

TRENT UNIVERSITY'S 2015 REPORT TO THE COMMUNITY

Showcasing Trent University's contributions and impact
in the Peterborough Region.



TABLE OF CONTENTS:

Trent Gives Back.....p. 3

Trent by the Numbers.....p. 4

Trent Entrepreneurs.....p. 5

50 Years of Trent.....pp. 6-7

Trent and the Community.....pp. 8-9

Cutting-Edge Research.....pp. 10-11



**A message from
Leo Groarke, Ph.D.,
President and
Vice-Chancellor**

My favourite word in describing Trent is "interactive." A key component of this interaction is our relationship with our host community in Peterborough. We are proud of our contributions to local economic development, recreation and the environment, and to the culture and heritage of Peterborough and the surrounding area. In our 2015 Report, we showcase the diverse ways we seek to play a key role in the region, and share the impact we have on different aspects of our community.

Leo Groarke.



TRENT GIVES BACK

A Strong Supporter of the United Way for 50 Years

More than 47,000 people in our community are assisted annually by the United Way, Trent's official charity since 1965.

- **\$70,000** raised in 2014/15
- **\$358,962** raised in the last 5 years
- **\$1,764,537** has been raised since 1965



This year's campaign featured the most successful kick-off gourmet BBQ to date, raising more than \$1,200 in just three hours. In addition to the annual pledge drive, other activities included "white elephant" donation tables and a student-led pancake breakfast. *"We thought this would be a great opportunity to give back to our adoptive community,"* said Krishna Patel and Isaac Prazmowski, community representatives, Otonabee College cabinet.



Trent Gives, the student-run charity program, selected the Youth Emergency Shelter (YES) as the recipient of this year's campaign. One fundraising event included selling the opportunity to throw a pie in the President's face.

Other charities supported through faculty, staff and student initiatives include:

- ALS Ice Bucket Challenge
- Canadian Blood Services
- Free the Children
- Heart & Stroke Big Bike
- Kawartha Land Trust
- Movember
- Peterborough's Dragon Boat Festival
- ReFrame Film Festival
- Relay for Life
- Shifting Gears
- UNICEF



Did You Know?

For the second year in a row, Peterborough's United Way Campaign was chaired by a Trent alumnus. Tom Bennett '85 served in this role in 2013, and Brian O'Toole '74 led the campaign in 2014.

photo credit Lance Anderson

TRENT BY THE NUMBERS

\$387
MILLION

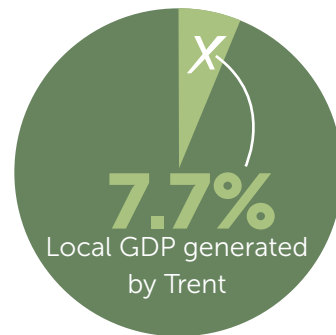
Total estimated
economic impact
of the University

\$170
MILLION

Total estimated
economic impact
of Trent's students

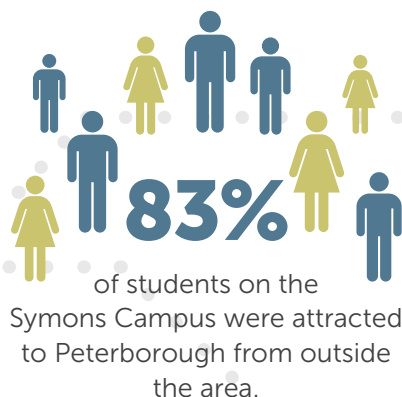
\$620
MILLION

Total estimated
economic impact
of Trent's alumni in
the community



On Trent's Symons Campus there are:

- **6,815** Undergraduate students
- **452** Graduate students
- **308** Indigenous students
- **239** English as a second-language students
- **584** International students



4260

Direct and indirect
jobs supported in our
community, outside
the University



Did You Know?

Trent University has **over 30km of hiking trails** on its 1,450 acre Symons campus and 51% of the community have visited the Trent Nature Areas.

