

# TRENT UNIVERSITY GRADUATE ACADEMIC CALENDAR 2014–2015



**2014–2015**  
**Graduate Academic Calendar**  
The 51st Academic Year



*Nunc cognosco ex parte*

**Trent University**

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## Message From The Dean

Dear Graduate Students,

It is my pleasure to welcome you to Trent University, a small, dynamic university committed to excellent teaching and cutting-edge research. We place an important emphasis on providing graduate students with individual attention and mentoring, helping you to realize your scholarly and professional goals. Recognized internationally as a leader in high calibre research, Trent offers graduate students the opportunity to work closely with award-winning faculty to become critical, engaged scholars, striving for excellence in your chosen area of study. Graduate students bring with them true passion and commitment to their research, and we want to do everything possible to help them grow intellectually, providing the knowledge, skills, and opportunities relevant to their field.



Trent's School of Graduate Studies is a growing concern, with fourteen disciplinary and interdisciplinary programs offered at the masters and doctoral level. Trent's long standing commitment to interdisciplinarity is reflected in our innovative, collaborative, interdisciplinary programs, and in the commitment we make to encouraging intellectual and social dialogue between faculty and graduate students across all programs and disciplines. Some programs place a strong emphasis on interactions with the community and hands-on research, linking Trent students to other educational, professional, government and industry partners. Trent also has a number of unique research centres transversing the humanities, social sciences, and sciences that provide exceptional opportunities for graduate students to connect with researchers across the country and internationally.

Graduate students are an essential part of the university's overall mission to produce and disseminate knowledge; they are also the researchers and intellectual leaders of the future, whether they opt for careers in academic, professional or applied areas of work. We welcome your questions and inquiries. Please explore our website, get in touch with the School of Graduate Studies, or contact the graduate program you are interested in.

A handwritten signature in blue ink that reads "Elaine Scharfe". The signature is fluid and cursive.

Dr. Elaine Scharfe  
Interim Vice-Provost and Dean of Graduate Studies

## About Trent

One of Canada's top universities, Trent University was founded on the ideal of collaborative learning that's personal, purposeful, and transformative. Consistently recognized nationally for leadership in teaching, research, and student satisfaction, Trent attracts excellent students from across the country and around the world. Here, undergraduate and graduate students connect and collaborate with faculty, staff, and their peers through diverse communities that span residential colleges, classrooms, disciplines, hands-on research, and co-curricular and community-based activities.

Trent's main campus is located in Peterborough, Ontario, 90 minutes northeast of Toronto and about three hours from Ottawa. The Symons Campus sits on a 580-hectare property, much of it preserved as nature areas, along both banks of the Otonabee River at the northern edge of the city. Catharine Parr Traill College in downtown Peterborough focuses on the University's growing graduate studies programs. Trent also has a long history of offering full degree programs in the Durham region and, in 2010, opened a new facility of its own, the Trent University Oshawa Thornton Road Campus.

Trent was born out of years of planning by public-spirited citizens of Peterborough. An Academic Planning Committee and a Campus Planning Committee were formed after T. H. B. Symons was appointed president-designate in 1961, and the University was formally created by the Ontario Legislature in April 1963. Trent opened its doors to its first students in September 1964. In 1967, Leslie M. Frost, former premier of Ontario, was elected first chancellor of the University. The University was admitted to full membership in the Association of Colleges and Universities of Canada in 1968.

The core of what is now the Symons Campus was donated by GE Canada, and has provided Trent with an uncommonly beautiful setting in which to develop its facilities. Guided by master planning architect Ronald J. Thom, a long-range plan was devised. Today the Symons Campus is home to four residential colleges; the main library; three science buildings, including the award-winning Chemical Sciences building with the Water Quality Centre; the First Peoples House of Learning; the DNA Building; a new Life and Health Sciences facility; a child care facility; and central administrative offices, along with newly expanded recreational facilities that include an athletics complex, an artificial turf playing field, and rowing facilities.

### Trent's Residential Colleges

Trent's residential colleges are central to the organizational structure of the University and to the intellectual and social experience of Trent students. All Trent students, regardless of whether they live in residence, are affiliated with one of Trent's colleges. Over the years, each of the colleges has developed its own unique character, creating a variety of distinct communities. For students who choose to live in residence, the colleges provide all the resources and facilities necessary for comfortable on-campus living. For those who live off-residence, the colleges are focal points of social and cultural activity.

## Trent University Oshawa

**Joe Muldoon**, Head, Trent Oshawa

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In 2010, Trent University Oshawa moved to its bright, new campus at 55 Thornton Road S. where it continues its more than 35-year commitment to offering post-secondary education in the liberal arts and sciences in the Durham region and the GTA. Fall/Winter and Summer session courses taught by Oshawa-based faculty, and complemented by faculty from Peterborough, enable students to pursue degrees in:

- Anthropology
- Business Administration
- English Literature
- History
- Psychology
- Social Work
- Sociology

Trent Oshawa students who wish to pursue majors in other disciplines can supplement their Oshawa courses with courses taught at the Peterborough campus.

Trent Oshawa also offers a range of electives from other disciplines that enrich and enhance the majors. Day and evening courses are available and are listed on the Trent Oshawa website. Academic advisors, knowledgeable across the disciplines, assist and support current students in the planning of their academic programs, and are also available to meet with prospective students to discuss university education. An engaged faculty and staff, the on-site library, student peer mentors, and a rich program of visiting speakers, writers, and other academic events all contribute to the small, friendly, and stimulating environment of the Thornton Road campus. For more information, please call the main office number listed above.

## Vision for Trent University

We create vibrant, engaged and sustainable communities of learning, teaching and research committed to free enquiry and expression.

We encourage the dynamic interplay of research, teaching and learning, which enhance and energize each other in the classroom and beyond.

We strive to make valued and socially responsible contributions to our local communities, to Canada, and to the world.

We support a diversity of faculty, staff and students who share a commitment to the learning experience and are responsive to its challenges.

We foster an environment where Indigenous knowledges are respected and recognized as a valid means by which to understand the world.

We offer an enriched learning environment that encourages a passion for all knowledge, the exploration of the creative links between fields of study and a critical engagement with the world.

We create opportunities for students, staff and faculty to flourish and develop as individuals and as global citizens.

We affirm our commitment to excellence, to innovation and to leadership in research, academic programmes and community partnerships.

We commit to building an inclusive intellectual and social community that values the collaboration of all of its individual members.

## Mission for Trent University

Over the next four years, Trent University's mission is to:

- Prepare students to make significant contributions to an increasingly complex world by providing them with a distinctive liberal arts, science or professionally focused education, which is enhanced by global perspectives, experiential learning and interdisciplinary approaches to personal and professional development;
- Encourage and celebrate excellence and innovation in teaching, learning, research and student development;
- Remain at the forefront of Indigenous education and scholarship;
- Develop strong partnerships and collaborations with external communities, professions, and other institutions, as well as within our colleges, departments, and programs;
- Foster sustainability, in its environmental, social and economic dimensions, on our campuses and in all aspects of our work;
- Promote a culture which engages all members of the Trent community, favours dialogue and collegiality, and nurtures a sense of belonging.

### Strategic Directions

- Graduate Studies
- Internal and External Community Partnerships
- Research
- Student Engagement and Accessibility
- Teaching and Learning

## About Graduate Studies at Trent

Faculty members who supervise graduate students are often members of an undergraduate department and a separate graduate program. This type of organization encourages interdisciplinarity in our graduate programs and facilitates interactions between faculty and graduate students from different disciplines.

The following graduate programs are currently offered at Trent University:

[Anthropology MA](#)  
[Applied Modelling & Quantitative Methods MA and MSc](#)  
[Canadian Studies & Indigenous Studies MA](#)  
[Canadian Studies PhD](#)  
[Cultural Studies PhD](#)  
[English M.A \(Public Texts\)](#)  
 Education MEd (under development)  
[Environmental and Life Sciences MSc and PhD](#)  
[History MA](#)  
[Indigenous Studies PhD](#)  
[Materials Science MSc and PhD](#)  
[Psychology MA and MSc](#)  
[Sustainability Studies MA](#)  
[Theory, Culture & Politics MA](#)  
[Trent/Queen's](#) – Various Master's and PhD programs

In addition to degree programs at Trent, an agreement with Queen's University in Kingston allows for selective enrolment at the Master's and Doctoral levels in programs at Queen's with actual study and research supervision under Trent faculty on Trent's campus.

## School of Graduate Studies

Mailing Address: Trent University, 1600 West Bank Drive,  
Peterborough, Ontario K9J 7B8

Office Location: Suite 201, Science Complex,  
1600 West Bank Drive

705-748-1011 ext. 7245 [graduate@trentu.ca](mailto:graduate@trentu.ca)

Fax: 705-748-1154 [www.trentu.ca/graduatestudies](http://www.trentu.ca/graduatestudies)

### Interim Vice-Provost and Dean of Graduate Studies

**E. Scharfe**, BA (Western), MA, PhD (Simon Fraser)

### Manager, Office of the Dean of Graduate Studies

**J. Richardson** 705-748-1011 ext. 7346

### Administrative Assistant and Recruitment Officer

**J. Langevin** 705-748-1011 ext 7245 (*until March 2015*)

**J. Conroy** 705-748-1011 ext. 7245 (*March 2015 onwards*)

### Graduate Finance Officer

**J. Rennie** 705-748-1011 ext. 7075

### Registration and Data Management Officer

**E. Davidson** 705-748-1011 ext. 6271 (*on leave until March 2015*)

**J. Conroy** 705-748-1011 ext. 6271 (*until March 2015*)

The School of Graduate Studies is responsible for the administration of graduate degree programs offered at Trent University, the appointment of graduate faculty, the admissions and registration of graduate students, as well as the management of scholarship and awards for graduate students. The Graduate Studies Committee consists of members of Trent faculty, Graduate Program Directors and graduate students from various disciplines. The Graduate Studies Committee is a standing committee of Senate and reviews and makes recommendations to Senate on all matters of education policy and planning for graduate studies.



## Rights and Responsibilities

- The University recognizes its responsibility to provide students with proper information. This calendar, including the calendar supplement, and course syllabuses constitute the only contracts between students and the University. It is incumbent upon students to be aware of and adhere to program regulations, requirements and published deadlines. The University makes every effort to ensure that the information in the calendar is accurate at the time of publication. However, regulations and requirements do change from time to time and the University will only be bound by the most current regulations as approved by Senate.
- Every member of Trent University – faculty, staff or student – has a right to freedom from discrimination in the University by another faculty, staff or student member because of race, ancestry, place of origin, colour, ethnic origin, citizenship, creed, sex, sexual orientation, age, marital status, family status or disability. (For details, please consult Trent's Policy on Discrimination and Harassment).
- Trent University recognizes its responsibility to those of its students, faculty and staff with disabilities. It undertakes to make reasonable accommodations to ensure access to its academic programs and physical facilities, short of undue hardship, while protecting the academic integrity of the University.
- Trent University is a smoke-free institution.
- Trent University manages personal information of individuals in accordance with University policies on the protection of personal privacy and applicable legislation.

## Using the Calendar

The Trent University Graduate Calendar exists in an online version only ([trentu.ca/calendar](http://trentu.ca/calendar)). To view this document in an accessible format, please visit [www.trentu.ca/calendar](http://www.trentu.ca/calendar).

The University reserves the right to make changes after the publication of this Calendar in a number of areas including, but not limited to: new faculty appointments or departures; courses, including withdrawal of courses listed as being offered; policies and procedures related to applications, admissions and registration for new and returning students; regulations; degree requirements; fee structure; academic schedule.

It is the responsibility of all students to familiarize themselves with the specific requirements for the degree which they seek. While advice and counselling are readily available, it is the students' responsibility to ensure that the courses in which they register fulfill their program requirements.

### Effective Date of Graduate Calendar

The Graduate Calendar is effective on September 1 of the year in which it is published. All policies, course information and degree regulations apply as of the Fall session unless otherwise indicated.

### Disclaimer and Limitation of Liability

No liability shall be incurred by Trent University for loss or damage suffered or incurred by any student or third party as a result of delays, suspension or termination of services, practica, seminars, placements, courses or classes or other activities by reason of natural disasters, civil unrest or disobedience, labour disputes, work stoppages, strikes, lockouts, financial exigency, restrictive laws or governmental regulations, orders or directives, inability to procure materials, trades or labour, weather, utility interruptions, damage to University property, acts of war or terrorism, threats to the safety or security of the University, its property or people or other happenings

or occurrences beyond the reasonable control of Trent University.

In respect of any Claim for damages or indemnification by any person (a "Claimant") under the terms and conditions of this calendar and its academic and non-academic regulations against Trent University or any of its employees, governors, members, officers, or agents (any of them, a "Defendant"), whether based in contract (whether or not a fundamental breach of contract), tort (including negligence), or otherwise, the Claimant's sole and exclusive remedy shall be to receive from the Defendants (in the aggregate) payment for actual and direct damages to a maximum aggregate amount for all such Claims equal to the fees payable and paid by the Claimant to Trent University respecting the services, practica, seminars, placements, courses or classes or other activities governed under this calendar in the twelve months preceding the Claim.

In no event shall Trent University be liable for any indirect, economic, special, punitive, commercial, incidental, exemplary, or consequential damages (including without limitation lost profits, loss of business revenue or earnings, lost data, damages caused by delays, or a failure to realize expected savings or revenue) directly or indirectly arising out of or in connection with delays, suspension or termination of services, practica, seminars, placements, courses or classes or other activities, or the terms and conditions of this calendar and its academic and non-academic regulations whether or not such damages could reasonably be foreseen or their likelihood was disclosed to the parties.

### Jurisdiction/Governing Law

This calendar, its rules and regulations and the rights and obligations of the parties hereunder shall be governed by the laws of the Province of Ontario. Any action or proceeding for relief regarding these provisions shall be brought in the Province of Ontario.

## Protection of Personal Information

Trent University may collect and maintain personal information from prospective students for the purposes of communicating with students about University programs, processing applications, assessing eligibility for admission and student awards and maintaining statistical data on applications. Personal information contained in the records of current students is used to register students in courses and to deliver academic and administrative services related to attendance at a public post-secondary institution as well as for graduate program reviews and appraisals. Personal information in the student record is protected in compliance with the Ontario Freedom of Information and Protection of Privacy Act and the University's privacy protection policies.

### Notification of Collection, Use and Disclosure of Personal Information

Students' personal information is collected, used and disclosed by Trent University under the authority of Section 18(3)(c) of the *Trent University Act, 1963*. It is used by the University to create permanent student records, track academic progress, process fees, conduct research into university enrolment, administer programs and services of the University and communicate with students regarding University business. The University is required to report student-level enrolment-related data, including Ontario Education Numbers, student characteristics and educational outcomes to the Ministry of Training, Colleges and Universities as a condition of its receipt of operating grant funding. The Ministry uses this enrolment data, which includes limited personal information such as Ontario Education Numbers, student characteristics and education outcomes, in order to administer government postsecondary funding, policies and programs, including planning, evaluation and monitoring activities.

The name, sex, date of birth and student number of students in Peterborough are provided on a confidential basis to the Trent Graduate Student Association (TGSA) Student Health Benefits Co-ordinator for the purpose of enrolment in the student health plan(s) and the issuing of refunds where applicable. This information is transferred by the TGSA to its insurance broker Student VIP (powered by C&C Insurance Consultants Ltd.) to establish membership in the student health plan and to benefits carrier RWAM Insurance Administrators Inc. for the purpose of processing student health claims. Student names and trentu.ca email addresses are provided to the TCSA, Trent Graduate Student Association, Julian Blackburn College Student Association or Student Association of UOIT/Durham College (as the case may be) for the purpose of communications related to the student's membership in the association. Names and student numbers may be made available to student associations in the form of a voters' list for student elections.

Graduate Students who hold a TA position, are by nature of their employment members of the CUPE II union. Student names and trentu.ca email addresses are provided to CUPE for the purpose of communications related to the student's membership in the association.

Where students are enrolled in collaborative programs that require the transfer of personal information to another postsecondary institution, students will normally be provided with a separate notice regarding any information-sharing that is required to jointly administer the program.

The University may enter into an agreement with one or more statistical research firms to conduct surveys on behalf of the University. With the University's permission, these firms may contact groups of students or alumni by email to request their participation in a survey on a voluntary and confidential basis. Students and alumni may choose to opt out of any such survey and not be contacted further for survey purposes.

Information regarding graduation and awards may be made public. Unless individuals have requested otherwise, the University may keep in touch with alumni for purposes that support the mission of the University including surveys, institutional research, invitations to events, philanthropy, newsletters and other information on programs and services.

### Notification of Use and Disclosure of Personal Information to Statistics Canada

Statistics Canada is the national statistical agency. As such, Statistics Canada carries out hundreds of surveys each year on a wide range of matters including education.

It is essential to be able to follow students across time and institutions to understand, for example, the factors affecting enrolment demand at post-secondary institutions. The increased emphasis on accountability for public investment means that Statistics Canada regularly asks all colleges and universities to provide data on students and graduates.

The Federal Statistics Act provides the legal authority for Statistics Canada to obtain access to personal information held by educational institutions. The information may be used only for statistical purposes, and the confidentiality provisions of the Statistics Act prevent the information from being released in any way that would identify a student.

Students who do not wish to have their information used are able to ask Statistics Canada to remove their identification and contact information from the national database.

Further information on the use of this information can be obtained from Statistics Canada's website: [www.statcan.ca](http://www.statcan.ca) or by writing to the Postsecondary Section, Centre for Education Statistics, 17th Floor, R.H. Coats Building, Tunney's Pasture, Ottawa, K1A 0T6.

Questions on how student information is collected, used or disclosed, may be directed to the University Registrar, Office of the Registrar, Blackburn Hall, Trent University, 1600 West Bank Drive, Peterborough, ON K9J 7B8, or email: [registrar@trentu.ca](mailto:registrar@trentu.ca).

## Access to Student Record Policy

By applying for admission to Trent University and by registering in programs or courses at the University, students accept the University's right to collect pertinent personal and academic information. The information is used to assess their qualifications for admission, establish and update a record of their academic performance, determine their eligibility for awards and scholarships, determine government funding, and allow the University to undertake its obligations under the Trent Act, 1963. For further information on the collection and use of this information, or if you have concerns about the collection and use of this information, please contact the University Registrar at [registrar@trentu.ca](mailto:registrar@trentu.ca).

All documentation provided to the University to support an application for admission, housing, financial awards, or any petition or appeal becomes the property of the University.

The University Registrar, in the Office of the Registrar, is the custodian of all official physical and electronic academic records of all students who have been or are currently registered in degree programs at Trent University. The Office of the Registrar strives to ensure the security and privacy of personal information through the application of appropriate systems for access to that information, the development of procedures, and the education and training of staff and faculty to treat personal information in confidence.

## Trent University's Principles on Access to Confidential Student Records and Disclosure of Information

The University will not disclose personal information it has collected except in the following circumstances:

1. the person has consented in writing to disclosure of specific information for a particular purpose
2. the person has authorized in writing another individual to act on his/her behalf or participate in his/her affairs at the University
3. the information is required by an authorized staff person in the course of his/her work
4. to comply with legal requirements, including but not limited to, granting of access to Statistics Canada
5. in compelling or compassionate circumstances, or as otherwise permitted under the Freedom of Information and Protection of Privacy Act.

The University will disclose information about students who have graduated, such as degree conferred, date, medals and scholarships, as this information is printed in the Convocation program. Whether a student is currently registered is not considered to be public information and may not be disclosed except as specified in the above Principles.

## I. Disclosure to the student

1. Students normally have the right to review the information contained in their hard-copy file, with the exception of confidential evaluations and letters of reference provided by a third party. Students who wish to review their hard-copy file must make an appointment with the University Registrar (or designate). Any student who is not satisfied with the access provided may make a formal request under the Freedom of Information and Protection of Privacy Act through the office of the access/privacy coordinator.
2. Students may request that incorrect information in their files be corrected and that those who may have received incorrect information are notified of the change. Students seeking to correct their information may be asked to complete a formal access/correction request.
3. Students have access to their electronic record through myAcademic Record. This includes biographic and academic information.
4. Documents submitted by or for the student in support of the application for admission or for transfer credit become the property of Trent University and will not be released or redirected. In rare instances, authorized by the University Registrar or designate, an original transcript may be released to the student and a copy retained in the file with an explanation for this action.
5. Students with no outstanding financial obligations to the University may, upon written request and payment of a fee, obtain an official transcript of their academic record at the University or have copies sent to a third party. Transcripts will show the scholarship, awards and prizes granted, courses taken, grades achieved, academic status, and degrees conferred.
6. Students with outstanding financial obligations to the University will be denied access to information such as grades, official transcripts and degree certificates and will be unable to add or drop courses.

