deadline: July 26, 2016

Funding: Maximum of \$25,000 for one year, with matching funds from non-federal sources of 1:1 (cash or in kind)

The objective of this funding opportunity is to support cross-jurisdictional teams of researchers and knowledge users to produce knowledge syntheses or scoping reviews relevant to the priorities of the Primary and Integrated Health Care Innovations (PIHCI) Network that will contribute to the use of synthesized evidence in decision-making and practice across multiple jurisdictions.

[Catalyst Grant: Analysis of CLSA Data \(Canadian Longitudinal Study in Aging\)](#)

Registration deadline: Aug. 18, 2016; application deadline Aug. 30, 2016

Funding: \$70,000 for one year

The objective of this funding opportunity is to catalyze and support research efforts of Canadian researchers to use the available CLSA data (alpha numeric data only) in order to better understand how the biological, medical, psychological, social, lifestyle and economic aspects of people's lives have an impact in both maintaining health and in the development of disease and disability as people age.

New Chapter: Canada Council for the Arts

Deadlines to apply: July 4 & Oct. 31, 2016

The [Canada Council for the Arts](#) is marking the 150th anniversary of confederation by creating a special program to support the creation and sharing of exceptional artistic and literary works. It will result in inspiring works that interpret the world we live in and envision our shared future. These works will encourage public engagement in the arts and will promote outreach locally, nationally and internationally. You must apply for at least \$50,000 in eligible expenses. The maximum grant amount is \$150,000 for individuals and artist groups/collectives, and \$500,000 for organizations.

[Sloan Research Fellows](#)

Deadline to apply: Sept. 15, 2016

Funded by the Alfred P. Sloan Foundation, this opportunity provides \$55,000 for two years for "any activity supportive of the fellow's research, including equipment, technical assistance, professional travel or trainee support." Early career scientists in chemistry, computer science, economics, math, neuroscience, ocean sciences, physics, computational and evolutionary molecular biology and associated fields will be considered. Candidates must hold tenure track, with a PhD awarded on or after September 2010. Candidates must be nominated by their department head, or another senior researcher. To nominate and apply, please email research@tru.ca.

Deadlines

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

Health Related Opportunities:

[CIHR HIV/AIDS Community-based Research Program](#): Agency deadline **June 28**

[CIHR Knowledge Synthesis Grant](#): Internal deadline **July 12**; agency deadline **July 26**

[CIHR Catalyst Grant: Analysis of CLSA Data](#): Registration deadline **Aug. 18**; full application deadline **Aug. 30**

[CIHR Operating Grant: Challenge of Dementia in Indigenous Populations](#): Internal deadline **Aug. 23**; agency deadline **Sept. 6**

[Public Health Agency of Canada — Healthy Living and Injury Surveillance for Chronic Disease Prevention Initiative](#): **Deadline ongoing**

[Public Health Agency of Canada — Multi-Sectoral Partnerships to Promote Healthy Living and Prevent Chronic Disease](#): **Deadline ongoing**

SSHRC:

[Connection Grants-Connecting for Canada's 150th](#): Internal deadline **July 15**; agency deadline **Aug. 1**

[Knowledge Synthesis Grants](#): Internal deadline **Aug. 30**; agency deadline **Sept. 13**

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

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

[Partnership Development Grant](#): Internal deadline: **Nov. 15**; agency deadline **Dec. 1**

NSERC:

[Idea to Innovation Grants](#): Internal deadline **June 30**; agency deadline **July 15**

[Discovery Grant \(NOI\)](#): Agency deadline **Aug. 1**

[PromoScience](#): Internal deadline **Sept. 1**; agency deadline **Sept. 15**

[Research Tools and Instruments](#): Internal deadline **Oct. 13**; agency deadline **Oct. 25**

Other:

[Canada Council for the Arts](#): Internal deadline **June 22**; agency deadline **July 4**

[Sloan Research Fellowship](#): Internal deadline **Sept. 1**; agency deadline **Sept. 15**

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

Get in touch

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