\$100
MILLION
Operating budget

TRENT ENTREPRENEURS



Sana Virji and Ribat Chowdhury

Founders of Ribbet

Sana and Ribat entered the Entrepreneurship Week \$5 challenge. They had five days to turn just \$5 into as much money as they could. By the end of the week, the pair had generated a record-smashing \$6,300 and created the coupon book, Ribbet. "Peterborough has become our second home and we wanted to create something to help promote the wonderful businesses that make up the downtown." After the initial run of the booklet, they partnered with the DBIA to provide Ribbet to high school students and their families touring Trent. Building on their success, Sana and Ribat are in the process of growing their new company to further promote Peterborough and its businesses through a digital mobile platform.

Sana Virji and Ribat Chowdhury are fourth year Business Administration students.

Did You Know?

Trent University in partnership with Fleming College and the Greater Peterborough Innovation Cluster launched FastStart Peterborough, a two-year provincially funded program supporting student entrepreneurship in the region.

Learn more at trentu.ca/faststart

**FAST
START**
FOSTERING ENTREPRENEURIAL
INNOVATION



Andressa Lacerda

COO of Noble Purification Inc.

Trent alumna, Andressa Lacerda '08, had no idea that her expertise on the confocal microscope would lead to an entrepreneurial venture right here in Peterborough. Originally working with Adam Noble on his science fair project, the two quickly realized there was a real-world application for their research. With the support of the Greater Peterborough Innovation Cluster, they founded Noble Purification Inc. in 2013, one of the first start-up companies based out of Trent University. This summer, Noble Purification will launch their first large-scale prototype that can process 100,000 litres of water per day. When asked about Noble Purification's future, Andressa says "we see our relationship with Trent and Peterborough as a long-lasting one. Our plan is to continue to grow our company in Peterborough, and give back as much as we can by creating jobs and supporting research initiatives."

Andressa Lacerda, originally from Brazil, holds a B.Sc. from Trent University, and will receive her Ph.D. in June 2015.



Mike Watt

Owner of Plush, Flavour and SOS

Mike Watt '93 came to Peterborough from Sarnia to study English at Trent, and never left the community. Just two years after graduating, he opened his first of three successful businesses downtown. "The decision to stay in Peterborough was an easy one. Along with the sense of connection I felt to the region, there is a strong entrepreneurial spirit here. I've always been into fashion. Peterborough gave me the opportunity to follow my dream and open my own clothing stores." In 2014, Mike ventured into fashion design with the launch of PTBO Northern Originals.

Mike Watt holds a B.A. from Trent University.



50 YEARS OF TRENT

The Past to the Future

Over the past year, we welcomed alumni and the community back to Trent to help us celebrate our milestone 50th anniversary.

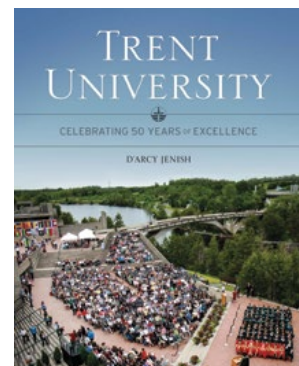
Highlights included:

- Kick-Off Weekend, Ideas that Change the World Symposium and Blue Rodeo concert
- Re-creation of the original opening ceremonies and community parade
- Chancellor's Gala
- Performance of Trent @ 50: In Story and Song
- 50 Talks for 50 Schools
- Ron Thom and the Allied Arts national travelling exhibit at Alumni House
- 50th anniversary commemorative book signings by author D'Arcy Jennish
- Doors Open Peterborough
- Contesting Canada's Future international conference on Canadian Studies



Did You Know?

In 1957, Reginald Faryon penned a letter to the *Peterborough Examiner* urging city council to establish a junior college. That vision led to the creation of Trent University a few short years later.