## II. Disclosure to faculty and administrative officers of the University

Faculty and administrative staff of the University who require access to student records in order to carry out their official duties are given access on a 'need to know' basis.

### **III. Disclosure to parents, guardians, educational institutions and agencies**

1. Requests for student record information received from another institution of learning or from other organizations will be permitted only with written authorization from the student; such authorization specifies the information to be provided (e.g., Official transcript) and to whom the information is to be sent.
2. Student record information (including application, admission and/or registration information) will not be released to a third party, such as a parent or guardian, without the student's written authorization.

### **IV. Disclosure to government agencies**

Student record information may be provided in the following instances:

1. in response to a court order, summons or subpoena directing the University to release information
2. to provide the Ministry of Training, Colleges and Universities with enrolment reports
3. to provide data to Statistics Canada for national surveys
4. to provide data as required by professional licensing and certification bodies
5. to provide information as allowed under access/privacy legislation.

### **V. Disclosure to Student Governments**

All registered students pay student association fees. The Trent Central Student Association, the College Cabinets, the Julian Blackburn College Student Association, the Trent University in Oshawa Student Association and the Trent Graduate Students' Association ("The Associations") do, from time to time, require specific student record information for particular purposes. The Office of Student Affairs is authorized to provide the Associations with labels, lists and/or e-mail addresses for the purposes of communicating with students or determining their eligibility for some services.

## Important Dates

Readers are advised that changes may occur to the dates listed below. Students should consult the graduate studies website for any changes, and any alteration in dates will be published in the Supplement to the Calendar each year. Where a deadline falls on a weekend, the following Monday will apply.

Please note graduate students are required to register for each academic term (September, January and May).

### FALL SESSION 2014 (September to December)

Note: Students who complete all degree requirements by September 28, 2014 will not be required to pay the term's fees. Students are still required to register for the term by the registration deadline of September 10. A defence date should be scheduled to allow adequate time for edits/revisions. After the successful defence and completion of revisions, students are required to submit a minimum of four final copies of their thesis/dissertation to the School of Graduate Studies by September 28, 2014. Students who complete their degree requirements after the 28th will be required to pay fees for the term (any subsequent refund will be based on the date of degree completion: see [Refund Schedule](#)).

Sept. 1	Monday	Statutory Holiday: "Labour Day"
Sept. 2	Tuesday	Fall term begins  Graduate Orientation Days for new students (compulsory) begins
Sept. 10	Wednesday	Registration deadline: final date for all new and continuing graduate students to register for the Fall term Change of status deadline: final date to apply to transfer to part-time studies, request a leave of absence
Sept. 8	Monday	Graduate Classes Begin
Sept. 26	Friday	Opt Out Deadline for GSA Health and Dental Benefits (for students with proof of alternate coverage)
Sept. 28	Sunday	Fee payment deadline: last date for all new and continuing graduate students to pay tuition fees without late penalty
Sept. 28	Sunday	Last possible date to submit successfully defended final copies of thesis/dissertation to the School of Graduate Studies in order to have fees for this term cancelled (in accordance with Trent University's Graduate <a href="#">Refund Schedule</a> .)
Oct. 13	Monday	Statutory Holiday: "Thanksgiving Day"
Oct. 14	Tuesday	Fall/Winter Graduate Student Bursary Applications due
Oct. 20–24	Monday–Friday	Reading Week
Oct. 27	Monday	Classes resume
Nov. 4	Tuesday	Final date for withdrawal from Fall-term courses without academic penalty*
Dec. 3	Wednesday	Last day of classes
Dec. 21	Sunday	Winter vacation begins

**WINTER SESSION 2015 (January to April)**

Note: Students who complete all degree requirements by January 28, 2015 will not be charged the term's fees. Students are still required to register for the term by the registration deadline of January 10. A defence date should be scheduled to allow adequate time for edits/revisions. Upon the successful defence and completion of revisions, students are required to submit a minimum of four final copies of their thesis/dissertation to School of Graduate Studies by January 28, 2015. Students who complete their degree requirements after the 28th will be required to pay fees for the term (any subsequent refund will be based on the date of degree completion: see [Refund Schedule](#)).

Jan. 1	Thursday	Statutory Holiday: "New Year's Day"
Jan. 5	Monday	Winter term begins
Jan. 12	Monday	Registration deadline: final date for all new and continuing graduate students to register for the Winter term
Jan. 12	Monday	Change of status deadline: final date to apply to transfer to part-time studies, request a leave of absence
Jan. 28	Wednesday	Fee payment deadline: last date for all new and continuing graduate students to pay tuition fees without late penalty
Jan. 28	Wednesday	Last possible date to submit successfully defended final copies of thesis/dissertation to the School of Graduate Studies in order to be exempted from fees for this term (in accordance with Trent University's Graduate <a href="#">Refund Schedule</a> ).
Feb. 1	Sunday	Deadline for Applications for Admission to Graduate programs for Fall 2015
Feb. 5	Thursday	Final date for withdrawal from full-year Fall/Winter session courses without academic penalty *
Feb. 16	Monday	Winter term Graduate Student Bursary Applications due
Feb. 16	Monday	Statutory Holiday: "Family Day"
Feb. 16–20	Monday–Friday	Reading Week
Feb. 17	Tuesday	T2202A and T4A Forms are posted to the student portal on myTrent (for current students)
Feb. 23	Monday	Classes resume
Mar. 5	Thursday	Final date to withdraw from Winter term courses without academic penalty *
Apr. 3	Friday	Statutory Holiday: "Good Friday"
Apr. 7	Tuesday	Classes end
Apr. 28	Tuesday	Last possible date to submit final copies of successfully defended thesis/dissertation to the School of Graduate Studies for those wishing to convocate at Spring 2015 Convocation
Apr. 28	Tuesday	Last day to apply to convocate for Spring 2015 ceremony

## SPRING SESSION 2015 (May to August)

Note: Students who will complete all degree requirements before May 28, 2015 are not required to register and will not be charged the term's fees. It is recommended a defence date be scheduled prior to the 10th of May to allow adequate time for edits/revisions. Upon the successful defence and completion of revision students are required to submit a minimum of four final copies of their thesis/dissertation to the School of Graduate Studies by May 28, 2015. Students who fail to meet this deadline will be required to register and pay fees for the term (any subsequent refund will be based on the date of degree completion: see [Refund Schedule](#)).

May 1	Friday	Spring term begins
May 11	Monday	Registration deadline: final date for all new and continuing graduate students to register for the Spring term  Change of status deadline: final date to apply to transfer to part-time studies, request a leave of absence
May 18	Monday	Statutory Holiday: "Victoria Day"
May 28	Thursday	Fee payment deadline: last date for all new and continuing graduate students to pay tuition fees without late penalty  Last possible date to submit successfully defended final copies of thesis/ dissertation to the School of Graduate Studies in order to have fees for this term cancelled (in accordance with Trent University's Graduate <a href="#">Refund Schedule</a> .)
June 2–5	Tuesday–Friday	Tentative 2015 Spring Convocation ceremonies (Official Convocation date for Graduate Students TBA)
July 1	Wednesday	Statutory Holiday: "Canada Day"
Aug 3	Monday	Statutory Holiday: "Civic Holiday"

### \* Regulations Concerning Dates for Adding/Dropping Graduate Courses

- 1) For courses that follow the normal academic term dates \*(i.e. Fall/Winter, Fall, or Winter) course add / drop dates will match the published dates in the University diary section of the calendar.
- 2) For courses offered over a non-standard timeframe, e.g. compressed or reading courses, the last date by which a student can be enrolled in the course or can drop the course will be identified in the course syllabus.

## Academic Regulations

### Master's and Doctoral Degree Regulations

#### Registration

By registering and paying fees, students assume responsibility for understanding and abiding by the regulations and procedures included in this Calendar. Moreover, it is the student's responsibility to establish and maintain regular communication with their thesis/dissertation supervisor and graduate program. Students should also refer to the Graduate Student Handbook available through the Graduate Studies website at [www.trentu.ca/graduatestudies/forms.php](http://www.trentu.ca/graduatestudies/forms.php).

Students whose applications for admission to graduate study have been approved for full- or part-time study and all continuing graduate students should register by the dates recorded in the Graduate Calendar. Graduate students, full- or part-time, proceeding to a degree must maintain continuous registration in each successive term from the time of initial admission until the end of term during which the requirements for the degree are completed (i.e. successful defence and submission of thesis copies to the School of Graduate Studies) unless on an approved leave of absence.

#### Failure to Register

Graduate students are required to maintain continuous registration in their graduate programs. Students who fail to register or re-register by the published deadlines and have not been granted an official leave of absence, will be withdrawn from their program.

For subsequent reinstatement, the student must make an application for readmission to the School of Graduate Studies including the \$100 application fee, after which the program must make a written recommendation, outlining any academic conditions which it deems necessary.

#### Full-time, Part-time and Inactive status

A graduate student may have active full-time, active part-time, or leave of absence status while enrolled.

##### Full-time

A full-time student is one who:

- (i) is pursuing studies as a full-time occupation;
- (ii) is designated by the University as a full-time graduate student
- (iii) is geographically available and visits the campus regularly
- (iv) is not regularly employed within the University for more than an average of 10 hours per week for any period for which he/she is registered as an eligible full-time graduate student, and
- (v) in the light of the foregoing identifies him/herself as a full-time graduate student.

#### Notes

- It is understood that a graduate student may be absent from the University while still under supervision (e.g., visiting libraries, attending a graduate course at another institution, doing field work). If such periods of absence exceed four weeks in any term written approval must be obtained by completing the Request for Extended Leave form found at [www.trentu.ca/graduatestudies/forms.php](http://www.trentu.ca/graduatestudies/forms.php). Approvals must be obtained from the Graduate Program Director and the Manager of the Office of the Dean of Graduate Studies. Irrespective of this provision, a student conducting experimental work in an external laboratory would not normally be considered as a full-time student except by written permission of the the Manager of the Office of the Dean of Graduate Studies upon recommendation of the supervisor.
- If the student is employed on a Graduate Teaching Assistantship, the terms of employment are governed under the Collective Agreement with CUPE Local 3908, Unit 2 and Trent University. This agreement can be found at [www.trentu.ca/humanresources/labour.php](http://www.trentu.ca/humanresources/labour.php).
- Students who at any time cease to meet all of the criteria for full-time status, but are in good standing and wish to continue with their studies, must change to part-time status, where permitted by the program. If this change in status takes place during a term, adjustments to time limits and fees are made effective from the start of the next term. Such a change requires the written consent of the student's supervisor and Graduate Program Director.

#### Part-time

##### Note

- Financial circumstances alone are not grounds for a change from full-time to part-time status.

#### Graduate students requesting "part-time" status:

- (i) must be those employed on a full- or part-time basis (requiring a letter from their employer(s) to indicate a minimum 20 hour work week);
- (ii) employment with a student's supervisor will not normally be considered a basis for conversion from full-time to part-time status. Exceptions to this requirement must be approved by the Dean of Graduate Studies.
- (iii) must be those unable to attend on a full-time basis because of documented circumstances or responsibilities (e.g., child care, disability).
- (iv) may not register in more than one half the prescribed full-time program course requirements or equivalent per year.
- (v) must note that two years of part-time study shall be deemed equivalent to one year of full-time.



## Change of Status

Students requesting a transfer from full- to part-time status must complete and submit the Request to Transfer to Part-Time Status form found at [www.trentu.ca/graduatestudies/forms.php](http://www.trentu.ca/graduatestudies/forms.php) and obtain approvals from his/her supervisor and Graduate Program Director because of the commitment to provide an extended period of supervision.

Students requesting a transfer from part- to full-time status must complete and submit the Request to Transfer to Full-Time Status form found at [www.trentu.ca/graduatestudies/forms.php](http://www.trentu.ca/graduatestudies/forms.php) and obtain approvals from his/her supervisor and Graduate Program Director.

Requests for change of status are made effective from the start of the next term (as above). Requests will not be approved retroactively.

## Leave of Absence

Students who have valid reasons for not registering for a term may apply for a leave of absence (up to a maximum of three terms) by:

- (i) completing a Leave of Absence form and submitting it to the School of Graduate Studies Office along with their current student card
- (ii) submitting a statement from their thesis/dissertation supervisor that the student will not be on campus (involved in activities related to graduate courses or the thesis) for the duration of their leave of absence, will receive no supervision and will not use any university facilities (i.e., library, laboratories, computer centre, or receive any type of supervision through correspondence). The statement, which must be forwarded to the School of Graduate Studies Office, must confirm that no thesis work of any kind will be pursued during the leave.

A leave of absence, if granted, will be for up to a maximum of three terms (or one calendar year), beyond which the student must re-enroll or will be withdrawn from their program of study. Students on a leave of absence are not eligible to receive any funding from the university during the absence.

The student is required to re-register when ready to resume studies and will be assessed tuition fees at the time of re-entry. There will be a minimum period of registration beyond the leave of absence equal to one term (even if degree requirements are met before that date).

Requests for a leave of absence must be received prior to the registration deadline of the term to be effective for that term. Requests received after the registration deadline will only become effective in the following academic term. Requests cannot be approved retroactively.

Graduate students granted a Leave of Absence will not have access to University faculty, library, labs, or other facilities

## Guidelines on Changing Streams within Masters Programs with Thesis/ Major Research Paper/ Internship Options

Students in a Masters program with optional streams, may apply to change between streams with the approval of their supervisor and graduate program director. Applications must be submitted to the School of Graduate Studies no later than the end of the second term of study, (i.e. April 30th of the first year of study.) Continuation of funding will be reviewed with the application, however is not necessarily guaranteed.

## Parental Leave

Students may request a parental leave for up to three terms (or one calendar year). In the case that both parents are graduate students at Trent University, the leave may be taken by one parent or shared between both to a maximum of three terms total. Parental leave is separate from, and may be taken in addition to, a standard leave of absence.

## Time Limits

Time limits listed here are the maximum allowed for all graduate programs at Trent University. Individual programs may have their own time limit regulations. Please see the program sections for details.

The maximum time allowed to complete all requirements for the Master's degree (thesis-based) from initial registration is three years for a full-time candidate or five years for a part-time candidate. The maximum time allowed to complete all requirements for students in a course-based Masters program is two years for a full-time candidate or four years for a part-time candidate.

The maximum time allowed to complete all requirements for the Doctoral degree from initial registration is five years for a full-time candidate or nine years for a part-time candidate. (Note: see regulations pertaining to full-time/part-time status.)

When students change status from full-time to part-time (or vice-versa) the time remaining to complete degree requirements will be adjusted with one term of full-time study being equivalent to two terms of part-time study. Such adjustments will take effect at the start of the next term. In all cases, the total time to complete all degree requirements will not exceed five years (Master's) or nine years (Doctoral).

In the case of full-time students, the completion of course work is an absolute requirement by the end of two years (Master's), or three years (Doctoral) in order to continue in the program. PhD students should complete their comprehensive and qualifying exams within two years of beginning their studies, or within the time frame outlined in the program requirements.

Students seeking an extension beyond the approved time limit in a graduate program, as well as students who switch from full-time to part-time status, must establish an agreement with their supervisor that outlines a timeline to completion, including milestones and deadlines prior to submitting the request for extension. At the beginning of each subsequent term, the student must submit a progress report to the Program Director, copied to their supervisor, outlining the milestones

achieved, as well as a revised agreement covering the next term. Failure to meet milestones in the agreement may be deemed as unsatisfactory work and may lead to removal from the graduate program.

### Extension of Time Limits

No extensions of the prescribed time limits will be granted except under extraordinary circumstances. In such instances, a Time Limit Extension Request form must be completed by the student in consultation with the supervisor and submitted to the Graduate Program Director. If the Director supports the request, a recommendation will be referred to the Dean of Graduate Studies for approval.

### University-Related Employment for Full Time Graduate Students

Full time graduate students should be in a position to devote their full time and energy to a coherent program of graduate study and research, and should make full time progress toward completion of the requirements of that program. Even though university-related employment (such as an assistantship for teaching, research or administrative tasks) may provide a significant portion of the financial support that enables a graduate student to pursue graduate study, and may provide experience that supplements the formal academic program in developing skills relevant to a future faculty position or other career; too much time spent on employment activities diverts time and energy from the program of study and research, and delays completion.

The common benchmark for the maximum acceptable time spent on university-related (or other) employment for full time graduate students is an average of ten hours per week. As such, Trent University has adopted a policy limiting graduate students to working on campus an average of 10 hours per week.

### Withdrawal from the University

A student who wishes to withdraw from his or her graduate program and the University must complete a withdrawal form found at [www.trentu.ca/graduatestudies/forms.php](http://www.trentu.ca/graduatestudies/forms.php) or send a signed, dated letter to the School of Graduate Studies, copied to the Graduate Program Director and the thesis/dissertation supervisor.

Once the School of Graduate Studies is in receipt of the form or letter of withdrawal, along with a current student card, fees will be adjusted accordingly (following Trent University's Graduate Refund Schedule) and a notation will be placed on your transcript indicating *Withdrawn in Good Standing*. Any scholarship, bursary or other financial support will be adjusted based on the date of withdrawal and may require repayment to the university.

A student who withdraws without completion of the form or a letter will not be eligible for any refund of fees paid nor exemption from fees.

Students who withdraw or change their status to part-time before the end of a term will be required to repay any scholarship funds previously paid to the student.

The TrentUcard must be returned to the School of Graduate Studies at the time of withdrawal.

### Readmission

A student who has withdrawn in good standing, may apply for readmission online through the Ontario Universities Application Centre. An updated plan of study will be required. Students will be considered on an individual basis and will require the approval of the Program Director and Supervisor. Further course work may be required depending on length of absence and/or program requirements. Students should also consult their individual program regulations for re-admission. Students returning from inactive status (e.g., leave of absence) or re-admitted students will require a minimum period of registration and payment amounting to one term (even if degree requirements are met before that date). No defence will be scheduled or held without registration being completed before the proposed date of the defence.

### Courses

A student will be required to obtain a second class standing (B-/70%) in all required graduate courses or a higher standard as required by a particular graduate program. A program may prescribe additional graduate courses and the student may be required or permitted by the program to take courses in addition to those prescribed for credit. Subject to a review of the candidate's competence in his/her major subject, a candidate may be permitted to take one course in another department/program.

### Undergraduate Courses Taken for Graduate Credit

The number of undergraduate courses or combined courses in which undergraduate students predominate cannot exceed 1/3 of the total course requirement for the degree. Undergraduate courses taken in addition to graduate courses will be charged the regular undergraduate tuition in addition to the graduate fees, unless the course is part of the degree requirements of the graduate program or the fees are waived by the Graduate Dean.

### Course Registration, Adding or Dropping Courses

All students must register for courses by the registration deadline of each academic term. Students should be aware of academic regulations with regard to the number of required courses as well as the deadlines to drop a course without academic penalty.

### Regulations Concerning Dates for Adding/Dropping Graduate Courses

- 1) This regulation pertains to elective courses; students are not permitted to drop required courses.
- 2) The start and end date of graduate courses will be identified in the course syllabus.
- 3) For courses that follow the normal academic term dates \*(i.e. Fall/Winter, Fall, or Winter) course add / drop dates will match the published dates in [Important Dates](#).
- 4) For courses offered over a non-standard timeframe, e.g. compressed or reading courses, the last date by which a student can be enrolled in the course or can drop the course will be identified in the course syllabus.

- 5) Normally at least 25% of the grade in a graduate course must be determined and made available to students by the deadline for withdrawal (“Drop date”) from a course.
- 6) For extenuating circumstances, or for any adds or drops outside of the published dates, a manual Course Add/Drop form, available at Program Offices, should be used including the signatures of the course instructor and student’s supervisor. If the student has not been assigned a supervisor, the program director must sign the form.

### Audit Policy for Graduate Students

Upon the recommendation of his/her supervisor, and with the permission of the Manager of the Office of the Dean of Graduate Studies, a graduate student may register to audit the equivalent of one full-credit course in any graduate or undergraduate program at Trent University without being assessed any additional fees. Courses taken for audit will not count for credit towards the student’s graduate degree program, nor will the student be allowed to write final examinations or receive grades for courses which are audited. Courses which are audited will be recorded on the student’s transcript and the term “AUD” will appear in lieu of a grade. It is the student’s responsibility to obtain permission from the course instructor to audit.

