



## *Research Week — wrap up*

*Thank you to everyone who participated in TRU's second annual Research Week, **March 27-April 1**. The week was designed to showcase TRU faculty and student research, and promote ongoing research through a variety of workshops and presentations.*

## *Presentation about 'No. 2' takes No. 1 spot*

Master of Science student Sarah Whitehouse took top spot in the 3MT for her presentation on biosolids. Whitehouse will now move on to represent TRU at the Western Canadian 3MT, hosted by the University of Saskatchewan on April 28, at 1 p.m. [Watch the livestream!](#)



[Read more](#)



## *Labyrinth research takes top spot in 180-second challenge*

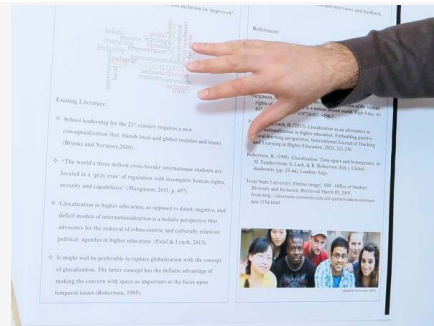
Nina Johnson took first place in TRU's inaugural 180-second Research Challenge for her presentation, "The Wellness 180."

[Read more](#)

## *By the numbers: Undergrad Research & Innovation Conference*

More than 200 students showcased their work over two days through posters and oral presentations.

[Read more](#)



## Research News



### *Find us on Facebook*

Since it seems like social media is here to stay, Research and Graduate Studies has launched a [Facebook page](#). Follow our page and stay informed! We can also be found on [Twitter](#).

### *Naylor report recognizes value of smaller, regional universities*

Canada's Fundamental Science Review Panel recommends reinvestment in discovery research, and support for early career researchers.

[Read more](#)



### *Research tackles predatory publishing*

Associate Professor Dr. Derek Pyne wrote an op-ed about predatory publishing at Canadian business schools for the Ottawa Citizen.

[Read more](#)

## *Congratulations*

### *Seven researchers share in Discovery Grant success*

Congratulations to the seven TRU researchers who received more than \$900,000 over five years through the [Natural Sciences and Engineering Research Council \(NSERC\) Discovery Grants](#) program. The Discovery Grants Program funds innovations in chemistry, physics, life sciences, mathematics, computer science, geoscience and the many branches of engineering. While details of the awards are still embargoed, we look forward to sharing these research stories in the months ahead.



## *Biologist awarded prestigious professorship*

Dr. Matt Reudink has been awarded the Northcote and Brink Professorship, which will allow him to push the limits of his research program.

[Read more](#)

## *26 students spend summer as funded researchers*

TRU's flagship UREAP scholarships provide students with \$4,500 to conduct their own independent research through the summer.

[Read more](#)



## *Lawrence, Ross Friedman honoured for mentorship*

Donald Lawrence and Dr. Cindy Ross Friedman are the recipients of the 2017 Undergraduate Research Mentor Award.

[Read more](#)



## *Foundation of Legal Research grant awarded*

Congratulations to Margaret Hall who received a \$5,000 grant from the Foundation of Legal Research for her project, "Adult Protection: A Qualitative Research Study Examining Implementations/Awareness of BC's Adult Guardianship Act."



## *Events*

### *Visual arts year end exhibition*



Ambiverts is the title of this year's exhibition of works by students graduating from the Bachelor of the Fine Arts program.

[Read more](#)

## *Livestream: Western Canadian 3MT*

Watch online as TRU's Sarah Whitehouse competes in the Western Canadian Three Minute Thesis, and vote for People's Choice!

[Read more](#)

## *Invasive Species Research Conference*

Invasive species researchers and practitioners across the Pacific Northwest and beyond are invited to participate and share their findings at the Invasive Species Research Conference, "Turning Science into Action." Conference highlights include field trips, oral presentations, poster presentations, and keynote addresses by Dr. Daniel Simberloff and Dr. Anthony Ricciardi. TRU and the Invasive Species Council of BC have teamed up to present the conference.



[Read more](#)

## *Funding Updates & Opportunities (faculty)*

For information about upcoming external funding opportunities, visit the [Funding Calendar](#)

## *CFI: Cyberinfrastructure Initiative webinar and call for proposals*

**Webinar: April 26, 1 pm**

**Call for proposals: May 12 (external)**

The CFI challenges institutions and researchers to come together to form consortia and propose research data infrastructure projects that create tailored, shared and integrated data resources capable of enabling leading-edge research on significant scientific, social and economic questions. Projects submitted should bring together a community of researchers from across the country who share similar challenges linked to the availability

of research data.

## *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

## *Vancouver Foundation: Community Poverty Reduction Fund*

**Deadline: April 28 (external)**

**Award value: up to \$10,000**

This new fund is designed to address the root causes of poverty by supporting community-inspired social innovations. Applications can be made through any field in the [Field of Interest Grants](#) programs. Currently, applications are being accepted in the [Health and Social Development](#) field.