Looking ahead to the next 50 years

Trent Lands Plan

Plans are underway to maximize the potential of Trent's endowment lands for the economic, recreational and cultural benefit of the University and our community. Imagine the possibilities:

- Research and innovation park
- Sustainable village
- Increased athletic facilities

Stay up-to-date on the possibilities at trentu.ca/trentlandsplan

New Student Centre

Plans are well underway for the development of a new Student Centre on the Symons Campus that will house an Entrepreneurship Centre. The Entrepreneurship Centre will support Trent students in shaping their ideas and research, allowing them to start their own business right here in Peterborough.

Follow the project at trentu.ca/studentcentre



One of three proposed renderings of the new Student Centre.



Did You Know?

Trent has recently added five new degree programs: a Master's degree in Educational Studies, and Bachelor's degrees in Social Work, Water Sciences, Kinesiology, and Communication & Critical Thinking.

TRENT AND THE COMMUNITY

Some of Trent's undergraduate programs include community placements and internships, giving students practical and professional skills, as well as providing valuable services to small businesses and organizations.

- **757** nursing placements at PRHC, long term care facilities and community agencies
- **70** business student internships with local businesses and organizations
- **124** students conducted faculty-supervised research with 22 community organizations through the Trent Community Research Centre (TCRC)

Student Voice:



"My community research project was easily the best of my undergrad. I had the opportunity to talk to so many different people all over Canada and make a local impact with the work I did. My work allowed me to network with professionals in a way regular course work doesn't allow."

Jason Mann conducted research for Peterborough Fire Services' Home Smoke Alarm program. He graduated with a B.A. degree in Forensic Science in April 2014.

Faculty Voice:



"We have partnered with the Peterborough Council on Aging to develop an age-friendly Peterborough plan. Through the Trent Centre for Aging & Society, Trent students have completed eight background reports for the plan, and the end product will inform Peterborough's response to the challenges and opportunities of an aging population. I see this as an essential part of the University's contribution to the community's positive response to aging in the region."

Dr. Mark Skinner, chair of the Trent Centre for Aging & Society, explains the importance of local partnerships in achieving shared goals.

Host Voice:

"We were very impressed with the quality of work that we received and the positive attitude of everyone associated with this project. We look forward to doing more work with Trent students in the future."

Patrick '66 and Patricia Walshe, Gull River Property Owners' Association, first-time TCRC student placement hosts.

Faculty and staff volunteer their time with a wide array of community groups and organizations including:

- Community Foundation of Greater Peterborough
- GreenUP
- Mount Community Centre Development Committee
- Peterborough Concert Band
- Peterborough Minor Hockey Association
- Peterborough Musicfest
- Peterborough Regional Science Fair
- Peterborough Singers
- Regional economic development boards
- Scouts Canada
- Sustainable Peterborough



Trent University strives to support the thriving cultural life of Peterborough. The University hosts lectures, performances and sporting events each year, both on campus and in the community. Additionally, Trent University's facilities play host to a variety of community events, including conferences, camps, weddings and athletic clinics.

Stay up to date with what's going on by visiting trentu.ca/events



The **Trent Idea Exchange** was created to help identify the many public lectures, discussions, readings and academically focused events hosted by Trent that are open to the community.

Trent events hosted in 2014:



Film Screenings



Sporting Events



Indigenous Events



People welcomed to Trent and Peterborough through conferences and events



Panel Discussions/ Dialogue Sessions



Art Events



The CANADIAN CANOE MUSEUM
Le MUSÉE CANADIEN du CANOT

Did You Know?

Trent University has hosted events in partnership with a variety of local venues and organizations, including: Peterborough Art Gallery, Canadian Canoe Museum, Showplace, The Venue, Market Hall, Artspace and the Peterborough Petes.

CUTTING-EDGE RESEARCH

At Trent, research is integrated into the academic experience. Alongside our award-winning faculty, graduate and undergraduate students take part in hands-on research across all disciplines, helping us understand our past and prepare for our future.

575

actively funded research programs.

In 2014-2015

90 new funded research projects started,
with a total award value of \$4.9 million.