### Grading System for Courses

Since June 1982, the following grading scheme has been in effect:

A+	90 – 100	B+	77 – 79	F	0 – 69
A	85 – 89	B	73 – 76		
A-	80 – 84	B-	70 – 72		

In addition to the above, the following symbols may also be used on grade reports. These symbols are also used on the academic transcript of students; AUD (Audit Course); F (fail); INC (Incomplete); INP (In progress); P (pass); PRE (pre-registered); PWD (pass with distinction); PWR (pass with remediation), SAT (satisfactory); UNST (unsatisfactory); WDN (Withdrawn).

### Incomplete Standing

Incomplete standing permits students to prearrange with their instructor an alternate date to submit any remaining work in a course and may be granted in cases where:

- (i) a student is unable to complete in proper time the work requirement of a course for reasons beyond the student’s control such as illness, physical or emotional disability,
- (ii) loss of or damage to work already completed or in progress, or adverse seasonal effects on field or laboratory projects.
- (iii) permission is granted by the program to allow the student to retake a program requirement at a future date as indicated in the program regulations and determined by the Program Director.

Students wishing temporary incomplete standing at the end of a course must petition through the program involved and, where possible, properly support and

document the reasons. Petitions for incomplete standing must be made before the submission of final grades to the School of Graduate Studies.

The deadline for submission of final grades for incomplete courses is August 31 for full-year courses and Fall and Winter half-courses, and December 31 for Summer courses. Failure to meet a revised deadline may result in a grade of F.

Incomplete standing should not be confused with aegrotat standing, which applies only in cases where students are unable, through similar physical or emotional disability, to write or perform in final examinations.

### Grade Reports

Grades for course work will be submitted by the instructor to the graduate program within four weeks of completion of the course

### Unsatisfactory Work

On the recommendation of the program, approved by the Dean of Graduate Studies, a student whose work is unsatisfactory may at any time be required to withdraw from the University. Students should note that individual programs may have criteria beyond those listed below. Please refer to the program section of the calendar for further details.

Unsatisfactory work includes any of the following:

- course work receiving a final grade lower than B- (70%) or the required minimum as established by a program. See [Failed Course Policy](#).
- course work not completed within the specified timeframe
- failure to maintain satisfactory progress in research and/or thesis/dissertation work as determined by the supervisory committee.

### Failed Course Policy

Masters students who obtain less than 70% in a non-required course may take another course in substitution. If 70% is not obtained on the substituted course, the student will then be obliged to withdraw from the program. Only one such substitution will be permitted as part of requirements of any degree.

Students who obtain less than 70% on a required course (as designated by the program) will not be permitted to retake the course and will be required to withdraw from their program.

For PhD programs see individual program regulations.

## Language Requirement for Theses/Dissertations

MA and PhD theses/dissertations will be written and defended in English (or in French, subject to individual program's policy/practice), unless the Dean of Graduate Studies, acting on the recommendation of the Director of the Graduate program involved, grants an exception to this rule. The Dean must take into account: a) the relevance of this language to the content of the thesis/dissertation, and b) the availability of Trent graduate faculty members fluent in the language (both verbal and written) who can supervise the thesis/dissertation, and c) the availability of External and Internal Examiners fluent in the language (both written and verbal) who can effectively participate in the thesis/dissertation examination. Application to defend in a language other than English or French must be submitted to the Dean of Graduate Studies by the Graduate Program Director at least one (1) year in advance of the proposed date of the thesis/dissertation defence. In any case, the Title and Abstract of the Thesis/Dissertation must also be provided in English.

## Change of Name

The School of Graduate Studies and the Office of the Registrar are committed to the integrity of student records. Each student is therefore required to provide his or her legal name on the application for admission and in personal data required for registration. Any requests to change a name, by means of alteration, deletion, substitution, or addition, must be accompanied by appropriate supporting documentation. Upon applying to graduate, a student may be asked to provide legal documentation as proof of his/her name.

## Masters Research and Thesis Requirements

### Thesis Supervision

A supervisory committee for each graduate student in a thesis-based Masters program shall be approved by the Director of the Graduate Program to which the candidate is admitted. It shall consist of the thesis supervisor and at least one other faculty member who meets the School of Graduate Studies and the program requirements, with the supervisor as committee chair.

The role of the committee shall be:

- (i) to ensure that reasonable progress is being made by the student in his/her research and course work. The supervisor shall submit a report on this progress through the Program Director to the Graduate Studies Officer at the end of each Winter term.
- (ii) to approve the thesis topic and any prescribed work.
- (iii) to recommend to the Program Director appropriate action (withdrawal, further research, or course work) in light of the student's progress.
- (iv) to recommend the membership of the thesis examining committee when the final draft of the thesis has been approved by the committee

If a student's supervisor expects to be absent from the University for an extended period of time (two months or more) it is his/her responsibility either to make suitable arrangements in writing with the student and the Program Director for the continued supervision of the student, or to request the Program Director to appoint an interim supervisor. Such arrangements must be communicated in writing to the student with a copy to the Dean of Graduate Studies before the supervisor leaves the University.

Guidelines for graduate programs, graduate students, faculty and the Committee on Graduate Studies are included in the *Graduate Students' Handbook* downloadable from the following website: [www.trentu.ca/graduatestudies/forms.php](http://www.trentu.ca/graduatestudies/forms.php).

### Major Research Paper/Internship Streams

The Major Research Paper will be read and graded by the supervisor, and at least one second reader, selected from among Trent faculty members appointed to graduate programs. Individual programs may require additional readers and/or committee members, one of whom may be external to the university. The MRP will receive a numerical grade. Additional requirements vary across programs; for further details the students should consult individual Program Guidelines.

The Research Essay for the Internship will be read and graded by the supervisor and assigned a numerical grade, on the condition that a favourable Internship report has been received from the Internship Placement supervisor.

## Research Requirements

A candidate for a Master's degree will undertake research and write a thesis or complete a major research paper or internship as required by the program. In the thesis, major research paper or research paper associated with the internship students should give evidence that they have made a logical and intelligent approach to the selected problem and the language of the written submission should be clear and precise; the work should demonstrate the development and support of a sustained argument or originality in the application of knowledge (see OCAV Degree level expectations for more information [www.trentu.ca/graduatestudies/forms.php](http://www.trentu.ca/graduatestudies/forms.php)) as required by the program. Note: All research conducted under the auspices of Trent University by graduate students, funded or unfunded, that involves human subjects requires approval by the Research Ethics Committee of Trent University. Research Ethics guidelines are published on the Research Office website at [www.trentu.ca/research/studentsandscholars.php](http://www.trentu.ca/research/studentsandscholars.php).

Although a thesis, major research paper or internship paper may be submitted at any time, candidates should note the submission deadlines for the Spring Convocation in the academic Calendar and take into account normal times for review of such documents.

## Course Requirements

A student will be required to obtain a second class standing (B-/70%) in all required graduate courses, or a higher standard as required by a particular program. A program may prescribe additional graduate courses and the student may be required or permitted by the program to take courses in addition to those prescribed for credit. Subject to a review of the candidate's competence in his/her major subject and subject to Program requirements, a candidate may be permitted to take one graduate course in another department/program.

## Principles Governing Submission and Examination of Theses

### 1. Submission of thesis for examination

- 1.1 Supervisory Committee members shall review a complete version prepared in conformity with program requirements of the thesis and send a signed "Pre-Exam" form to the Graduate Program Director verifying that the thesis meets degree level expectations and is of sufficient quality to proceed to formal examination.
- 1.2 Depending on program requirements for committee composition, three or more copies of the thesis, typed in conformity with Appendix VI of the current *Graduate Students' Handbook*, shall be deposited with the Graduate Program Director.

### 2. Examining committee

- 2.1 After the supervisory committee has confirmed that the thesis may proceed to examination, the Program Director establishes a committee to participate in the examination and defence, consisting of a Chair, the supervisor, at least one member of the supervisory committee and at least one other member, internal or external to the

University who is not a member of the supervisory committee; and determines the date, place and time of the defence.

### 3. Thesis examination

- 3.1 Copies of the thesis shall be distributed amongst the Examining Committee by the Graduate Program Director *at least three weeks* before the scheduled date of the oral, along with a covering letter from the Graduate Dean explaining the status of the thesis and the range of options for its disposition.
- 3.2 A "Pre-Oral Defence" form is supplied on which each examiner, who has not previously approved the thesis, should verify whether they recommend that the oral examination should proceed. These forms must be returned to the Graduate Program Director at least one week before the scheduled date of the oral.
- 3.3 A negative response by any member of the Examining Committee may result in cancellation of the defence and return of the thesis to the student.

### 4. Defence

- 4.1 The thesis will be defended by the candidate in an oral examination before the Examining Committee.
- 4.2 Every attempt shall be made to schedule the defence within six to eight weeks from the date of approval of the submitted thesis by all members of the Supervisory Committee.
- 4.3 All graduate thesis defences will be conducted on one of the Trent campuses with the Examining Committee and the candidate physically present at the examination. The Dean of Graduate Studies, acting on the recommendation of the director of the graduate program involved, will permit some members of the examining committee and/or the candidate to participate by video or teleconference. When an external examiner is a member of the Examining Committee, in extraordinary situations where neither in person or videoconference examinations are possible, the external examiner may be asked to review the thesis and provide a detailed written assessment of the thesis and questions that will be asked during the defence by the examination chair. Requests for this exam status must be submitted by the Program Director to the Dean of Graduate Studies in advance of thesis defence.
- 4.4 The Examining Committee, and the defence examination, will be chaired by a person appointed by the Graduate Program Director.
- 4.5 Subject to the policy of individual graduate programs, any member of the university or public is free to attend an oral thesis defence examination.
- 4.6 The chair will give priority to questions from members of the Examining Committee, and will adjourn the examination when the Examining Committee decides that further questioning is unnecessary.

- 4.7 The deliberations of the Examining Committee are held in camera. That is to say, only appointed members of the Examining Committee are present at this stage.
- 4.8 It is the responsibility of the chair to see that a report on the examination is prepared before the committee adjourns.
- 4.9 Five recommendations are open to the Examining Committee:
- the thesis is approved as it stands, or
  - the thesis is approved provided certain minor revisions are made, or
  - the thesis is approved provided certain major revisions are made, or
  - the thesis is not approved as it stands but may be resubmitted, and re-examined by some or all of the Examining Committee (this may or may not involve another oral defence), or
  - the thesis is not approved.
- 4.10 The voting is based on a simple majority.
- 4.11 If revisions are required, the Examining Committee must provide a written list of required revisions to the Graduate Program Director within a week following the oral examination. Minor revisions are defined as changes that can be made readily to the satisfaction of the supervisor. Major revisions are defined as corrections requiring structural changes, or other substantive revision. When a thesis is accepted with major revisions, a precise description of the modifications must be included with the Examining Committee's report as well as a time within which the revisions will be accepted. It is then the responsibility of the candidate's supervisor to demonstrate to the Examining Committee that the required revisions have been made. In the case of a thesis that is not approved but that may be resubmitted, the Examining Committee will determine whether the thesis or portions of it will be reviewed by one or more members of the Committee following revisions, or whether a second defence is required.
- 4.12 If the Examining Committee is not prepared to reach a decision concerning the thesis at the time of the thesis defence, it is the responsibility of the chair to determine what additional information is required by the committee to reach a decision, to arrange to obtain this information for the committee, and to call another meeting of the committee as soon as the required information is available. It is also the chair's responsibility to inform the candidate that the decision is pending.

## 5. Final submission

- 5.1 The Graduate Program Director, in consultation with the thesis supervisor, must verify that appropriate corrections have been made, and then submit a summary report of the thesis defence and examination to the School of Graduate Studies.
- 5.2 An approved thesis may be submitted at any time following the oral defence. However, candidates wishing to graduate at Spring Convocation should

refer to the deadlines for submission of final copies of successfully defended theses. Candidates not meeting these deadlines are required to re-register until the thesis has been formally submitted and approved by the University.

- 5.3 The formal submission of the thesis to the University is made to the School of Graduate Studies. At this point, the thesis should be in its final typed version, but only the original copy should be submitted. If there are any discrepancies in format, the student will be contacted by the School of Graduate Studies.
- 5.4 After the thesis has been formally approved, the candidate submits the required copies and pays the cost for binding.
- 5.5 When the thesis is submitted, the candidate is required to complete a "Non-Exclusive Licence to Reproduce Theses/Dissertations" (Form NL/BN 59/02). This gives consent for the Library and Archives Canada to make the thesis available to interested persons and grants a non-exclusive, for the full term of copyright protection, license to Library and Archives Canada.

## 6. Binding of thesis

- 6.1 Theses must be bound in Trent green with front cover and spine writing in gold. Binding arrangements are made through the School of Graduate Studies. Students are required to pay binding and costs at the time of final submission. The thesis will not be sent for binding until fees have been paid.

## 7. Intellectual property and copyright regulations

- 7.1 For information concerning intellectual property and copyright regulations, please refer to the "Guidelines for the use and ownership of intellectual property developed by graduate students at Trent University" found in the Policies and Procedures section of this academic calendar.

### Notes

- Arrangements and expenses for producing the final thesis copies are the responsibility of the student.
- The current *Graduate Students' Handbook* available through the Graduate Student Portal or on the Graduate Studies website: [www.trentu.ca/graduatestudies/forms.php](http://www.trentu.ca/graduatestudies/forms.php), includes a detailed guide on the preparation of thesis.

## PhD Research and Dissertation Requirements

### Supervision

A supervisory committee for each graduate student in a PhD program shall be named by the Director of the Graduate Program to which the candidate is admitted. It shall consist of the dissertation supervisor and at least two other faculty members who meet the School of Graduate Studies and the program requirements, with the supervisor as committee chair.

The role of the committee shall be:

- (i) to ensure that reasonable progress is being made by the student in his/her research and course work.  
The supervisor shall submit a report on this progress through the Program Director to the Graduate Studies Coordinator at the end of each Winter term.
- (ii) to approve the dissertation topic and any prescribed work.
- (iii) to recommend to the Graduate Studies Coordinator appropriate action (withdrawal, further research, or course work) in light of the student's progress.
- (iv) to recommend the membership of the dissertation examining committee when the final draft of the dissertation has been approved by the committee.

If a student's supervisor expects to be absent from the University for an extended period of time (two months or more) it is his/her responsibility either to make suitable arrangements in writing with the student and the Program Director for the continued supervision of the student, or to request the Program Director to appoint an interim supervisor. Such arrangements must be communicated in writing to the student with a copy to the Dean of Graduate Studies before the supervisor leaves the University.

Guidelines for graduate programs, graduate students, faculty and the Committee on Graduate Studies are included in the *Graduate Students' Handbook* downloadable from the following website:  
[www.trentu.ca/graduatestudies/forms.php](http://www.trentu.ca/graduatestudies/forms.php).

### Dissertation Requirements

A candidate for a PhD degree will undertake research and write a dissertation. In the dissertation, students should give evidence that they have made a logical and intelligent approach to the selected problem and demonstrate the ability to conceptualize, design and implement research for the generation of new knowledge and to make informed judgments on complex issues. The dissertation should demonstrate original research or other advanced scholarship of a quality to satisfy peer review and merit publication. Note: All research conducted under the auspices of Trent University by graduate students, funded or unfunded, that involves human subjects requires approval by the Research Ethics Committee of Trent University. Research Ethics guidelines are published on the Research Office website at [www.trentu.ca/research/certification.php](http://www.trentu.ca/research/certification.php).

Although a dissertation may be submitted at any time, candidates should note the dissertation submission deadlines for the Spring Convocation in the academic Calendar and take into account normal times for review of such documents.

### Course Requirements

A student will be required to obtain a second class standing (B-/70 percent) in all required graduate courses, or a higher standard as required by a particular program. A program may prescribe additional graduate courses and the student may be required or permitted by the program to take courses in addition to those prescribed for credit. Subject to a review of the candidate's competence in his/her major subject and subject to Program requirements, a candidate may be permitted to take one course in another department/program.

## Principles Governing Submission and Examination of Dissertations

### 1. Submission of dissertation for examination

- 1.1 Supervisory Committee members shall review a complete typed version of the dissertation, prepared in conformity with Program requirements, and send a signed "Pre-Exam" form to the Graduate Program Director verifying that the dissertation meets degree level expectations and is of sufficient quality to proceed to formal examination.
- 1.2 Depending on program requirements at least four copies of the dissertation, typed in conformity with Appendix VI of the current *Graduate Students' Handbook*, shall be deposited with the Graduate Program Director.

### 2. Examining committee

- 2.1 After the supervisory committee has confirmed that the dissertation may proceed to examination, the Program Director establishes a committee to participate in the defence, consisting of a Chair, the supervisor, at least one member of the supervisory committee, one Trent faculty or adjunct member external to the supervisory committee and one member external to the University. The Program Director determines the date, place and time of the defence.
- 2.2 The external examiner must not have any affiliation with the university or the candidate that might be construed as creating a conflict of interest. Guidelines on conflict of interest are available from the School of Graduate Studies.

### 3. Dissertation examination

- 3.1 Copies of the dissertation shall be distributed amongst the Examining Committee by the Graduate Program Director *at least three weeks* before the scheduled date of the oral, along with a covering letter from the Graduate Dean explaining the status of the dissertation and the range of options for its disposition.
- 3.2 A "Pre-Oral Defence" form is supplied on which each examiner, who has not previously approved the dissertation, should verify whether they recommend that the oral examination should proceed. These forms must be returned to the Graduate Program Director at least one week before the scheduled date of the oral.
- 3.3 A negative response by any member of the Examining Committee will result in cancellation of the defence and return of the dissertation to the student. An examiner who indicates that a dissertation is not suitable for defence will provide a written explanation of the deficiencies and the changes necessary to make the dissertation acceptable for defence.

### 4. Defence

- 4.1 The dissertation will be defended by the candidate in an oral examination before the Examining Committee.
- 4.2 Every attempt shall be made to schedule the defence within six to eight weeks from the date of approval of the submitted dissertation by all members of the Supervisory Committee (see 1.1 above).
- 4.3 All graduate dissertation defences will be conducted on one of the Trent Campus with the examining committee and the candidate physically present at the examination. The Dean of Graduate Studies, acting on the recommendation of the Director of the graduate program involved may permit some members of the examining committee to participate by video or teleconference. Requests for this exam status must be submitted by the Program Director to the Dean of Graduate Studies in advance of the dissertation defence.
- 4.4 The Examining Committee, and the defence examination, will be chaired by a person appointed by the Director of the Graduate Program.
- 4.5 A quorum consists of the external examiner and two other members of the examining committee, not including the chair.
- 4.6 If any member of the examination committee cannot be present, the defence may be postponed at the discretion of the Program Director. The candidate shall not be penalized unduly by a postponement.
- 4.7 Subject to the policy of individual graduate programs, any member of the university or public is free to attend an oral dissertation defence examination.
- 4.8 The chair will give priority to questions from members of the Examining Committee, and will adjourn the examination when the Examining Committee decides that further questioning is unnecessary.
- 4.9 The deliberations of the Examining Committee are held in camera. That is to say, only appointed members of the Examining Committee are present at this stage.
- 4.10 It is the responsibility of the chair to see that a report on the examination is prepared before the committee adjourns.
- 4.11 Five recommendations are open to the Examining Committee:
  - (i) the dissertation is approved as it stands, or
  - (ii) the dissertation is approved provided certain minor revisions are made, or
  - (iii) the dissertation is approved provided certain major revisions are made, or
  - (iv) the dissertation is not approved as it stands but may be resubmitted, and re-examined by some or all of the Examining Committee (this may or may not involve another oral defence), or
  - (v) the dissertation is not approved.



- 4.13 If revisions are required, each member of the Examining Committee must provide a written list of required revisions to the Graduate Program Director immediately following the oral. Minor revisions are defined as corrections that can be made immediately to the satisfaction of the supervisor. Major revisions are defined as corrections requiring structural changes, or other substantive revision. When a dissertation is accepted with major revisions, a precise description of the modifications must be included with the Examining Committee's report as well as a time within which the revisions will be accepted. It is then the responsibility of the candidate's supervisor to demonstrate to the Examining Committee that the required revisions have been made. In the case of a dissertation that is not approved but may be resubmitted, the Examining Committee will determine whether the dissertation or portions of it will be reviewed by one or more members of the Committee following revisions, or whether a second defence is required.
- 4.14 If the Examining Committee is not prepared to reach a decision concerning the dissertation at the time of the dissertation defence, it is the responsibility of the chair to determine what additional information is required by the committee to reach a decision, to arrange to obtain this information for the committee, and to call another meeting of the committee as soon as the required information is available. It is also the chair's responsibility to inform the candidate that the decision is pending.