## *Canada Foundation for Innovation — John R. Evans Leaders Fund (JELF)*

**Deadlines: May 15 (LOI for October competition)**

Researchers are invited to submit applications for the June and October JELF competitions. The JELF program helps universities acquire infrastructure funding. Applicants must be engaged in:

- cutting edge research program requiring proposed infrastructure, and
- providing an enriched training environment

## *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.

## *MSFHR Reach Awards*

**Deadline: May 5, 2017 (internal); May 19, 2017 (external)**

**Award value: \$10,000**

The Reach Awards provide funding to support the dissemination and uptake of research evidence to inform and improve further research, practice and policy-making. Each award will help teams of health researchers and research users collaboratively plan and implement dissemination activities, adapting messages and mode of delivery in order to reach audiences who can directly use this knowledge.

## *CIHR Operating Grant: New Investigator Grants in Maternal, Reproductive, Child & Youth Health*

**Deadline: May 9, 2017 (internal); May 23, 2017 (external)**

Applicants must be within 5 years of their first academic or independent research appointment and have at least 50% protected time for research. The program will fund research across the four CIHR pillars that has the potential to have a significant impact on maternal, reproductive, child and youth health outcomes according to relevant research areas identified by the participating CIHR institutes.

## *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.

## *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*

**Mirza, N.** "Using animations to promote nursing students' reasoning abilities." *Western & North-Western Region Canadian Association of Schools of Nursing Conference*. Victoria, BC. February, 2017.

**Mirza, N., Noyes, H., & McKenzie, W.** "A pilot study on the impact of interprofessional collaboration on nursing and respiratory therapy students' diagnostic and intervention accuracy in a simulated care situation with increased complexity." *Western & North-Western Region Canadian Association of Schools of Nursing Conference*. Victoria, BC. February, 2017.

**\*Wilson, Alexis M., Karl, Jenni M.** "The developmental onset of visually-guided prehension: It's at the tip of your finger." *Canadian Spring Conference on Brain and Behaviour*. Fernie, BC. February, 2017.

### *Published articles*

**Ahmed, Faheem,** Muhammad Zia, Hasan Mahmood, and Shayma Al Kobaisi. "Open Source Computer Game Application: An Empirical Analysis of Quality Concerns." *Entertainment Computing*.

Akhtar-Danesh, N., and **N. Mirza.** "Relation between manual rotation and abductive reasoning in Q-methodology." *Open Journal of Social Sciences*. 5.3.,198-204. 2017.

Belkhodja, O., M. **Mohiuddin,** M., and E. Karuranga. "The determinants of FDI location choice in China: a discrete-choice analysis." *Applied Economics*, 49.13., 1241-1254. 2017.

Dickson T.J., and **F.A. Terwiel.** "Snowsport Instructors: Their Actual Maximum Speeds, Their Estimation of Maximum Speed and Speed in Slow Zones, and Their Knowledge of Helmet Effectiveness." *Snow Sports Trauma and Safety*, edited by I. Scher, R. Greenwald, and N. Petrone. Springer. Cham.

**Gill, Avninder.** "Green sustainable operations: a case from service industry." *International Journal of Services and Operations Management*. 26.4. 2017.

**Hossain, Belayet, and Laura Lamb.** "Associational Capital and Adult Charitable Giving: A Canadian Examination." *Nonprofit and Voluntary Sector Quarterly*. 2017.

Khan, Anichul Hoque, and **Hasnat Dewan.** "Impact of seasonal temperature rise on labour and capital productivity in manufacturing sector: a study with Canadian panel data." *International Journal of Environment and Sustainable Development*. 16.2. 2017.

**Rees, C.A.** and Roth, W-M. "Interchangeable Positions in Interaction Sequences in Science Classrooms." *Dialogic Pedagogy: An International Online Journal*. 5, A18-A36, 2017.

Sadeghi, S.M.M., J.T. Van Stan, **T.G. Pypker**, J. Friesen. "Canopy hydrometeorological dynamics across a chronosequence of a globally invasive species, *Ailanthus altissima* (Mil., tree of heaven)." *Agricultural and Forest Meteorology*. 240, 10-17, 2017.

Stevens, Vincent, Sofie Thijs, \***Breanne McAmmond**, Tori Langill, **Jonathan Van Hamme**, Nele Weyens, and Jaco Vangronsveld. "Draft Genome Sequence of *Bacillus licheniformis*VSD4, a Diesel Fuel–Degrading and Plant Growth–Promoting Phyllospheric Bacterium." *Genome Announcements*. 5.11. 2017.

Thijs Sofie, Michiel Op De Beeck, Bram Beckers, Sascha Truyens, Vincent Stevens, **Jonathan D. Van Hamme**, Nele Weyens, and Jaco Vangronsveld. "Comparative Evaluation of Four Bacteria-Specific Primer Pairs for 16S rRNA Gene Surveys." *Frontiers in Microbiology*. 8. 2017.

\*Indicates student or alumni

*Research news is always welcome. Please email [research@tru.ca](mailto:research@tru.ca) if you have news, events or accomplishments you'd like to share.*