The Canada Research Chairs program stands at the centre of a national strategy to make Canada one of the world's top countries in research and development. Trent is home to eight Canada Research Chairs:

- Environmental Modelling
- Feminist and Gender Studies
- Aquatic Sciences and Biogeochemistry
- Integrative Wildlife Conservation
- Canadian Studies
- Sustainable Agriculture
- Physics of Biomaterials
- DNA Profiling, Forensics and Functional Genomics



Did You Know?

Trent is home to 13 world class research centres, groups and institutes.

In addition, Trent University is home to an Ontario Research Chair in Green Chemistry and Engineering.

Learn more about cutting-edge research at trentu.ca/research

Research Profiles



Dr. Céline Guéguen **Chemistry and Aquatic Sciences, Water Quality Centre**

"The Canadian industrial mining sector spends over \$71 million in the treatment of wastewater annually. As mines are often located in remote areas without access to municipal wastewater treatment facilities, it becomes the responsibility of the mining company to treat wastewater. My research looks into finding cheaper and faster methods for heavy metal recovery. Through my work with Peterborough's Noble Purification, microorganism *Euglena gracilis* appears to be effective and promising way to treat wastewater."



Dr. Dennis Murray **Biology**

"Amphibian populations are declining at a rapid rate world-wide, and there is broad concern that we may be witnessing the early phase of mass extinction of this group of animals. One component of my research involves visiting ponds and wetlands around Peterborough and documenting the presence and abundance of amphibians using DNA samples in the water. We are developing new technologies to monitor amphibian populations by sampling water bodies to determine the presence of environmental DNA (eDNA) from amphibians themselves, as well as their pathogens. This will lead to improved survey methodologies that can be used by researchers as well as citizen scientists across Canada."



Dr. Catherine Eimers **Geography**

"Road salt is applied in large quantities to roadways in winter in order to maintain safe driving conditions, but what happens to that salt when winter is over? Our research shows that salt can be carried up to hundreds of meters away from roads by vehicular spray, and salt concentrations in road-influenced soils are high enough to cause physical and chemical damage to soil and impact plant health. We are investigating the factors that influence salt retention and its effects in soils in the Peterborough and surrounding areas, and how soil processes can mediate salt transfer to groundwater."



Dr. Don McCaskill **Indigenous Studies**

"Over half of the Indigenous people in Canada live in urban centres, but there has been little research into the history of their migration and integration into Canadian cities. My research focuses on describing the history of Indigenous people in Ottawa, Sudbury and Peterborough through archival analysis and interviews with urban residents. I am also working to analyze the history and contemporary situation of the discipline of Indigenous Studies in universities in Canada. Indigenous Studies has been in existence for 46 years (the first program started at Trent in 1969) but little research has been conducted describing the subject."



Dr. Peri Ballantyne **Sociology, Trent Centre for Aging and Society**

"Recently updated diagnostic guidelines for Alzheimer's disease (AD) identify 'mild cognitive impairment due to Alzheimer's disease' as an early stage of the disease. However, because it is based on unclear and unevenly applied diagnostic criteria, and its relationship to AD is uncertain, mild cognitive impairment (MCI) remains a contested diagnostic label. Drawing from among interested members of the Peterborough community, my CIHR-funded research documents the lay response to medical discourse around risk surveillance, assessment, diagnosis and treatment of MCI, rationales for embracing or resisting medicalized interpretations of aging-related cognition and memory changes, and the anticipated consequences of a diagnosis of MCI."

Did You Know?

50 Talks for 50 Schools brings Trent faculty into local elementary and high school classrooms to share their knowledge on a variety of disciplines from history to biology, and covering a wide range of topics from computer modelling to entrepreneurship.



CONNECT WITH YOUR UNIVERSITY

Trent has many services available to the community.
Visit **[trentu.ca/communityrelations](https://www.trentu.ca/communityrelations)** to learn more.

- Continuing Education
- Library and Archive Services
- Athletic Centre Memberships and Facility Rentals
- Community Events and Lectures
- Trails and Nature Areas



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