## 5. Final submission

- 5.1 The Graduate Program Director, in consultation with the dissertation supervisor, must verify that appropriate corrections have been made, and then submit a summary report of the dissertation defence and examination to the School of Graduate Studies.
- 5.2 An approved dissertation may be submitted at any time following the oral defence. However, candidates wishing to graduate at Spring Convocation should refer to the deadlines for submission of final copies of successfully defended dissertations. Candidates not meeting these deadlines are required to re-register until the dissertation has been formally submitted and approved by the University.
- 5.3 The formal submission of the dissertation to the University is made to the School of Graduate Studies. At this point, the dissertation should be in its final typed version, but only the original copy should be submitted. If there are any discrepancies in format, the student will be contacted by the School of Graduate Studies.
- 5.4 After the dissertation has been formally approved, the candidate submits the required copies and pays the cost for binding and microfilming.
- 5.5 When the dissertation is submitted, the candidate is required to complete a "Non-Exclusive Licence to Reproduce Theses/Dissertations" (Form NL/BN 59/02). This gives consent for the Library and

Archives Canada to make the dissertation available to interested persons and grants a non-exclusive, for the full term of copyright protection, license to Library and Archives Canada.

## 6. Binding of dissertation

- 6.1 Dissertation must be bound in Trent green with front cover and spine writing in gold. Binding arrangements are made through the School of Graduate Studies. Students are required to pay binding costs at the time of final submission. The dissertation will not be sent for binding until fees have been paid.

## 7. Intellectual property and copyright regulations

- 7.1 For information concerning intellectual property and copyright regulations, please refer to the "Guidelines for the use and ownership of intellectual property developed by graduate students at Trent University" found in the Policies and Procedures section of this academic calendar.

### Notes

- Arrangements and expenses for producing the final dissertation copies are the responsibility of the student.
- The current *Graduate Students' Handbook* available through the Graduate Student Portal or on the Graduate Studies website: [www.trentu.ca/graduatestudies/forms.php](http://www.trentu.ca/graduatestudies/forms.php), includes a detailed guide on the preparation of dissertations.

## GRADUATE ACADEMIC INTEGRITY POLICY

### Part I: Application and Definitions

#### 1.1 Application

This policy applies to students registered in graduate programs or graduate courses in the Faculty of Arts and Science at Trent University as well as to applicants to graduate programs at the University. (In addition to their responsibilities under the Academic Integrity policy, students should also be aware of their obligations under other university policies including Research Involving Human Participants, and Animal Use Protocol).

#### 1.2 Terminology

In this policy, “program” means graduate programs. “Director” means Directors of graduate programs. “Dean” means the Dean of Graduate Studies. “Instructor” means the person responsible for submitting a final grade for a course, where a course may be a regularly scheduled course or an individual study program. “Supervisor” means the faculty members assigned as a supervisor of study for a thesis, major research paper, internship report or the person responsible for determining the success or failure of any other degree requirement.

#### 1.3 Academic Integrity

All members of the University community share the responsibility for the academic standards and reputation of the University. When students submit work for academic evaluation and credit, they imply that they are the sole authors of the work. Clear and careful attribution of the words and ideas of others is an essential part of academic scholarship. Academic honesty is a cornerstone of the development and acquisition of knowledge and is a condition of continued membership in the University community.

#### 1.4 Academic Dishonesty

Academic dishonesty, including plagiarism and cheating, is ultimately destructive of the values of the University. Scholarly integrity is required of all members of the University. Engaging in any form of academic dishonesty or misconduct in order to obtain academic credit or advantage of any kind is an offence under this policy.

#### 1.5 Plagiarism

Plagiarism is knowingly presenting words, ideas, images, data, or any other form of work of another person (including essays, theses, lab reports, projects, assignments, presentations and posters) in a way that represents or could be reasonably seen to represent the work as one’s own. “Knowingly” includes ought reasonably to have known. Plagiarism includes failure to acknowledge sources correctly and submitting materials copied from the internet without proper acknowledgement of the source. Draft work submitted for evaluation is subject to the same standard as final work. Draft work of a preliminary nature that is

submitted for review and comment rather than evaluation should be clearly marked as such, if for example, referencing of material is incomplete.

#### 1.6 Cheating

Cheating is dishonest academic conduct or attempted dishonest academic conduct during tests or examinations or in the preparation of any other course work or in the presentation of credentials for admission to the University or one of its programs. Cheating also includes the knowing falsification of data and the knowing misrepresentation of evidence. “Knowing” includes ought reasonably to have known.

#### 1.7 Student to consult if in doubt

Students who have any doubt as to what might be considered academic dishonesty in a particular course should consult the instructor of the course or their Program Director to obtain appropriate guidelines.

### Part II: Penalties and Procedures for Academic Offences on Course Work, Tests, Exams or Oral or Written Material Presented as Part of a Degree Requirement

#### 2.1 Expectations of Graduate Students

Graduate students study at an advanced level and the university has every expectation that all graduate students understand the meaning of academic integrity and will undertake work with academic integrity.

#### 2.2 Penalty

The penalty for any offence by a graduate student will be expulsion from the University.

#### 2.3 Extraordinary circumstances

The usual penalty will be levied unless extraordinary circumstances are found which justify a different penalty.

#### 2.4 Instructor/supervisor investigates

If an instructor or supervisor has reason to believe that a student has committed an academic offence s/he will so inform the student within a reasonable time and invite the student to meet to discuss the matter. The instructor/supervisor will make reasonable inquiries to investigate the circumstances of the matter.

#### 2.5 Instructor/supervisor finds no academic dishonesty

If after meeting with the student and reviewing the evidence the instructor/supervisor is satisfied that no academic dishonesty occurred, no further action will be taken by the instructor/supervisor unless new evidence comes to his/her attention.

#### 2.6 Instructor/supervisor finds academic dishonesty, reports to Director

If, after meeting with the student (or if the student fails to respond to the request for a meeting or does not attend a prearranged meeting) the instructor/supervisor concludes that academic dishonesty has occurred, the instructor/supervisor will prepare a report to the Director. Where the Director is the instructor or supervisor s/he will prepare the report her/himself. The report will summarize

the relevant facts and evidence, including the student's version of events if given. The report will additionally state any extraordinary circumstances that are evident in the case. Copies of all supporting documentation will be attached to the report. The instructor/supervisor will inform the student in writing that a report to the Director has been prepared and that a copy has been made available for the student to pick up from the Program office.

### 2.7 Opportunity for comment by student

Should the student wish to add to or clarify the information in the report, the student may send written comments to the Director within seven days of the date of the report.

### 2.8 Director may forward to Dean

The Director shall review the report and any written comments submitted by the student. If the Director is satisfied that no academic dishonesty occurred, no further action will be taken unless new evidence comes to his/her attention. If the Director concludes that academic dishonesty has occurred, s/he will forward the report and written comments to the student and the Dean.

### 2.9 Graduate Studies Appeal Committee decides

Upon receipt of material from a Director, and upon a request from the student within fourteen days, the Dean will usually convene a Graduate Studies Appeal Committee to decide the case. The committee will normally be composed of three non-student, non- same program members of the Graduate Studies Committee (GSC). Where necessary for reasons of expertise or background, the Dean may appoint a non-member of the GSC as one of the three Committee members. The committee will review the written documentation provided and may seek additional information from the parties at its discretion. If the Appeal Committee determines that academic dishonesty has occurred, the Dean will inform the student and Program Director in writing of the decision.

### 2.10 Dean may decide based on extraordinary circumstances

If the Dean is satisfied that extraordinary circumstances justify a different penalty, s/he may decide the case without convening an Appeal Committee.

### 2.11 Note on Tests and Exams

Where an allegation of academic dishonesty arises during a test or examination, the responsible invigilator will collect the available evidence and, if he/she is not the course instructor, will notify the course instructor who will proceed as detailed above.

## PART III: Procedures for Applications to the University or one of its Programs

### 3.1 Notice to Manager, Office of the Dean of Graduate Studies

Where the alleged academic dishonesty involves falsifying, misrepresenting, or withholding records for entry into the University or one of its programs, the Manager, Office of the Dean of Graduate Studies will be informed.

### 3.2 Student notified

The Manager, Office of the Dean of Graduate Studies will notify the student in writing of the allegation and will invite the student to meet within a reasonable time. If the student does not respond to the request for a meeting or does not attend a prearranged meeting, the Manager, Office of the Dean of Graduate Studies will proceed to make a decision on the basis of the evidence before him/her.

### 3.3 Manager, Office of the Dean of Graduate Studies

If, after reviewing the evidence, the Manager, Office of the Dean of Graduate Studies is satisfied that no academic dishonesty occurred, the Manager, Office of the Dean of Graduate Studies will inform the student in writing of his/her decision and no further action will be taken by the Manager, Office of the Dean of Graduate Studies unless new evidence is brought to the Manager, Office of the Dean of Graduate Studies' attention. If the Manager, Office of the Dean of Graduate Studies is satisfied that academic dishonesty has occurred, the Manager, Office of the Dean of Graduate Studies will decide the appropriate penalty and inform the student in writing of his/her decision. A written record of the incident, along with the documented evidence, will be kept on file at the School of Graduate Studies.

### 3.4 Appeal of Manager, Office of the Dean of Graduate Studies' decision to Dean

The student has a right to appeal the decision of the Manager, Office of the Dean of Graduate Studies by writing to the Dean setting out the grounds for appeal within two weeks of notification of the Manager, Office of the Dean of Graduate Studies' decision. The Dean will normally respond to the appeal within two weeks of receiving the appeal.

## Part IV: Other

### 4.1 Final Appeal

The student may appeal a decision of the Graduate Studies Appeals Committee, or the Dean, to the Special Appeals Committee of the University within four weeks of notification of the decision. The decision of the Special Appeals Committee is final within the University.

### 4.2 Privacy protection

In accordance with privacy legislation, personal information gathered under this policy will be shared only among university personnel on a need to know basis.

### 4.3 Other allegations of academic dishonesty

Any other allegations of academic dishonesty may be made in writing to the Dean. The Dean will determine the appropriate procedure to be followed.

### 4.4 No permanent record of dropped allegations

If it is determined that allegations are not supported by sufficient evidence, no permanent record of the incident will be kept on file at the offices of the program or Graduate Studies.

### 4.5 Withdrawal is not a stay of proceedings

A student's withdrawal from a course, program, or the University does not stay or prevent proceedings for academic dishonesty under this policy. Further, penalties for academic dishonesty determined under this policy will appear as appropriate on the student's record, including the student's transcript, despite any such withdrawal.

### 4.6 Report on Academic Offences

In years where there have been an academic offence(s), a summary of offence(s) (setting out the nature of each offence and the penalty) will be prepared by the Dean, published on an Academic Integrity website, and circulated to Senate for information.

## APPEALS PROCEDURE

### General

Graduate students have the right to appeal academic decisions. Under this procedure, an issue should initially be dealt with as close to its source as possible. Students should first attempt to resolve a matter informally with the initial decision-maker(s). Where informal resolution is not possible, a student has the right to make a formal appeal. This procedure recognizes three areas for appeals: 1) those dealing with assignments and examinations associated with graded courses that are part of the requirements of a degree; 2) those dealing with the examinations or evaluations associated with major degree requirements such as comprehensive or candidacy examinations, evaluation of major research or internship papers and theses defences; and 3) those in which a student wishes to have a regulation waived on compassionate grounds or because of extenuating circumstances.

It is the responsibility of the student to present full supporting documentation and to state grounds for the appeal in writing. Details on the first step of an appeal process may be obtained from each Program Office and from the School of Graduate Studies. Dissatisfaction with, or ignorance or neglect of university policy or published deadlines does not constitute sufficient grounds for an appeal. Decisions related to admission to an academic program are not subject to appeal.

### Formal Appeals

#### 1. Formal appeals of grades on assignments or examinations that are part of a course

Appeals of grades on assignments/exams in a course should be made to the course instructor in the first instance, normally within four (4) weeks of receipt of the grade. Appeals submitted after that time may not be accepted.

The original grade of a student who is making an appeal cannot be lowered as a result of that appeal. If the appeal is denied, the instructor will provide the reasons in writing to the student.

Where the student is dissatisfied with the outcome, a further appeal may be made to the Program Director. The Program Director's decision is final subject to an appeal to the Special Appeals Committee.

#### 2. Formal appeals of outcomes of comprehensive/candidacy examinations, thesis/dissertation examinations, or MRP/Internship evaluations, or other degree elements

Appeals of outcomes of comprehensive/candidacy examinations, thesis/dissertation examinations, MRP/ Internship evaluations, other degree elements, or recommendations for withdrawal from a degree program should be referred to the Program Director in the first instance.

Appeals should be submitted to the Program Director normally within four weeks of receiving the outcome in question. Appeals submitted after that time may not be accepted. If the appeal is denied, the Program Director will provide the reasons in writing to the student.

### 3. Formal appeals for requests for an exemption to a University requirement must be directed first to the Graduate Program Director

If the Program Director agrees, the decision must also be approved by the Graduate Dean. If the Program Director rejects the request, the student can appeal to the Graduate Dean. If not satisfied with that decision, the student may appeal to the Graduate Appeals Committee.

In all cases where the student is dissatisfied with the outcome at the program level, the appeal must then be sent to the Dean of Graduate Studies within two weeks of receiving the decision.

Upon receipt of an appeal, the Dean of Graduate Studies will inform the Program Director and will convene the Graduate Studies Appeal Committee. The composition of the Committee will normally be three non-student, voting members of the Graduate Studies Committee (GSC) who are not members of the graduate program of the student. Where necessary for reasons of expertise or background, the Dean may appoint a non-member of the GSC as one of the three members. The Committee will review written documentation and may seek additional relevant evidence at its discretion, including evidence from external experts. The remedy open to the Committee will be limited to a recommendation for reassessment and the conditions under which a reassessment will be made. The decision of the Committee is final, subject to an appeal to the Special Appeals Committee. The committee will attempt to reach a decision within eight weeks.

In the event that there is a dispute over which process, (i.e., 1, 2 or 3) should be used for a particular appeal, the decision on process will be made by the Dean of Graduate Studies.

Students who have exhausted all other appeal processes may appeal to the Special Appeals Committee of Senate on the grounds that a policy or practice has caused the student undue hardship. Special appeals must be filed with the University Secretariat within four weeks of the receipt of the previous ruling. More information is found at the Special Appeals website – [www.trentu.ca/secretariat/specialappeals.php](http://www.trentu.ca/secretariat/specialappeals.php). All decisions of the Special Appeals Committee are final within the university and take effect when issued.

## GUIDELINES FOR THE USE AND OWNERSHIP OF INTELLECTUAL PROPERTY DEVELOPED BY GRADUATE STUDENTS AT TRENT UNIVERSITY

### Intellectual Property

All members of the University community must abide by Trent University's intellectual property policies and respect the intellectual property rights of others. It is the responsibility of all graduate students to read and familiarize themselves with Trent's policies and guidelines on intellectual property. The statement of the Research Office can be found at: [www.trentu.ca/research/ip.php](http://www.trentu.ca/research/ip.php). Students are also encouraged to look at the Canadian Association of Graduate Studies (CAGS) publication on Intellectual Property: "A Guide to Intellectual Property for Graduate Students and Post doctoral Scholars" published by the Canadian Association for Graduate Students: [www.cags.ca/cags-publications.html](http://www.cags.ca/cags-publications.html).

The following Guideline concerns the work done by a graduate student or research assistant and is intended to provide a short summary of the policies concerning intellectual property that are in place.

#### Guideline:

#### Introduction

This Guideline is intended to clarify the types of Intellectual Property (IP) and to assist in determining ownership of Intellectual Property created or developed in whole or in part by Trent University Graduate Students. This guideline covers the rights of current and former Trent students while attending the University and after they leave. Intellectual Property rights do not extinguish when the student leaves the University; they survive for life.

This Guideline applies equally to all graduate students and research assistants ("students") and is to be read in conjunction with Trent University's Research policy on Intellectual Property and the TUFA Collective Agreement provisions ("TUFA Agreement").

#### I) Ownership of Student-Created Intellectual Property

Intellectual Property includes copyrights, patents, trademarks, industrial design, integrated circuit topographies, plant breeder rights, computer programs, and trade secrets. Examples of Intellectual Property most relevant to Students at Trent include (but are not limited to) essays, research papers, lab assignments, articles, theses, dissertations, books, lectures delivered, research data, maps, photographs, videos, tapes, computer software, inventions and equipment, databases, e-materials. In order to be protected by law, an item must satisfy three criteria: (a) it must be an original creation; (b) it must be a specific expression of an idea, not the idea itself; and (c) the item must be fixed in a physical form.

In most circumstances, ownership of intellectual property rights rests with the creator of the work, however this Guideline, along with Canadian Intellectual Property Statutes, provides certain exceptions. Pursuant to Section 13(3) of the Copyright Act, copyright to a work, such as literary works or

computer software, developed or created in the course of employment is held by the employer, in the absence of an agreement to the contrary. Special provisions apply, however, to any work that is an article or other contribution to a newspaper, magazine or similar periodical.

To the extent covered by Section II below, Section 13(3) of the Copyright Act shall not apply to works created by a student in the course of employment with Trent (including employment as a teaching assistant). In such circumstances, the student is the first owner of the copyright in the work. This follows the example of Article IV.7.2 of the TUFA Agreement which specifically excludes the application of section 13(3) of the Copyright Act to members: members hold the copyright in their original works, including lectures, lab manuals and other teaching materials, with some exceptions.

Students may enter into contractual agreements, such as with supervisors, the University, corporate sponsors or other third parties, which may grant or determine Intellectual Property rights. Any such preexisting contract shall govern ownership rights.

All Students are strongly encouraged to discuss any potential Intellectual Property issues with their graduate supervisors and to make the appropriate agreements in advance concerning ownership of Intellectual Property.

Any conflict between Canadian intellectual property laws and this guideline shall be resolved in favour of the applicable Canadian law.

### **Course Work: Examinations, Reports, Papers or Labs**

The Student holds copyright in any work submitted to meet a course requirement, or as part of a thesis or master's project. However, the following conditions are placed on the submission of the work:

- a) The original physical document becomes the property of the University.
- b) The University is granted a non-exclusive, royalty-free and perpetual license to reproduce and circulate the works for internal use as part of the University library collection and for teaching and research purposes.
- c) If a work was created with a substantial use of Trent resources, then the University reserves the right to a 25% share of net revenue generated by the work. The payment of salaries to graduate students and research assistants shall not be construed as use of the University's funds.

Trent holds the copyright in works that are directly requested or specifically commissioned by the University.

### **Theses, Dissertations and Master's Projects**

The Student holds copyright in the finished thesis or master's project, subject to the following exceptions. Ideas themselves cannot be the subject of Copyright. If the Student developed the ideas contained in their thesis with a supervisor or research group, the rights to publish or commercially exploit the resulting work are shared with the supervisor, research group, and the University.

Where a Student's thesis or master's project has been supported (in whole or in part) by research grants, there may be other contractual agreements affecting ownership and commercial exploitation. Students and supervisors should make themselves aware of these conditions prior to beginning the work.

The Student shall display the international copyright notice, referring to the written work only, on the title page of the thesis or master's project. The student is also required to complete a Non-exclusive License to Reproduce Theses be granted to the National Library of Canada. The University is granted a non-exclusive, royalty-free and perpetual license to reproduce and circulate the works for internal use as part of the University library collection.

### **Computer Programs**

Computer programs and software are legally protected by Canadian copyright law. Where a student develops a program or software as part of a course, project or thesis, the student is the owner of the copyright. However, the student is required to grant the University a royalty-free license to use and distribute the software for educational, administrative and research activities within the University. This license does not include the right to use the software for commercial purposes. Use of Software in the administration of the University shall not be considered a commercial purpose.

Where computer programs are developed using software owned or licensed by the University, the student must follow the terms and conditions of the license or purchase agreement.

Computer programs developed at the direct request of a supervisor, faculty or staff are the exclusive property of the University.

### **Research Data**

Where data for a thesis, dissertation or MA project is collected by a Student independently then it is the property of the Student, unless a prior agreement exists with a professor or funder. Once a thesis has been passed, data collected by the student for these purposes remains with the student unless other prior agreements exist with a professor or funder.

Where the data is acquired as part of a joint effort, or using research instruments developed wholly or in part by the research supervisor, University or third party, ownership of the Intellectual Property in the data is shared. All parties involved are responsible for ensuring that proper acknowledgments of contributions are made when the data are released in any form.

### **Equipment and Inventions**

Inventions, Improvements in Design or Developments ("Intellectual Property") discovered, constructed, developed or designed as part of course or thesis work is the property of the University if University resources (including, but not limited to, the work, funding, raw materials, and work space) have been applied, in whole or in part, to the discovery, construction, design or development of equipment or inventions.

Equipment and inventions are the property of the student ONLY IF the equipment and invention was

made without use, in whole or in part, of the University's funds, services, facilities, support and/or technical personnel.

Neither the use of normal academic facilities as defined in Article IV.1.2. of the TUFA Agreement nor the payment of salaries/stipends to students shall be considered use of the University's funds, services, facilities, support and/or technical personnel.

The University shall have the first option to carry out development of the intellectual property towards commercialization.

The University shall share equally with the student any revenue generated as a result of commercialization of any invention, improvement in design or development made by a student with the use, in whole or in part, of the University's funds, services, facilities, support and/or technical personnel.

## II) Teaching

Intellectual Property created by the student for the purposes of teaching or assisting in teaching is owned in the first instance by the student. This includes course outlines, lectures, laboratory manuals, and all other teaching materials including, but not limited to, multimedia instructional aids prepared by the student using University facilities as defined in Article IV.1.2. of the TUFA Agreement (ie. computers, library, office and laboratory space, telephone, etc.).

At the discretion of the student, the student may grant a non-exclusive license to the University or a faculty member to reproduce and circulate the work for internal teaching and research purposes. Such license shall include the right to edit, modify, add to, or delete any part of the work.

## III) Disclosure of Intellectual Property:

All Students must give notice to the University when Intellectual Property is believed to exist, through the "Preliminary Intellectual Property Disclosure Form" submitted to the Office of Research. Further, Students shall give notice to their supervisors and to the Dean of Graduate Studies of any Intellectual Property that may be commercially valuable or give rise to commercially valuable Intellectual Property.

Students must disclose the details of their inventions or discoveries through the "Invention Disclosure Form" which is submitted to the Office of Research.

All students shall give timely notice to the Dean of Graduate Studies and the University, in writing, of any application to protect their Intellectual Property, including without limitation an application for patent, copyright, or trademark registration.

For more information on intellectual property rights:

Copyright Act, R.S.C. 1985, c. C-42

Patent Act, R.S.C. 1985, c. P-4

705-748-1011 ext. 7851 [anthrograd@trentu.ca](mailto:anthrograd@trentu.ca)  
Fax: 705-748-1613 [www.trentu.ca/anthropologyma](http://www.trentu.ca/anthropologyma)

In addition to providing a thorough grounding in anthropological theory and research methods as a preparation for professional careers and/or continuing study at the PhD level, our program produces graduates with sufficient depth and breadth of outlook to meet the need for resourcefulness, versatility and adaptability in modern society. Areas of strength within the MA program include: (1) North American and Latin American archaeology; European and Southwest Asian prehistory; the archaeology of the ancient Greek and Roman worlds; (2) landscape and environmental archaeology, lithic technology, material culture studies, zooarchaeology, isotope biogeochemistry, bioarchaeology and mortuary practices; (3) archaeological method and theory, public archaeology, anthropology of art, ethnographic studies.

## Graduate Program Director

**G. Iannone**, BA (Simon Fraser), MA (Trent), PhD (London), (on leave Fall 2014)

**R. I. Lohmann**, BA, MA, PhD (Wisconsin-Madison) (Acting Director Fall 2014)

## Faculty and Research Areas

### Anthropology

**J. Conolly**, BA (Toronto), MA, PhD (London), *human palaeoecology, population dynamics and cultural change, settlement and landscape archaeology, lithic technology, quantitative methods.*

**L. Dubreuil**, BSc, MSc (Aix-Marseille), DEA, PhD (Bordeaux I), *Prehistory of the Middle East, Epipaleolithic, Natufian, Mesolithic, Neolithization process, Epigravettian of Italy, Neolithization of Europe, ground-stone tools, grinding implements, use-wear studies, experimental archaeology, technology, Design Theory.*

**G. Iannone**, BA (Simon Fraser), MA (Trent), PhD (London), *archaeology, coupled socio-ecological systems, resilience theory, collapse, comparative tropical civilizations, (esp. Central America and Asia).*

**A. Keenleyside**, BA (McMaster), MA (Alberta), PhD (McMaster), *bioarchaeology, palaeopathology, palaeonutrition, Greek and Roman populations, Black Sea, Mediterranean.*

**R. I. Lohmann**, BA, MA, PhD (Wisconsin-Madison), *ethnology, psychological anthropology, religion, cultural dynamics, dreaming, imagination and perception, Melanesia.*

**E. Morin**, BA, MSc (Montréal), DEA (Paris-X Nanterre), PhD (Michigan), *archaeology, human behavioural change during the Pleistocene of Western Europe, faunal analysis, Neanderthals, origins of modern humans, pre-European Eastern North America.*

**M. Munson**, BA (Miami, Ohio), MA, PhD (New Mexico), *archaeology of art, gender and group identity, rock art, ceramics, ritual practice, US southwest, Aboriginal art of North America.*

**J. S. Williams**, BA (McMaster), MA (Western Ontario), PhD (Calgary), *mortuary archaeology, palaeonutrition, stable isotopes, health and the environment, health consequences of colonialism, breastfeeding and weaning, North and South America, Mesoamerica.*

### Ancient History & Classics

**H. Elton**, BA (Sheffield), DPhil (Oxford), *field survey, archaeology of warfare, agent-based modelling, the Roman and late Roman eastern Mediterranean, the regions of Cilicia and Isauria in Southern Turkey.*

**R. D. Fitzsimons**, BA, MA (Toronto), PhD (Cincinnati), *Aegean Bronze Age Archaeology, Early Iron Age Greece, early civilisations, monumental architecture and early state formation, mortuary practices, settlement archaeology, urbanism.*

**J. Moore**, BA (Wilfrid Laurier), MA, PhD (McMaster), *religious and funerary practices, archaeology of the Roman economy (particularly through ceramics), archaeology of ancient north Africa.*

### Adjunct Faculty

**S. Colledge**, BSc (Birmingham), PhD (Sheffield), *archaeobotany; the origins, spread, and development of Neolithic farming in SW Asia and Europe; plant domestication; the early prehistory of SW Asia and the Eastern Mediterranean; quantitative methods.*

**W. A. Fox**, BA, MA (Toronto), *First Nation trade networks in the Great Lakes region; Middle Woodland and Historic (17th Century) periods; lithic sourcing in Ontario; symbolic artifact evidence for Native religious belief systems in the Great Lakes region; identity of ethnicity in the archaeological record.*

**H. R. Haines**, BA (Toronto), PhD (London), *archaeology, Mesoamerican cultures (esp. Maya), development of cultural complexity and socio-political organisations, architectural implications for political and social expressions of power; obsidian economy in Mesoamerica; early state societies, monumental architecture.*

**R. I. MacDonald**, BSc, MA (Trent), PhD (McGill), *environmental archaeology, geoarchaeology, cultural resource management, geographical information systems, archaeological site potential modeling, Great Lakes and Eastern Woodlands prehistory, lithic analysis, public archaeology.*

**D. M. Pendergast**, BA (California-Berkeley), PhD (UCLA), *historic archaeology, museology, Maya archaeology – Belize and Cuba.*

**T. G. Powis**, BA, MA (Trent), PhD (Texas), *Maya Lowlands of Belize; pottery, diet, and subsistence; evolution of complex societies; origin of chocolate in the New World.*



**D. R. Stenton**, BA (Windsor), MA (Trent), PhD (Alberta), *Arctic prehistory, faunal analysis, Thule culture, historical archaeology, cultural resource management, archaeology legislation and policy.*

**P. L. Storck**, PhD (Wisconsin), *environmental archaeology, archaeological theory, typology, replicative flint knapping and lithic technology, ethnoarchaeology of hunter-gatherers and related site formation processes, peopling of the New World, palaeo-Indian cultures.*

**L. Symonds**, BA (Toronto), MA, DPhil, (York, UK), *landscape archaeology, early medieval archaeology, religious transition, cultural interaction and migration.*

#### Professors Emeriti

**P. F. Healy**, BA (California-Berkeley), MA, PhD (Harvard), *complex societies, agriculture, mortuary practices, settlement, trade and exchange, ceramics, art and architecture, New World archaeology, Mesoamerica (esp. Maya), Lower Central America and the Caribbean.*

**H. Helmuth**, DSc, Dr. Habil (Keil), *physical anthropology, osteology, Germany, North America, Maya.*

**S. M. Jamieson**, BA (McMaster), MA (Manitoba), PhD (Washington State), *lithic analysis, interaction and postcolonial theory, historical archaeology, Northeastern and Boreal archaeology.*

**J. R. Topic**, BA, MA, PhD (Harvard), *archaeology, ethnohistory, complex societies, spatial analysis, Peru, South America.*

**J. Vastokas**, MA (Toronto), PhD (Columbia), *anthropology of art, material culture, art and architecture of Europe and the Americas, Northwest Coast, Arctic, Northeast.*

## REGULATIONS

The general regulations and requirements of Trent University for the MA degree apply to graduate study in Anthropology. Students are admitted to the program once a year for studies beginning in the following September. Applications should be received by February 1 to be considered for admission and funding. To be eligible for admission, the applicant must possess a joint or single Honours BSc or BA degree or equivalent in Anthropology or a related field, with an average of at least an upper second class standing (B+, 77%) in the work of the last four semesters or the last two undergraduate years (full-time equivalent). Applicants to the program are expected to have a foundation in appropriate research methodology. They may be required to take an undergraduate course deemed necessary to their program of graduate study, e.g., ANTH 3000Y, ANTH 3100Y, ANTH 3150Y or ANTH 3990Y.

Candidates who have fulfilled the admission requirements will be required to take at least three graduate courses, including either ANTH 5000 or ANTH 5100 and normally ANTH 5500. Full-time students are normally required to complete these courses in their first year of study; part-time students are normally required to complete their course work in the first three years of study. The number of undergraduate courses allowed for credit at the graduate level cannot exceed 1/3 the number of required courses for the program. In addition to completion of the course work, students in the MA

program in Anthropology are required to conduct research and write a thesis in an area of interest to be identified and approved in consultation with the student's supervisory committee, and to pass an oral examination in defense of the thesis. The text of the thesis is not to exceed forty thousand words, excluding bibliography. Students will present their thesis research at first and second year graduate colloquia. Students are subject to a review of their performance at the beginning of the winter session of each academic year. There is no formal language requirement but the supervisory committee will require each student to demonstrate (to the satisfaction of the supervisor) an acceptable capacity to read in a language or languages considered necessary for purposes of research. In addition, students may be expected to show adequate background knowledge in a related discipline, e.g., art history. Expected time to completion for the Anthropology MA program is two years for full-time, four years for part-time.

## UNSATISFACTORY WORK

Candidates must maintain at least a second class standing in their work and must pass an oral examination in defence of their thesis. In all course work the lowest passing grade is a B- (70%). For further details, see [Failed Course Policy](#). Unsatisfactory thesis work, which includes lack of progress in research, thesis or portions of a thesis not submitted within a certain timeframe, or not meeting an approved plan of study, will also preclude continuation in the Anthropology Graduate Program. In all of the above instances, for the student to be reinstated and allowed to re-register he or she must obtain permission from their supervisor and the graduate program director, and receive final permission from the Graduate Studies Committee.

## FINANCIAL SUPPORT

### Graduate Assistantships

All eligible full-time students admitted will receive financial support from a variety of sources including Research Fellowships and Graduate Teaching Assistantships (GTAs). The GTAs involve a maximum of four terms of teaching and related work within the department (normally spanning two consecutive undergraduate academic years).

### External Funding

Students contemplating application to the MA program in Anthropology at Trent are urged to apply for an Ontario Graduate Scholarship (OGS) and/or a SSHRC/CGS Scholarship as well as to additional external (non-university) funding agencies. Application materials for OGS and SSHRC/CGS are available online and from the School of Graduate Studies at Trent University.

For further information on financial support for graduate students, please refer to the graduate studies website:

[www.trentu.ca/graduatestudies/financialsupport.php](http://www.trentu.ca/graduatestudies/financialsupport.php).

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Not all courses will be available every year. Please consult [www.trentu.ca/anthropology](http://www.trentu.ca/anthropology) for information on courses that will be offered for the upcoming academic year.

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- » **ANTH 5000Y: Ethnographic method and theory**  
(Required for students not taking ANTH 5100) An examination and evaluation of major theories and methods and their relationship to problems in social, cultural, and linguistic analysis and interpretation. Emphasis will be placed on the history of ethnological thought and its implications for the development of ethnology and anthropology as a whole. Excludes ANTH 500.
- » **ANTH 5100Y: Method and theory in archaeology**  
(Required for students not taking ANTH 5000) An examination and evaluation of major theories and methods and their relationship to problems in archaeological analysis and interpretation. Emphasis will be placed on the history of archaeological thought and its implications for the development of archaeology and anthropology as a whole. Excludes ANTH 510.
- » **ANTH 5200Y: Selected themes in Canadian archaeology**  
Research-oriented investigations into the archaeological record of Central, Eastern and Northern Canada and adjacent areas. Topics will vary according to interests of staff and students, but will include a review and analysis of regional methodological and theoretical approaches. Excludes ANTH 520.
- » **ANTH 5250Y: Problems in North American archaeology**  
Research topics will vary according to interests of staff and students, but will focus on the culture history and process of a selected region. Emphasis will be placed upon methodological and theoretical approaches. Excludes ANTH 525.
- » **ANTH 5300Y: Problems in Mesoamerican archaeology**  
Review of the long and variegated history of human occupation in Mexico and Central America. Problems include the rise, the structure and the fall of complex societies, cultural ecology, the nature of cultural frontiers, and other related issues of Mesoamerican prehistory. Excludes ANTH 530.
- » **ANTH 5350: Applied Spatial Analysis**  
This course is a focused study of the theory, method, and application of spatial analysis. The emphasis is on developing practical understanding of the principles of a selection of spatial and geostatistical methods in order to identify patterns and processes in spatial phenomena. Practical skill development through analysis of data drawn from a range of case studies appropriate to student interests will be emphasized
- » **ANTH 5500Y: Research design**  
(Normally Required) Course aims are to develop research skills. Readings, seminars, assignments and student presentations will focus on a number of topics, including: the nature of research, ethics, sampling, statistics and research design, writing skills, research and grant proposal formulation, publishing, collaborative research, peer review, and presentation of conference papers. Excludes ANTH 550.
- » **ANTH 5550Y: Selected themes in European prehistory**  
Selected themes in European Prehistory are addressed through readings, seminars and student presentations. Topics may vary according to students' interests, but will include: colonization of Europe; Neanderthal behaviour; origins of modern humans; Palaeolithic and Mesolithic societies; origins and spread of farming; the Neolithic. Excludes ANTH 555.
- » **ANTH 5650Y: Advanced skeletal biology**  
This course focuses on the reconstruction of past populations from skeletal samples, with emphasis on current theoretical and methodological issues in skeletal biology. Topics include methods of age estimation, palaeodemography, growth and development, palaeopathology, dental anthropology, and chemical analyses of bones and teeth. Excludes ANTH 565.
- » **ANTH 5700Y: Cultural processes**  
Research topics will vary according to the interests of staff and students, but will focus on dynamic aspects of learned thought and behaviour patterns in social and cultural contexts. Excludes ANTH 570.
- » **ANTH 5800Y: Anthropology of art, architecture and material culture**  
This course examines the nature, meanings, production, and uses of art in archaeological, ethnographic, and historical contexts. The specific geographic and temporal focus varies each year, but often emphasizes Aboriginal North America and rock art worldwide. Excludes ANTH 580.
- » **ANTH 5850Y: Public archaeology**  
This course is designed to provide the student with a detailed understanding of the issues surrounding public archaeology, a topic which, when viewed in its broadest sense, encompasses two general areas of inquiry: 1) the commodification of the past (e.g., heritage management and archaeotourism); and, 2) archaeology and popular culture. Excludes ANTH 585.
- » **ANTH 5900: Special topics**  
Occasional offerings in response to student interest and faculty availability. Excludes ANTH 590.

## MSc and MA Program in Applied Modelling & Quantitative Methods

705-748-1011 ext. 7715 [amod@trentu.ca](mailto:amod@trentu.ca)  
 Fax: 705-748-1652 [www.trentu.ca/amod](http://www.trentu.ca/amod)

Applied Modelling & Quantitative Methods is an interdisciplinary program which provides for study towards an MSc or MA degree in the application of techniques and theory of modelling in the natural sciences and social sciences. It encompasses the following traditional disciplines: Chemistry, Computing & Information Systems, Economics, Environmental Science, Geography, Mathematics, Physics & Astronomy and Psychology. The program is designed to overcome some of the barriers to interdisciplinary collaboration by bringing together, at the graduate level, students who are actively applying modelling techniques in their thesis research in a broad range of disciplines. The research is in fields in which Trent has demonstrated strong research performance. Although it is oriented towards quantitative models, utilizing computational, mathematical or statistical techniques, it is discipline-based and is not a program in applied mathematics. It has three primary objectives:

1. The teaching of fundamental and common analytical modelling techniques required for research in a large number of quantitative fields.
2. The cross-fertilization that comes from sharing ideas with researchers in other disciplines, and the development of the communication skills required for this to occur.
3. Sufficient training of the student in his/her chosen discipline, including coursework and a research thesis, to permit progression to a disciplinary PhD program.

### Graduate Program Director

**S. McConnell**, BSc, MSc, PhD (Queen's)

### Faculty and Research Areas

#### Anthropology

**J. Conolly**, BA (Toronto), MA, PhD (London), *human palaeoecology, population dynamics and cultural change, settlement and landscape archaeology, lithic technology, geographical information systems and science, spatial and analytical statistics.*

#### Chemistry

**D. A. Ellis**, BSc (Glasgow), MSc (Aberdeen), MSc, PhD (Toronto), *analytical and organic techniques including spectroscopy, chromatography, computational chemistry, synthesis and modelling.*

**H. Hintelmann**, BSc, PhD (Hamburg), *fate of metals in the environment.*

**K. B. Oldham**, (Emeritus), PhD, DSc (Manchester), FCIC, *analytical and computational modelling of electrochemical processes.*

**I. Svishchev**, MSc (Moscow State), PhD (USSR Academy of Sciences), *molecular simulations and physical atmospheric chemistry.*

#### Computing & Information Systems

**W. Feng**, BSc (Hebei), MSc (Shaanxi), PhD (Glasgow), *computing system modelling and simulation.*

**R. T. Hurley**, BSc (New Brunswick), PhD (Waterloo), *distributed systems, databases, data mining algorithms.*

**S. McConnell**, BSc, MSc, PhD (Queen's), *high performance computing, Big Data, data mining and analytics, astronomical data analysis*

**B. Patrick**, BCS (Concordia) MSc (Queen's), PhD, MBA (McGill), *parallel processing and programming languages.*

#### Economics

**B. Cater**, MA (Toronto), PhD (York), *applied microeconomics, applied econometrics.*

#### Geography

**P. Lafleur**, BSc (Brandon), MSc (Trent), PhD (McMaster), *boundary-layer climatology.*

**C. L. McKenna Neuman**, BSc (Queen's), MSc (Guelph), PhD (Queen's), *wind tunnel simulation of particulate transport.*

**R. Ponce-Hernandez**, BEng, MSc (Chapingo, Oxford), DPhil (Oxford), *Spatial Modelling, Geographical Information Systems analysis and remote sensing, environmental applications. Modelling applications to land resources assessment and monitoring, agricultural systems, land degradation and climate change analysis and impacts at multiple scales.*

#### Mathematics

**K. Abdella**, BSc (Trent), MSc (Alberta), PhD (Western Ontario), *atmospheric modelling.*

**W. Feng**, BSc (Hebei), MSc (Shaanxi), PhD (Glasgow), *difference and differential equations.*

**M. Pivato**, BSc (Alberta), PhD (Toronto), *social choice theory and symbolic dynamics.*

**M. Pollanen**, BSc (Carleton), MSc, PhD (Toronto), *mathematical finance; quasi-Monte Carlo methods.*

**R. Yassawi**, BSc (London School of Economics), MA, PhD (McGill), *dynamical systems, ergodic theory.*

**B. Zhou**, BSc (Shanghai), PhD (South Carolina), *combinatorics and graph theory.*

#### Physics & Astronomy

**W. A. Atkinson**, MSc (Alberta), PhD (McMaster), *condensed matter theory and computation.*

**D. R. Patton**, B. Math (Waterloo), PhD (Victoria), *galaxy evolution, galaxy mergers, astrobiology.*

**R. C. Shiell**, BA (Oxford), PhD (Newcastle upon Tyne), *atomic, molecular and optical physics, dynamics of weakly-bound systems.*

**R. Wortis**, MSc, PhD (Illinois), *strongly correlated electron systems.*

#### Psychology

**M. Chan-Reynolds**, BSc (Trent), MA, PhD (Waterloo), *computational modelling of cognitive processes (eg. attention, reading, memory, etc.).*

**R. Coughlan**, BA, MA, PhD (Victoria), *Health communication/prejudice and bullying.*

**T. DeCicco**, BSc (Manitoba), MSc (Trent), PhD (York), *personality, abnormal psychology and health.*

**T. P. Humphreys**, MA (Wilfrid Laurier), PhD (Guelph), *psychological aspects of human sexuality.*

**N. Im-Bolter**, MA, PhD (York), *language, cognitive/social cognitive functioning, and psychopathology.*

**M. Liu**, MEd (Shanghai), MA, PhD (Western Ontario), *social development from a cultural perspective.*

**J. D. A. Parker**, BA (Simon Fraser), MA, PhD (York), *stress and coping, personality and psychopathology.*

**K. Peters**, MA, PhD (British Columbia), *sleep and memory; aging and cognition.*

**E. Scharfe**, BA (Western Ontario), MA, PhD (Simon Fraser), *attachment across the life span.*

**C. T. Smith**, (Emeritus), PhD (Waterloo), *relationship between sleep and memory.*

**B. Smith-Chant**, BSc (Trent), MA, PhD (Carleton), *development and acquisition of basic cognitive skills.*

**L. J. Summerfeldt**, MA, PhD (York), *personality and psychopathology.*

#### REGULATIONS

The general regulations and requirements of Trent University for the MSc or MA degree apply to this graduate program. Students are normally admitted into the program once a year for studies beginning in the following September. The normal requirement for admission into this program is an upper second class (77% or better) (B+ at Trent) standing or its equivalent, in a joint or single Honours BSc or BA degree in one of the traditional disciplines. Before acceptance, a core faculty member must have been identified who will supervise the student's work. Prospective students must have a university course in differential and integral calculus, and one in probability and statistics or the equivalent. Students will also have some familiarity with linear algebra, and be capable of programming at an elementary level in at least one computational language. In addition, a course in either differential equations or advanced statistics is required, depending on whether the student's area of research will be mathematics or statistics based. Students are involved both in course work and thesis research in their home discipline and in interdisciplinary study. Coursework in the foundations and methods of quantitative modelling and in their home discipline consists of about one-third of the work towards the degree. Each student must satisfactorily complete at

least four one-term modelling courses, consisting of two courses in the foundations and mathematical aspects of modelling, and two courses in the home discipline. The required course work is normally completed in two terms, allowing the Summer sessions and the entire second year to be devoted to uninterrupted research. Students also participate in an interdisciplinary seminar on modelling and make one presentation each year. In this seminar the student discusses, in a way comprehensible to the audience, the system being modelled, the model developed and the means of validation of the model; here the emphasis is upon the modelling process itself rather than on the relevance of the results to the discipline of the research. Through this seminar the students develop the skills required to communicate with researchers outside their own discipline, and develop a perspective on their own and other disciplines not obtainable within a single-discipline context. Candidates are required to submit and be examined on a research thesis supervised by one of the core faculty listed above. Selection of the research topic is made by the student together with her/his supervisor and graduate supervisory committee (typically two or three core faculty members including the supervisor.) A grade of at least B- (70) must be obtained in each of the graduate courses. For further details, see [Failed Course Policy](#). The expected time for completion of the degree is two years, for a full-time student.

#### FINANCIAL SUPPORT

All students accepted are offered a teaching assistantship and a research fellowship. These stipends are frequently increased by research stipends provided from faculty's research funds. The program also provides funds to cover minor overhead research costs such as laboratory and computing supplies, equipment and some conference travel. Canadian candidates are encouraged to apply, usually before the middle of October, for national and provincial scholarships (NSERC, SSHRC and OGS awards). Deadlines and guidelines for these scholarships may vary from year to year,

For further information on financial support for graduate students, please refer to the graduate studies website: [www.trentu.ca/graduatestudies/financialsupport.php](http://www.trentu.ca/graduatestudies/financialsupport.php).

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Not all courses will be available every year. Please consult [www.trentu.ca/amod](http://www.trentu.ca/amod) for information on courses that will be offered for the upcoming academic year.

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All courses listed are one-term courses. Students are normally required to take AMOD 5010H, 5020H, 5610H and one of 5510H, 5710H or 5810H. Students with advanced preparation in the material covered in any of 5510H, 5610H or 5710H may appeal to take the corresponding advanced course instead: 5520H, 5620H, 5720H and 5820H respectively.

» **AMOD 5010H, AMOD 5020H, AMOD 5030H**

Discipline-specific courses in the home department. These may be given by the research supervisor in a reading/project course format.

» **AMOD 5510H: Statistical aspects of modelling**

Various statistical approaches to modelling are illustrated, with an emphasis on the applications of statistics within the social and natural sciences. The course discusses both univariate and multivariate procedures, with particular attention to the latter (e.g., multiple regression, multi-analysis of variance, exploratory factor analysis, confirmatory factor analysis, and path analysis). Prerequisite: As for AMOD 5610H, plus a university course in advanced statistics and some knowledge of SAS, SPSS or an alternative statistical application package.

» **AMOD 5520H: Special topics in statistics of modelling**

Prerequisite: AMOD 5510H or equivalent.

» **AMOD 5610H: The foundations of modelling**

This course will introduce modelling process and basic types of models adopted in natural and social sciences. Models from a range of disciplines will be discussed. Prerequisite: one university course in either of calculus or statistics.

» **AMOD 5620H: Advanced topics in modelling**

Prerequisite: AMOD 5610H or equivalent.

» **AMOD 5710H: Mathematical aspects of modelling**

Mathematical approaches to modelling are illustrated, with the emphasis on the methods rather than on the mathematical details. The topics include analytical modelling and computer simulation of dynamic processes, decision making, forecasting, probabilistic analysis, based on case studies from biology, geography, physics, economics, and social sciences. Prerequisite: AMOD 5610, plus any university course in mathematics or physics. AMOD 5610H and working knowledge of a programming language.

» **AMOD 5720H: Special topics in mathematics of modelling**

Prerequisite: AMOD 5710H or equivalent.

» **AMOD 5810H: Computational aspects of modelling**

This course will introduce fundamental principles and concepts in the general area of system modelling and simulation. Topics to be covered include the basics of discrete-event system simulation, mathematical and statistical models, simulation design, experiment design, and analysis of simulation output. Prerequisite: AMOD 5610H and the ability to program in at least one computational language.

» **AMOD 5820H: Advanced topics in computational aspects of modelling**

This course deals with various topics in computational techniques in modelling, including interpolation, ordinary and partial differential equations, approximation, as well as technical integration and differentiation. Prerequisite: AMOD 5610H and 5510H or AMOD 5710H or AMOD 5810H or equivalent.

» **AMOD 5901H: First seminar on applications of modelling**

Each student makes one presentation per year on his/her research, with emphasis on the assumptions, methodology and analysis of the models used. These presentations are attended and graded by her/his Supervisory Committee. Attendance is compulsory. The course will be given a pass/fail grade based on the presentations, attendance and participation by the student. This course represents the first of two presentations and is expected to be about 10–15 minutes in length.

» **AMOD 5902H: Second seminar on applications of modelling**

As with AMOD 5901H, this course represents the second of two presentations required by each student in the program on his/her research. The length of this presentation is expected to be about 25 minutes. As with the first presentation, it will be attended and graded by her/his Supervisory Committee. Attendance is compulsory. The course will be given a pass/fail grade based on the presentations, attendance and participation by the student.

705-748-1011 ext. 1750 [frostcentre@trentu.ca](mailto:frostcentre@trentu.ca)  
Fax: 705-748-1801 [www.trentu.ca/frostcentre](http://www.trentu.ca/frostcentre)

The interdisciplinary MA in Canadian Studies and Indigenous Studies program is a collaborative effort that draws on a diverse range of Trent faculty. Thematic areas for the degree include: the study of Aboriginal Peoples in Canada; Canadian culture, including literature, theory, the visual arts and cultural heritage; political economy, labour, social policy, community development; environmental politics, policy and natural heritage; women and gender in Canada; identities and difference, including the study of region and place, race, ethnicity, sexual orientation, disabilities; Canada in the global context.

Through course work and the writing of a thesis or a major research paper, the MA program offers students advanced exploration of themes and debates in Canadian Studies and Indigenous Studies as well as a grounding in methodological and theoretical approaches to current scholarly research and writing. Critical and engaged writing, thinking and discussion are encouraged not only through scholarly work, but also through the conferences, visiting speakers, student workshops other events sponsored by the Frost Centre.

The MA is offered by the Frost Centre for Canadian Studies & Indigenous Studies, established in 1982 and named for Trent's first Chancellor and a former premier of Ontario, Leslie Frost. The Frost Centre is both a research centre and the home for two graduate programs, including the MA in Canadian Studies & Indigenous Studies, and the Joint Trent-Carleton PhD in Canadian Studies. The Centre strives to create a vibrant space for scholarly research, writing, and discussion about past and current debates and issues central to a critical understanding of Canada.

## Graduate Program Director

**J. S. Milloy**, BA (St Patrick's), MA (Carleton), PhD (Oxford)

## Faculty and Research Areas

### Business Administration

**J. Bishop**, BA (New Brunswick), MA, MBA (McMaster), PhD (Edinburgh), *business ethics and capitalism, moral philosophy of Francis Hutcheson, self identity.*

**R. Dart**, BA (Trent), MES, PhD (York), *organizational theory, community economic development, field methods.*

**S. Simola**, BSW, BA (McMaster), MA (Queen's), MBA (Wilfrid Laurier), PhD (Queen's), *designing and administering large-scale surveys, online survey administration. advanced data analysis, interpretation and report writing, individual Ethical Decision-Making in Business and Organizations, ethics in Corporate Governance and CSR, care ethics.*

### Canadian Studies

**D. Bhandar**, MA, PhD (York), *citizenship studies, critical race and feminist studies, migration and transnational border politics.*

**M. Lacombe**, MA, PhD (York), *women's writing, postcolonial literature in Canada, diversity and Quebec/ Francophone writing and culture. (cross appointed Indigenous Studies)*

**J. S. Milloy**, BA (St Patrick's), MA (Carleton), PhD (Oxford), *Aboriginal policy, Aboriginal education and health issues, Indigenous history of the plains.*

**B. Palmer**, BA (Western), MA, PhD (SUNY, Binghamton), *working class history, social history, political economy, labour.*

**J. E. Struthers**, MA (Carleton), PhD (Toronto), *Canadian social policy and social citizenship, aging, caregiving, health, poverty, welfare, and inequality.*

### Cultural Studies

**V. Hollinger**, MA (Concordia), *science fiction and the post-modern condition.*

**L. Mitchell**, BA (Thompson Rivers), MA (York), PhD (Victoria),

**A. O'Connor**, BA (Trinity College, Dublin), MA, PhD (York), *sociology of culture and mass media, subcultures, art and culture In small cities, global media studies, community media In Latin America.*

### Education

**P. Elliott**, BSc, PhD (Wales) *relationship between science, literacy and society; public understanding of science; the impact of personal schooling experiences on new science teachers' professional practice; nature of good practice in biodiversity education.*

**L. Iannacci**, BA, BEd (York), MEd, PhD (Western), *language and literacy; early childhood education; culturally and Linguistically diverse learners; critical multiculturalism; disability studies; narrative research methods.*

**K. Pendleton Jiminez**, BA (UC Berkeley), MFA (San Diego State), PhD (York), *gender, sexuality, ethnicity and narrative.*

**K. Young**, BA (Ottawa, York), BEd, MEd, PhD (York), *language and literacy; curriculum theorizing; ecojustice and environmental educational leadership; arts-based research.*

### English

**S. J. Bailey**, BA (Queen's), MA, PhD (Toronto), *Victorian literature and culture; gender studies; travel writing; life writing.*

**S. Chivers**, BA (Calgary), MA, PhD (McGill), *disability studies, aging, contemporary writing by women, the "Problem Body" on film.*

**M. C. Eddy**, MA (Western), PhD (Toronto), *feminist and gender theories, theories of race and ethnicity, theories of the body and subjectivity, contemporary fiction.*

**M. Steffler**, BA (Victoria), MA, PhD (McMaster), *Canadian literature; children's literature; environmental issues in literature; romanticism, postcolonial and feminist theory.*

#### Environmental & Resource Science/Studies

**S. Bocking**, BSc, MA, PhD (Toronto), *Environmental history, history of science, science in Canadian society.*

**C. Furgal**, BSc (Western), MSc PhD (Waterloo), *Environmental health impact assessment; environmental health risk management, assessment, and communication; mixed methods and involvement of Indigenous knowledge and western science in environment and health studies; Aboriginal and circumpolar health and environmental change (e.g., contaminants, climate change and food security). (Cross appointed Indigenous Studies).*

**S. Hill**, BSc, BA (Queen's), PhD (Calgary), PEng, *Environmental policy, risk management, climate change, impact assessment, environmental auditing and indicators.*

#### Geography

**H. Nicol**, BA (Toronto), MES (York), PhD (Queen's), *Canadian and political geography with emphasis on the circumpolar north, Canada-US borders and geopolitics.*

**M. Skinner**, BA (Wilfrid Laurier), MA (Guelph), PhD (Queen's), *Health geography: welfare state restructuring, challenges facing the voluntary sector, health and social care in the community.*

#### History

**D. Anastakis**, BA (Western), MA, PhD (York), *20th century Canadian economic and political history, particularly post-World War II trade, economic and business history, government and politics.*

**C. Dummitt**, BA (Trent), MA (Dalhousie), PhD (Simon Fraser), *20th-century Canadian cultural and political history, morality, modernity, gender and masculinity, western Canada.*

**F. Dunaway**, BA (N. Carolina), PhD (Rutgers), *modern United States cultural, environmental, and political history; American Studies; visual culture.*

**C. Durand**, BA, MA (Montréal), PhD (McGill), *Québec history, food history, popular music, the Quiet revolution, and women's history*

**J. Miron**, BA (McGill), MA, PhD (York), *cultural history; medicine and crime in the nineteenth and twentieth centuries; sexuality; Canadian history.*

**K. Walden**, MA, PhD (Queen's), *late Victorian cultural and social history.*

**R. Wright**, BA (Trent), MA, PhD (Queen's), *Modern Canadian political, cultural and diplomatic history*

#### International Development Studies.

**W. Lem**, MA, PhD (Toronto), *Migration, transnationalism, citizenship, nationalism, gender relations, entrepreneurs, diasporas, ethnicity, household economies, rural politics, racism, political economy.*

**J. Solway**, BA (Oakland), MA, PhD (Toronto), *Culture and development; politics, ethnicity and minority rights; rural political economy; Africa and arid lands.*

#### Indigenous Studies

**L. Davis**, BA (Queen's), MA (Alberta), PhD (Toronto), *Community development, policy development, strategic planning.*

**D. N. McCaskill**, BA (Winnipeg), MA (Carleton), PhD (York), *International and Asian Indigenous Peoples; Thai Karen and Hmong hill tribes; Indigenous education; socio-cultural Indigenous knowledge.*

**M. Mumford**, (Métis), BA (Alberta), MFA (Brandeis), *Theatre, dance and music; Aboriginal arts and literature.*

**N. McLeod**, BA, MA (Saskatchewan), PhD (Regina), *Cree culture and history, oral history, Indigenous art, literature, political history, philosophy and religion, the history of Indigenous people of western Canada.*

**D. Newhouse**, (Onondaga), BSc, MBA (Western), *The development of modern Indigenous societies in North America, governance and economies. (cross appointed with Business Administration)*

**P. Sherman**, (Omamiwinini), BA (Eastern Connecticut), MA (Connecticut), PhD (Trent), *Indigenous historical consciousness and identities, Atlantic World and colonial encounters, international Indigenous peoples, and Indigenous women.*

#### Politics

**N. Changfoot**, BA (York), MA (Carleton), PhD (York), *social movements, art and politics, women and politics, law and society, political economy, political and feminist theory.*

**J. Greene**, BA (Manitoba), MA (Wilfrid Laurier), PhD (Queen's), *Comparative and urban political economy and politics, the dynamics of collective action and protest, Marxism, immigration, poverty, and homelessness. (Cross appointed Canadian Studies.)*

**E. Stavro**, MA, PhD (Toronto), *traditional and contemporary political theory, socialist and post modern political theory, democratic theory and feminist thought.*

#### Sociology

**G. Balfour**, BSc, MA (Ottawa), PhD (Manitoba), *Indigenous peoples and the criminal justice system; feminist criminology and critical socio-legal theory, research methods.*

**P. Ballantyne**, BA, MA (Western), PhD (Toronto), *social determinants of health, aging and the life course, the sociology of drugs, lay experience of illness, and sociological theory*

**J. R. Conley**, BA (Alberta), MA (Toronto), PhD (Carleton), *social inequality, class formation, social movements, labour history.*

**A. Heitlinger**, BA (Kent), PhD (Leicester), *status of women, health professions, transnational feminist movement, migration, travel.*

**S. Katz**, BA (York), MA (McGill), PhD (York), *aging and lifecourse studies, sociology of the body, culture, knowledge.*

**A. Law**, BAS (Sydney), MA, PhD (Alberta)

**B. L. Marshall**, MA (Guelph), PhD (Alberta), *women in Canada, feminist politics, feminist media.*

**M. Rahman**, BA (Strathclyde), PhD (Strathclyde) *sociology of gender and culture, with an emphasis on the intersections of race/ethnicity and sexuality; rights agenda for lesbians and gays, and the problems that such strategies create; Muslim queer identities and how these complicate our understandings of “western” gay politics, culture and identity.*

**D. White**, BA (Ryerson), MA (Toronto), PhD (Carleton), *media, women’s issues, state theory, cultural theory.*

#### Gender and Women’s Studies

**M. Chazan**, BA (Waterloo), BEd (OISE), MA, PhD (Carleton).

**M. Hobbs**, BA (Trent), MA (Toronto), PhD (OISE), *Canadian women’s history (esp. work and welfare), women and environment/feminism and environmentalism.*

**C. O’Manique**, BA (Carleton), MA, PhD (York), *comparative political economy of developing countries, comparative public policy in developing countries, gender and globalization. (Cross appointed with International Development Studies.)*

**J. Sangster**, BA (Trent), MA, PhD (McMaster), *Canadian working-class and women’s history, gender, labour and social policy, women and the criminal justice system.*

#### Emeritus Faculty and Research Areas

**J. Harrison**, BA (Saskatchewan), MA (Calgary), DPhil (Oxford), *tourism, cottage culture, museums, organizational culture.*

**T. H. B. Symons** (Vanier Professor Emeritus). *The origins of Canadian Studies; human rights.*

**D. Torgerson**, BA (California-Berkeley), MES (York), MA, PhD (Toronto), *critical theory, political action, the public sphere, policy discourse, green political thought, environmental policy.*

**J. H. Wadland**, (Emeritus), BA (McMaster), MA (Waterloo), PhD (York), *environmental history, cultural history, interdisciplinary methods.*

## REGULATIONS

The general regulations and requirements of Trent University for the MA degree apply to the Canadian Studies & Indigenous Studies program. Students are admitted to the program once a year for studies beginning the following September. Applicants must have achieved an average of at least an upper second-class standing (B+/77%) in the work of the last 10 full academic credits or the last two undergraduate years (full-time equivalent). Students are also expected to have taken undergraduate courses relating to Canada, or be willing to take such courses as their make-up, usually before admission. As well, students must have a clear interest in an interdisciplinary graduate experience. Course selection must be discussed with the Frost Centre Director.

Masters candidates can choose one of the following two options:

#### 1. Thesis-based MA

– CSID 5000 - Core colloquium (1.0 credit)

Two half courses (1.0 credits) from the CSID graduate course offerings

– A written and defended thesis on an approved topic. Theses will be supervised by a committee consisting of a primary supervisor, who must be a tenured or tenure-track faculty member of the Frost Centre, and two other committee members from the Frost Centre. Students are required to pass an oral defence of the thesis conducted by the committee and an external examiner.

#### 2. Course-based MA

– CSID 5000 – Core colloquium (1.0 credit)

Four half-courses (2.0 credits) from the CSID graduate course offerings

– A written major research paper, to be examined by a supervisor and one other Frost faculty member, from a different academic unit or program from the supervisor. Policies relating to the research paper are laid out at [www.trentu.ca/canadianstudiesma/policies.php](http://www.trentu.ca/canadianstudiesma/policies.php)

CSID graduate course offerings:

CSID 5101H: Graduate seminar in Indigenous thought

CSID 5118H: Themes in Canadian History

CSID 5171H: Indigenous Settler Relations

CSID 5202H: Culture, literature & the arts: construction, contestation and celebration

CSID 5301H: Policy, economy & society: approaches & contemporary issues

CSID 5401H: Environment & heritage: the politics of environmental knowledge (not being offered 2014-15)

CSID 5501H: Identities: the Canadian body & the body politic

CSID 5701H: Women & gender relations



Part-time students in the thesis-based MA are expected to complete their course requirements in eighteen months. Part-time students in the course-based MA are expected to complete their course requirements in two years.

All students must attain at least a second class standing in their course work. Additional requirements appropriate to the candidate's field may be specified by the supervisory committee. The expected time of completion of the degree is two years for thesis option, and 12 months for course-based option.

## FINANCIAL SUPPORT

### Graduate Assistantships

Trent has a variety of means of supporting MA students, including the provision of teaching assistantships, research assistantships, scholarships and bursaries. Students who are awarded teaching assistantships will normally be eligible to hold them for up to two years in the thesis option and a minimum of one year in the course option. For this payment it is expected that students will give 10 hours per week of teaching service to the University.

### External Funding

Applicants are encouraged to seek external scholarships where available.

### For Further Information

For further information on financial support for graduate students, please refer to the graduate studies website: [www.trentu.ca/graduatestudies/financialsupport.php](http://www.trentu.ca/graduatestudies/financialsupport.php)

## COURSES AVAILABLE TO GRADUATE STUDENTS: Canadian Studies & Indigenous Studies (CSID)

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**Not all courses will be available every year. Please consult [www.trentu.ca/frostcentre](http://www.trentu.ca/frostcentre) for information on courses that will be offered for the upcoming academic year.**

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Note: In the event that a listed course is unavailable, a Special Topic course under the guidance of an individual faculty member may be substituted. Students may be permitted to take one course in another graduate department/program.

- » **CSID 5000: Core colloquium**  
This required course is intended to introduce students to a fundamental principle which underlies the Frost Centre MA: that all students critically engage with the fields of Indigenous Studies and Canadian Studies. It will also create a context for developing of the thesis/MRP proposal for MA students and build a strong scholarly and collegial community among MA students.
- » **CSID-SUST 5002H: Research methods**  
This course will cover two related themes: an overview of the theory and practice of selected research methodologies; and the ethical considerations of research within Canadian Studies and Indigenous Studies and Sustainability Studies.
- » **CSID 5101H-INDG 6603H: Graduate seminar in Indigenous thought**  
Indigenous scholars have become an important aspect of the intellectual landscape in Native Studies and a few other disciplines. Over the last few decades, Indigenous scholarly writing has emerged in a number of fields: politics, social theory, philosophy, history. This required course examines this emerging literature.
- » **CSID-HIST 5118H: Themes in Canadian history**  
Covering a variety of new approaches and recent debates in the field, this course is designed to give students a solid grounding in the broad sweep of Canadian history. Both disciplinary and interdisciplinary debates animating the field will be explored. Examining key works, the course will explore themes such as: labour and the working class; politics and the state; diplomacy and business; society, race, culture and gender; and white-aboriginal relations.
- » **CSID 5171H: Indigenous Settler Relations**  
This course explores the evolution of Indigenous settler relations in Canada, tracing how they are shaped by economic, social, cultural, religious, political and military factors, and how they differ across regions and First Nations. Themes include comparative imperial policies; treaties, land and space; law and Aboriginal-settler relations; education; religion; the state and policy development; political organization and resistance; gender, familial and sexual relations.

- » **CSID 5202H: Culture, literature & the arts: construction, contestation, celebration**  
This course will critically explore selected theoretical, empirical, and creative 'constructions, contestations and celebrations' of Canadian culture(s). Course content ranges from the national to the local, examining cultural communities and identities, intellectual traditions, cultural policies, museums and galleries, and cultural expression in film, theatre and literature.
- » **CSID-HIST 5301H: Policy, economy & society: approaches & contemporary issues.**  
This course explores the political economy tradition in Canada, and specifically the complex relationship between the state, economy, society, politics, and culture. The course content will provide essential grounding in the approaches, methods, and themes that have been critical to the ongoing development of this Canadian tradition.
- » **CSID-SUST 5401H: Environment & heritage: The Politics of Environmental Knowledge**  
What counts as authoritative 'knowledge' in political discourse and in the policy process? Contests over knowledge in the history of environmental politics, from the Berger Inquiry and Clayoquot Sound to the Tar Sands and the Northern Gateway Pipeline, offer sites for exploring this complex issue.
- » **CSID-ENGL5501H: Identities: the Canadian body & the body politic**  
The course directly addresses a wave of identity politics and its controversial place even within seemingly identity-based movements. Readings on gender, queer theory and politics, disability, aging, and race will come from sociology and political science as well as cultural, literary and film studies.
- » **CSID 5701H: Women & gender relations**  
This course explores the scholarly interpretations, debates, and theories that have shaped our understanding of women and gender in the Canadian and North American context. The historical and social construction of gender identity, culture, and sexualities are explored, and topics such as work, reproduction, 'race,' colonialism, political engagement and social movements.
- » **CSID 5990, 5990H: Directed study**  
A written justification, course outline and approval of the Graduate Program Director are required to take the course.

705-748-1011 ext. 1750 [frostcentre@trentu.ca](mailto:frostcentre@trentu.ca)

Fax: 705-748-1801 [www.trentu.ca/frostcentre](http://www.trentu.ca/frostcentre)

The doctoral program is offered jointly by the Frost Centre for Canadian Studies & Indigenous Studies at Trent University and the School of Canadian Studies at Carleton University.

The PhD program offers five fields of study: Culture, Literature and the Arts; Environment and Heritage; Policy, Economy and Society; Identities; and Women's Studies. The program of courses and dissertation guidance, drawing upon the faculty of the two academic units and universities, will encompass course requirements, comprehensive examinations and a dissertation.

The PhD program in Canadian Studies normally will be undertaken on a full-time basis. However, in cases of exceptional merit, the Frost Centre will accept a few candidates for the degree on a part-time basis.

Students in the program are required to familiarize themselves with the program guidelines posted at: [www.trentu.ca/canadianstudiesphd/policies.php](http://www.trentu.ca/canadianstudiesphd/policies.php)

## Graduate Program Director

TBA

## Faculty and Research Areas

See [MA Program in Canadian Studies & Indigenous Studies](#).

## ADMISSION REQUIREMENTS

The normal requirement for admission into the PhD program is a Master's degree (or equivalent), with at least high Honours standing, in Canadian Studies or a cognate discipline. Applicants should note, however, that meeting the admission requirement does not guarantee admission to the program. Applicants wishing to be considered for admission to the PhD program must submit completed applications by February 1.

## PROGRAM REQUIREMENTS

Doctoral candidates must successfully complete 10 credits. Candidates with deficiencies in certain areas may be admitted to the PhD program, but normally will be required to complete additional work. The specific requirements are as follows:

- credit for successful completion of the mandatory core seminar, CAST 6000
- 1.0 credit for successful completion of two courses or tutorials (or the equivalent) drawn from the graduate list below. A GPA of 9.0 (B+) or better must be obtained in these courses for students to be allowed to proceed to the comprehensive examinations.
- 1.0 credit for successful completion of two 0.5 credit written comprehensive examinations. Students will be examined in two fields.

- satisfactory demonstration of an understanding of a language other than English. Although French is the preferred second language, students may be permitted to substitute an Aboriginal language indigenous to Canada or another language if it is demonstrably relevant to their research interests.
- a public defence, in English, of a written dissertation proposal. Following the completion of their comprehensives, students will be expected to defend a proposal of the research and analysis they plan to undertake in completing their PhD dissertation. The dissertation proposal defence should normally occur within three months after completion of a student's comprehensive examinations. The dissertation committee will be composed of three faculty members, always including one from each university.
- a 7.0-credit dissertation, which must be successfully defended in English at an oral examination.

## LANGUAGE REQUIREMENT

All doctoral students will be required to pass the PhD program's language test. The language test entails the translation into English of a French text (or text in another approved language such as an Aboriginal language indigenous to Canada or another language if it is demonstrably relevant to their research interests). The language test is two hours in length, and students are permitted to use a dictionary. Grades for the language test are "Pass" or "Fail."

Students who have taken a language test as a requirement for their MA cannot use it to meet the PhD language requirement. In order to establish equal treatment to all students, all doctoral candidates will be required to pass the PhD language test.

## COURSES AVAILABLE TO GRADUATE STUDENTS: Canadian Studies

- » **CAST 6000: PhD core seminar: Interdisciplinarity in Canadian Studies: concepts, theories and methods**  
This course will examine the complex theoretical and methodological issues associated with the discourse on an interdisciplinary study of Canada. It will be offered at Carleton and Trent through a combination of joint sessions at both universities and regular electronic communication. This course is mandatory for all PhD students.
- » **CAST 6102H: Culture, literature & the arts: construction, contestation, celebration**  
This course will critically explore selected theoretical, empirical, and creative 'constructions, contestations and celebrations' of Canadian culture(s). Course content ranges from the national to the local, examining cultural communities and identities, intellectual traditions, cultural policies, museums and galleries, and cultural expression in film, theatre and literature.

- » **CAST 6171H: Indigenous Settler Relations**  
This course explores the evolution of Indigenous settler relations in Canada, tracing how they are shaped by economic, social, cultural, religious, political and military factors, and how they differ across regions and First Nations. Themes include comparative imperial policies; treaties, land and space; law and Aboriginal-settler relations; education; religion; the state and policy development; political organization and resistance; gender, familial and sexual relations.
- » **CAST 6201H: Environment & heritage: The politics of environmental knowledge**  
What counts as authoritative 'knowledge' in political discourse and in the policy process? Contests over knowledge in the history of environmental politics, from the Berger Inquiry and Clayoquot Sound to the Tar Sands and the Northern Gateway Pipeline, offer sites for exploring this complex issue.
- » **CAST 6301H: Policy, economy & society: approaches & contemporary issues.**  
This course explores the political economy tradition in Canada, and specifically the complex relationship between the state, economy, society, politics, and culture. The course content will provide essential grounding in the approaches, methods, and themes that have been critical to the ongoing development of this Canadian tradition.
- » **CAST 6401H: Identities: the Canadian body & the body politic**  
The course directly addresses a wave of identity politics and its controversial place even within seemingly identity-based movements. Readings on gender, queer theory and politics, disability, aging, and race will come from sociology and political science as well as cultural, literary and film studies.
- » **CAST 6501H: Women & gender relations**  
This course explores the scholarly interpretations, debates, and theories that have shaped our understanding of women and gender in the Canadian and North American context. The historical and social construction of gender identity, culture, and sexualities are explored, and topics such as work, reproduction, 'race,' colonialism, political engagement and social movements.
- » **CAST 6606H: PhD Directed Reading Course**  
Reading and research tutorials. A program of research and written work in an area not covered by an existing graduate seminar. Approval of Program Director required.
- » **CAST 6070H: PhD comprehensive examination**  
Available only to PhD students. Students will receive a grade of *Satisfactory*, *Unsatisfactory* or *Pass with Distinction*.
- » **CAST 6080H: PhD comprehensive examination**  
Available only to PhD students. Students will receive a grade of *Satisfactory*, *Unsatisfactory* or *Pass with Distinction*.

- » **CAST 6090: PhD dissertation**  
To meet program requirements Trent students must take at least one of the half-credit courses from the Canadian Studies courses listed above. Students can also choose from approved graduate courses at the School of Canadian Studies at Carleton University. Students should consult with the Graduate Studies Administrator for the complete listing of acceptable graduate courses available at Carleton University in any given year. All graduate courses must be approved by the Director of the Frost Centre at Trent University.

#### ACADEMIC STANDING

All PhD candidates must obtain at least B+ standing or better (GPA 9.0) in courses counted towards the degree.

Comprehensive examinations (which will be graded on a "Satisfactory," "Unsatisfactory" or "Pass with Distinction" basis) are exempted from this required standing.

#### COMPREHENSIVE EXAMINATIONS

Normally, full-time students should complete their comprehensive examinations within 24 months of their initial registration in the PhD program. Part-time PhD students should finish their comprehensive examinations within 36 months of completing course work. Both full-time and part-time students should normally complete their comprehensive examinations before defending their dissertation proposal.

The fields of study for the PhD comprehensive examinations are to be chosen from the following list:

- **Culture, Literature and the Arts**  
A general knowledge of theories of culture in general, Canadian theoretical discourses on cultural practices, and on the interplay among theory, art, and literature, and their social contexts.
- **Environment and Heritage**  
A general knowledge of locality, landscape, environment and region in Canada.
- **Policy, Economy and Society**  
A general knowledge of the complex web of relationships linking economy, civil society and public policy in Canada and their interaction within social, political and cultural life.
- **Identities**  
A general knowledge of the character and experience of individual, collective and communal identities in Canada.
- **Women's Studies**  
A general knowledge of women's experiences of the major dynamics of social, political, economic and cultural development at all levels of Canadian life.

#### DISSERTATION PROPOSAL

All students must defend publicly a dissertation proposal after completing their comprehensive examinations. Full-time students must complete this requirement within 27 months of registration in the program.

## FINANCIAL SUPPORT

- Full-time students accepted into the PhD program will be offered teaching assistantships, normally for a maximum of eight terms spanning four consecutive undergraduate academic years. In return for the stipend involved, the students are required to work for up to 10 hours per week, generally assisting with some aspects of the undergraduate teaching program. The stipend is fully taxable and deductions are made through the Human Resources department.
- Successful applicants to the Canadian Studies PhD program will automatically be considered for a number of PhD scholarships and bursaries. Scholarships will be awarded to students with high academic standing.
- Students are encouraged to apply for scholarships, particularly the Ontario Graduate Scholarship (OGS), and the Social Science and Humanities Research Council Doctoral Fellowships (SSHRC).

705-748-1011 ext. 6284 [culturalstudies-phd@trentu.ca](mailto:culturalstudies-phd@trentu.ca)

Fax: 705-748-1027 [www.trentu.ca/culturalstudiesphd](http://www.trentu.ca/culturalstudiesphd)

The Cultural Studies Department at Trent University extends its groundbreaking approach to the field with its new PhD program, the first free-standing PhD in Cultural Studies program in Canada. The program provides students with the freedom to pursue their field of interest within a context of interdisciplinary integration.

The innovative design of the program allows students the flexibility to work on three interrelated research projects during their career as a PhD student. The projects are developed in a supportive and intensive intellectual environment. As each project is completed, original work may be presented at conferences and submitted to scholarly journals. The unique and flexible design of the program puts the emphasis on research and professional development.

Graduates of the program will have gained a critical and comprehensive knowledge of the intellectual traditions in cultural studies; comprehensive knowledge of their own special field; experience in presenting original work to peers and preparing it for scholarly journals; demonstrated ability to design and follow through programs of original research; and teaching experience in Cultural Studies and cognate areas.

The program welcomes applications from students with a completed MA who have demonstrated excellence in research and writing. A wide range of research is possible on the arts, culture, and media, and using theoretical approaches influenced by such diverse figures as De Saussure, Marx, Freud, Adorno, Benjamin, Brecht, Barthes, Levi-Strauss, Durkheim, Lukacs, Arendt, Habermas, Williams, Derrida, Deleuze, Lacan, Kristeva, Foucault, Bourdieu, Ranciere, Butler, Thoreau, Wittgenstein. Graduates of the program are prepared for work in Cultural Studies, but also in areas such as Media and the Contemporary Arts, Literary Studies, Media Studies, Interdisciplinary Humanities, Memory Studies, Tourism Studies, Urban Studies, Television Studies, Internet Studies, Aging Studies, Science Fiction and social studies of culture and the arts.

For further information about the Cultural Studies PhD Program at Trent University, please visit our website at [www.trentu.ca/culturalstudiesphd](http://www.trentu.ca/culturalstudiesphd).

## Graduate Program Director

**J. M. Bordo**, MA, MPhil, PhD (Yale)

## Faculty and Research Interests

**E. Angelova**, MA (Sofia University, Bulgaria), MA, PhD (Toronto), *20th-century continental philosophy (Heidegger, Derrida, post structuralist ethics, French feminist theory) and Kant; 19th-century continental philosophy (Hegel).*

**Z. Baross**, BA (UBC), MA (London), PhD (Amsterdam), *ethics of testimony and witnessing, question of community/hostility/hospitality, relation between political and the philosophical, lure of the Image.*

**J. M. Bordo**, MA, MPhil, PhD (Yale), *art and aesthetic inquiry between theory and history with an emphasis on landscape and place theory; the early 20th formation of cultural theory; Studies: Thoreau, Wilderness, Berlin.*

**C. V. Boundas**, (Emeritus), MA, PhD (Purdue), *Deleuze's philosophy, theory of difference, postmodernism, post-structuralism, desire, minoritarian literature, nomadism, schizoanalysis.*

**V. de Zwaan**, BA (Trent), MA (McGill), PhD (Toronto), *narrative and genre theory; experimental fiction; history of the novel; literary theory; comparative literature; hypertext and new media fiction.*

**R. Dellamora**, (Emeritus), MA (Cambridge), PhD (Yale), *Victorian studies, aestheticism and decadence, literature/visual arts/opera in relation to gender and sexuality, cultural construction of masculinities, critical theory (Foucault, Barthes and Derrida).*

**F. Dunaway**, BA (North Carolina-Chapel Hill), PhD (Rutgers), *modern US cultural and environmental history; American Studies; visual culture; mass media and the environment; landscape photography and contemporary environmental art.*

**M. C. Eddy**, MA (Western), PhD (Toronto), *feminist and gender theories, theories of race and ethnicity, theories of the body and subjectivity, contemporary fiction.*

**E. D. Ermarth**, BA (Carleton College), MA (California-Berkeley), PhD (Chicago), *interdisciplinary cultural history and theory, modernity and postmodernity, time construction, feminist practice.*

**J. Fekete**, (Emeritus), MA (McGill), PhD (Cambridge), *literary and cultural theory, especially modern and post-modern, science fiction, utopia, the technological imaginary, moral panic, biopolitics.*

**D. Holdsworth**, MSc (McMaster), PhD (Western Ontario), *green political theory; cross-cultural reception of philosophical traditions (continental and analytic philosophy); disciplinary and professional practice within post-modern culture; Deleuze and the new philosophical realism.*

**V. Hollinger**, MEd (Newcastle), MA, PhD (Concordia), *queer and feminist speculative fiction, feminist theory, performance theory, post-modern theatre.*

**I. Junyk**, BA (Western Ontario), MA (Queen's), PhD (Chicago), *Modernism and the avant-garde; migration, diaspora, cosmopolitanism; trauma, memory, memorialization; the city; literary and visual studies; Central and Eastern Europe (particularly Ukraine), Hapsburg Empire and post-Soviet transition.*

**S. H. W. Kane**, (Emeritus), BA (Carleton), MA, PhD (Toronto), *oral literature and poetics, mythology and modernity, medieval and Renaissance thought.*

**I. McLachlan**, (Emeritus), MA (Oxford), *contemporary theatre and performance, commerce and cultural transmission in Southeast Asia.*

**L. Mitchell**, BA (Thompson Rivers), MA (York), PhD (Victoria), *political theory, media theory, internet studies, Heidegger.*

**A. O'Connor**, BA (Trinity College, Dublin), MA, PhD (York), *sociology of culture, mass media, subcultures, Latin American culture, community radio, documentary film-making, Raymond Williams, Pierre Bourdieu.*

**D. Panagia**, (Canada Research Chair), BA (Manitoba), M.Litt. (Oxford), MA, PhD (Johns Hopkins), *post-structuralism, aesthetics, political thought, literary theory, historiography and rhetoric.*

**J. Penney**, BA, MA (Alberta), PhD (Duke), *Freud and Lacan, comparative literature and cinema, queer theory, postcolonial theory, Marxism.*

**D. Torgerson**, BA (California-Berkeley), MES (York), MA, PhD (Toronto), *critical theory, political action, public spheres, policy discourse, green political thought, cultural politics.*

**A. L. Wernick**, (Emeritus), MA (Cambridge), MA, PhD (Toronto), *modern and post-modern social and cultural theory, religion, and culture and economy.*

## REGULATIONS

The general regulations and requirements of Trent University for the PhD degree apply to the Cultural Studies PhD program.

## ADMISSION REQUIREMENTS

Admission is competitive for a limited number of places. Consideration of applications begins February 1 for admission the following Fall. To be considered, applicants should have an MA degree with a minimum A- (80%) on their Masters degree course work, demonstrated aptitude for theoretical inquiry, as well as excellent writing skills, and an area of intellectual and research interest consonant with the emphasis and aims of the program. An original and innovative dissertation proposal is also required.

## RESIDENCY REQUIREMENT

Normally, students are expected to have full-time status over a four-year course of studies toward the degree, including regular presence on the Peterborough campus and continual geographic availability. In any event, conversion from full-time to part-time status will only be permitted after the Comprehensive Examination and the Dissertation Seminar have both been successfully completed.

## FINANCIAL SUPPORT

Graduate students in the PhD Program are provided with a minimum level of financial support which includes a combination of a Graduate Teaching Assistantship (GTA), Research Fellowship, and/or a Dean's PhD Scholarship. The support provided to students is adjusted annually as a result of collective bargaining for the graduate teaching assistantship (GTA) portion of the support, and periodically by the Graduate Studies Committee for overall levels of support. Funding will be guaranteed to all full-time students for four years conditional on successful progress through the Program.

For further information on financial support for graduate students, please refer to the graduate studies website: [www.trentu.ca/graduatestudies/financialsupport.php](http://www.trentu.ca/graduatestudies/financialsupport.php).

## SUPERVISION

A Program Faculty Guide is temporarily assigned to each student on arrival in the first year. In consultation with the Faculty Guide and the student, and with the agreement of the faculty members, the Director will appoint a primary Supervisor and at least one secondary Supervisor for the first project, normally by October 31 of Year Two. Where necessary to meet University regulations, the Director will serve, *ex officio*, as the third Supervisor. These Supervisors comprise the student's Supervisory Committee, which will be chaired by the primary Supervisor. The Director, in consultation with the student, will appoint a Supervisory Committee on the same model for the second and third projects, normally by October 31 in each subsequent year, and also a Supervisory Committee for the final dissertation and oral defence.

## PROGRAM REQUIREMENTS

Completion of each component of the program as described below is required of each student. Satisfactory completion of each program requirement requires a passing grade (PASS). In all cases of program requirements, the grade awarded, and transcribed, will be PASS or FAIL, or INC (“incomplete”), in accordance with the University’s grading system. Each INC grade alerts the student to a problem in progressing toward the degree and requires consultation with the Supervisory Committee. Any combination of two INC grades will elicit a letter of warning from the Director and will require an interview with the Director where the student will have to show cause why he/she should not be asked to withdraw from the Program. Each FAIL grade indicates unsatisfactory work and the student may be asked to withdraw from the Program.

The expected time of completion of the degree is four years. The CUST PhD degree is granted once the Program confirms that all Program requirements have been met and once the dissertation is formally approved by the University.

## REQUIRED COMPONENTS

The 14 required components that must be successfully completed are listed below.

### Oral Defence

After the Supervisory Committee confirms that the dissertation may proceed to examination, an oral examination is held, in accordance with Trent University regulations.

### Submission for Publication

Each of the three projects is completed by the student at a level considered publishable by the student’s Supervisory Committee. At least one of the three projects is to be actually submitted for publication before the degree is granted. By April of Year Four, the student will submit to a journal approved by the Supervisory Committee at least one paper for publication, based on the projects that make up the Dissertation.

### Language Requirement

As part of the degree requirements, all doctoral students are required to pass (PASS) a two-hour language test involving translation into English of a French text or, with permission of the Program, another language if it is more relevant to their projects. Dictionaries are allowed. The source text will be of an intellectual quality suited to PhD research. This requirement may also be met by completing and passing (PASS) an undergraduate Trent University language course (or its equivalent), which includes reading and writing components, as well as a suitable translation component.

- » **CUST 6100: Intellectual traditions in cultural studies**  
A year-long seminar concerned with questions, problems and traditions in Cultural Studies and organized around the materials selected for the Comprehensive Exam that year. CUST 6100 will help students prepare for the exam (CUST 6125) and, indirectly, to integrate their research into the field of Cultural Studies.

- » **CUST 6110H: Research in Cultural Studies**  
A practical introduction to research in two six-week units. Unit 1 covers research on cultural objects. Unit 2 covers processes of subjectivity, culture and society. Taught through reading exemplary research on art, theatre, film, television, paraliterature, the internet, landscapes, etc; with methods including psychoanalysis, ethnography, interviews, cultural history, archival research
- » **CUST 6125: Comprehensive examination**  
The comprehensive examination, held in April or May of Year One, tests the student’s familiarity with the Cultural Studies canon. Satisfactory completion of the Comprehensive Examination requires a grade of PASS. A student who does not pass (PASS) the comprehensive examination on the first attempt will be awarded a grade of INC (“incomplete”) and will be offered a second chance to take the examination, normally not later than August 31, the end of Year One.
- » **CUST 6200: Year two dissertation seminar**  
CUST 6200 aims to ensure that the dissertation arises from a continuous practice not only of research and writing but also of collegial inquiry, discussion, and presentation. The main focus of the seminar is the presentation and discussion of the students’ work in progress, including any difficulties in making progress, and students are required on several occasions during the academic year to workshop different parts, stages, or turning points of their dissertation project.
- » **CUST 6225: Special field bibliography**  
A reasoned bibliography, accompanied by a brief text of description and justification, of the student’s special field(s) of competency within the larger domain of cultural studies, which evolves under the supervision of the Supervisory Committee. A first draft should be attempted by the student by August 31 of Year One and presented in CUST 6200; the bibliography and accompanying text should be submitted not later than August 31 of Year Two.
- » **CUST 6250: First project**  
By August 31 at the end of Year Two, the student’s first project must be completed at a level considered by the Supervisory Committee to be of publishable quality. The student will receive a satisfactory grade (PASS) when the student’s Supervisory Committee confirms that the project is completed. Receiving a satisfactory grade (PASS) on this component does not prejudice the outcome of the oral defence in Year Four.
- » **CUST 6275: Dissertation proposal**  
A Dissertation Proposal, normally up to 2,000 words, is due by August 31 of Year Two for the approval (PASS) of the Supervisory Committee. The proposal is expected to provide convincing links between the completed first project, the second project about to be undertaken, and the third project hypothetically contemplated and conceptualized.



- » **CUST 6325: Special field examination**  
A student will take a written and oral examination of the Special Field, based on the approved Special Field Bibliography, in the Spring of Year Three. A student who does not pass (PASS) the Special Field Examination on the first attempt will be awarded a grade of INC (“incomplete”) and will be offered a second chance to take the Examination, normally not later than August 31 of Year Three.
- » **CUST 6350: Second project**  
By August 31 of Year Three, the student’s second project must be completed at a level considered by the Supervisory Committee to be of publishable quality. The student will receive a satisfactory grade (PASS) when the student’s Supervisory Committee confirms that the project is completed. Receiving a satisfactory grade (PASS) on this component does not prejudice the outcome of the oral defence in Year Four.
- » **CUST 6450: Third project**  
By January 1 of Year Four, the student’s third project must be completed at a level considered by the Supervisory Committee to be of publishable quality. The student will receive a satisfactory grade (PASS) when the student’s Supervisory Committee confirms that the project is completed. Receiving a satisfactory grade (PASS) on this component does not prejudice the outcome of the oral defence in Year Four.
- » **CUST 6475: Dissertation as a whole**  
In Year Four, students are expected to bind their three projects together into a dissertation as a coherent whole. The Director will appoint a Supervisory Committee for the final dissertation and oral defence. The student will receive a satisfactory grade (PASS) for CUST 6475 when all members of the student’s Supervisory Committee sign the evaluation form stating that the dissertation is completed and of sufficient quality to proceed to formal examination.

705-748-1011, ext. 7733 [publictexts@trentu.ca](mailto:publictexts@trentu.ca)  
 Fax: 705-748-1823 [www.trentu.ca/englishma](http://www.trentu.ca/englishma)

The constantly evolving material forms of texts and their modes of circulation shape publics into being, and are shaped by publics in turn. In the MA in English Literature at Trent University, we investigate the history of the Public Text, map its present and imagine its futures. Our students will develop new ways of looking at the production of texts, their circulation, and the relationship between texts and their publics, exploring issues which are emerging as central to literary research in the twenty-first century.

A key element of this program is the combination of theory and practice. Thus in the Public Texts Colloquium, students will be brought together with faculty, visiting scholars and experts (e.g., archivists, librarians, printers, publishers, editors, booksellers, book designers) for an intensive exploration of relevant historical, theoretical and practical issues. In the same spirit, students will be able to customize their studies by choosing one of three different paths to the degree: some may wish to embark on a concentrated study of some aspect of the subject by writing a thesis; others may wish to combine additional courses with a major research paper; and still others may elect to combine their academic studies with the practical experience of an internship. This flexibility assures that, in addition to being prepared for further studies at the PhD level in English literature and in allied areas such as Print Culture or the History of the Book, our graduates will develop professional skills applicable to fields such as publishing, editing, communications, journalism, information science, or archival work.

## Graduate Program Director

**M. Epp**, BA (Saskatchewan), MA (McGill), PhD (Alberta)

## Faculty and Research Areas

### English

**S. J. Bailey**, BA (Queen's), MA, PhD (Toronto), *19th century literature, especially poetry; travel writing and literature of the environment; critical theory; gender studies.*

**R. Bode**, BA, MA, PhD (Toronto), *19th and early 20th century British and American; novel; drama; young adult fiction; ecocriticism; 19th century American women writers; George Eliot; Wharton; Conrad; Shakespeare.*

**S. Chivers**, BA (Calgary), PhD (McGill), *Canadian literature; film; disability studies; contemporary writing by women.*

**L. Clark**, BA, MA (Toronto), PhD (Virginia), *Romantic and 18th-C. philosophy and literature; Shaftesbury, Rousseau, Smith, Burke; Jane Austen; Joseph Conrad; Milton; the romantic sublime; tragedy and comedy.*

**L. W. Conolly**, (Emeritus), BA (Wales), MA (McMaster), PhD (Wales), FRSC, *English-Canadian drama; Canadian theatre history; censorship; 18th, 19th and 20th century British theatre and drama, especially Shaw.*

**R. J. Dellamora**, (Emeritus), A.B. (Dartmouth College), BA (Cambridge), MPhil, PhD (Yale), *period formation in relation to celebrity, publicity, and the textual creation of minority public cultures in England, 1880-1945.*

**M. C. Eddy**, BA, MA (Western Ontario), PhD (Toronto), *Modern and contemporary American fiction; African-American fiction; 19th century American women poets; black literary and critical theory; theories of subjectivity and the body; Faulkner; Morrison.*

**M. Epp**, BA (Saskatchewan), MA (McGill), PhD (Alberta), *19th and 20th century American literature; the relationship between print culture and performance; literary theory; literary humour; international modernism.*

**J. Findon**, BA (British Columbia), MA, PhD (Toronto), *Middle English literature; Middle Irish and Middle Welsh literature; women in medieval literature; myth and folklore; children's literature; creative writing.*

**H. M. Hodges**, BA (Queen's), MA, PhD (Toronto), *postcolonial literatures of Africa, South Asia and the West Indies; contemporary British cultures and literatures; oral literatures of Africa and the West Indies.*

**G. A. Johnston**, (Emeritus), BA (Toronto), MA (Harvard), *Modern poetry; Canadian and American poetry; native authors and peoples in literature.*

**S. L. Keefer**, BA, MA, PhD (Toronto), *Old and Middle English language and literature; pre-Conquest liturgical history and influence; editing Old English verse within its manuscript context; computing in medieval disciplines.*

**L. MacLeod**, BA (Windsor), MA (McMaster), PhD (Memorial), *modern and postmodern British literature; empire and culture in the British 20th century; masculinities; narrative and narratology.*

**K. McGuire**, BA (Queen's), MA, PhD (Western Ontario), *Restoration and 18th century British literature; literary theory; cultural history; 19th century Canadian poetry; the novel and print culture.*

**O. S. Mitchell**, (Emeritus), BA, MA (Alberta), PhD (London), *Romantic literature (especially Blake); Canadian and American fiction; creative writing; biography; film studies.*

**J. E. Neufeld**, (Emeritus), BA (Toronto), MA, PhD (Chicago), *performance, especially music and ballet; Renaissance and Restoration drama; theatre history; Canadian literature.*

**M. A. Peterman**, (Emeritus), A.B. (Princeton), MA, PhD (Toronto), FRSC, *19th and 20th century Canadian and American literature; regionalism; popular culture; biography and autobiography; Moodie; Traill; Irish-Canadian writing; Ontario writing; Urquhart, Davies, Findley, Atwood.*

**Z. H. Pollock**, BA (Manitoba), PhD (London), *Renaissance literature; Canadian literature; computers and the humanities, especially editing for the Web and hypertext.*

**E. A. Popham**, BA, MA (Manitoba), PhD (Queen's), *Renaissance literature; Elizabethan political pageantry; Canadian literature; computers and the humanities; textual editing.*

**M. Steffler**, BA (Victoria), MA, PhD (McMaster), *19th and 20th century Canadian literature, especially prose; women's life-writing; children's literature; postcolonial theory, textual editing.*

#### Cultural Studies

**R. J. Dellamora**, (Emeritus), A.B. (Dartmouth College), BA (Cambridge), MPhil, PhD (Yale), *period formation in relation to celebrity, publicity, and the textual creation of minority public cultures in England, 1880-1945.*

**V. Hollinger**, MA (Concordia), MEd (Newcastle-upon-Tyne), PhD (Concordia), *queer and feminist speculative fiction, feminist theory, performance theory, post-modern theatre.*

**L. Mitchell**, BA (Thompson Rivers), MA (York), PhD (Victoria), *Media theory; post-structuralism and subjectivation; phenomenology and quotidian experience.*

#### History

**F. Dunaway**, BA (N. Carolina), PhD (Rutgers), *visual culture (including photography, film and mass media); the production, circulation, and reception of texts related to social movements, especially modern environmentalism.*

#### Indigenous Studies

**N. McLeod**, BA, MA (Saskatchewan), PhD (Regina), *Cree culture and history; oral history; Indigenous narratives and literature; Indigenous art, philosophy; religion and political history.*

#### Psychology

**M. Chan-Reynolds**, BSc (Trent), MA, PhD (Waterloo), *computational modelling of cognitive processes (e.g., attention, reading, memory, etc).*

#### Adjunct Faculty and Research Areas

**C. Good**, BA, MA (Toronto), *Director, Creative Book Publishing Program, Humber College, Canadian publishing, technological trends in international publishing and writing, 19th century British fiction; Canadian literature; Jewish fiction.*

## REGULATIONS

The general regulations and requirements of Trent University for the MA degree apply to this graduate program. To be considered for admission, students must have completed an Honours Degree in English Literature or in another field relevant to Public Texts, with an average of at least B+ (77%, GPA 3.3) overall and A- (80%, GPA 3.7) in English courses, or equivalent. In some cases students without an Honours Degree will be accepted into the Program either on the condition that they earn further undergraduate credits as specified by the Graduate Program Selection Committee or that they provide the Committee with a convincing case for admission based on professional experience.

The Graduate Programs Selection Committee will begin the selection process in the weeks following the application submission date of February 1. Applications received after this date will be accepted and may be considered for funding until all available positions/spaces are filled.

Students must maintain at least a second class standing (B- 70%) in their work. For further details, see [Failed Course Policy](#). There is no language requirement, although additional requirements appropriate to the candidate's field, including requirements with regard to language, may be specified by the supervisory committee. Students who intend to pursue doctoral work will be strongly encouraged to develop a reading ability in at least one language in addition to English.

## PROGRAM OPTIONS

Students have three options for completing the MA program:

### 1. Thesis

- ENGL 5001H: Colloquium (Pass/Fail)
- ENGL 5003H: Research and Professional Development Seminar (Pass/Fail)
- ENGL 5005H: Public Texts 1 (0.5 credit)
- ENGL 5007H: Public Texts 2 (0.5 credit)
- 2 elective courses (total of 1.0 credit)

### 2. Major Research Paper

- ENGL 5001H: Colloquium (Pass/Fail)
- ENGL 5003H: Research and Professional Development Seminar (Pass/Fail)
- ENGL 5005H: Public Texts 1 (0.5 credit)
- ENGL 5007H: Public Texts 2 (0.5 credit)
- 4 elective courses (total of 2.0 credits)
- ENGL 5500: Major Research Paper (1.0 credit)

### 3. Internship

- ENGL 5001H: Colloquium (Pass/Fail)
- ENGL 5003H: Research and Professional Development Seminar (Pass/Fail)
- ENGL 5005H: Public Texts 1 (0.5 credit)
- ENGL 5007H: Public Texts 2 (0.5 credit)
- 4 elective courses (total of 2.0 credits)
- ENGL 5600: Internship (1.0 credit)

## COMPLETION TIME

**Full-Time Studies.** For full-time students the minimum time for program completion is one year (12 months). The maximum is three full years (as per University policy). The expected completion time for the Thesis option is two years, and for the Major Research Paper and Internship options it is one year.

**Part-Time Studies.** Students may pursue their MA degree on a part-time basis. The minimum time for completion for part-time students is two years and the maximum time is five years.

## FINANCIAL SUPPORT

Graduate Teaching Assistantships and Research Fellowships are available for all full-time students admitted to the program. Research Assistantships are also available; students will hold Research Assistantships in addition to their Graduate Teaching Assistantships and Research Fellowships. While the program will normally be completed in a calendar year (12 months) of full-time study, students who are completing the Thesis option will be eligible for support for two consecutive academic years provided they are making acceptable progress on their research.

In addition to bursaries and scholarships available from Trent University, students contemplating application to the program are urged to apply for an Ontario Graduate Scholarship and/or a SSHRC/CGS Scholarship and to additional external (non-university) funding agencies. Application materials for the OGS and SSHRC/CGS are available online and from the School of Graduate Studies at Trent University.

For further information on financial support for graduate students, please refer to the graduate studies website: [www.trentu.ca/graduatestudies/financialsupport.php](http://www.trentu.ca/graduatestudies/financialsupport.php).

## REQUIRED COURSES

- » **ENGL 5001H: Colloquium**  
The Colloquium will bring together all students in the program with faculty, visiting scholars and experts (e.g., archivists, librarians, printers, publishers, editors, booksellers, book designers, researchers in various aspects of theories of publics) for an intensive exploration of relevant historical, theoretical and practical issues. The Colloquium will be offered throughout the year, fortnightly, alternating with the Research and Professional Development Seminar.
- » **ENGL 5003H: Research and professional development seminar**  
Topics include research methods and resources; the nature and requirements of a research project; the presentation of the results of research in public forums; career development, academic and non-academic. At the end of the year, students will publicly present a proposal for their Thesis or Major Research Paper or Internship. The Seminar will be offered throughout the year, fortnightly, alternating with the Colloquium. This course is mandatory for all students.
- » **ENGL 5005H: Public texts 1**  
Explores the material and social production of texts and their circulation in relationship to publics, focussing on technological and social practices and the circulation of texts, from preliterate orality through the development of literacy and print to contemporary digital media.
- » **ENGL 5007H: Public texts 2**  
Explores philosophies and theories of publics through political, affective, and radical public texts. We will focus on concepts of publics in multiple historical contexts in order to put pressure on our ideas of what publics have been, what they are, and what they can be in the future. Prerequisite: ENGL 5005H.

## ELECTIVE COURSES

These courses focus on three general areas in the field of Public Texts. As a rule two topics in each of the three areas will be offered each year:

- ENGL 5100-series – Topics in the material and social production of texts
- ENGL 5200-series – Topics in the circulation of texts
- ENGL 5300-series – Topics in publics and texts

In addition, students may take up to 0.5 credit in one of the following.

- ENGL 5901H, a reading course in an area specifically related to a student's area of interest, assuming faculty availability
- a course offered by another graduate program at Trent University, to be determined on a case-by-case basis

### Topics in the Material and Social Production of Texts

- » **ENGL-HIST 5114H: Visual culture and the creation of publics in Modern America**  
This course explores visual images and public culture in the modern United States, examining how a wide range of visual texts – including photography, film, mass media, and modern art – shaped popular attitudes toward politics and foreign policy, intersected with social movements, and figured into various struggles over identity during the twentieth century.

### Topics in the Circulation of Texts

- » **ENGL 5201H: Morphing Victorian nature/the Victorian human**  
Darwin's discoveries and those of other Victorian scientists opened to Victorians a world of stunning complexity, unsettling understandings of a divinely ordered cosmos and the place of the human (and animal) within it. This course traces evolutionary ideas in Victorian culture through some of the key works which introduced these ideas to Victorians.
- » **ENGL 5203H: The life-cycle of Renaissance texts**  
In sixteenth-century England, publishers began to cater to popular taste, producing an unprecedented range of texts. We will examine the life-cycle of some of these texts: the transition from manuscript to print publication, the evolution of concepts of authorship and canonicity, and modern publication in / adaptation to new media.
- » **ENGL 5205H: Cultivating and producing the private for the public: print and visual texts of L. M. Montgomery, Emily Carr and P. K. Page**  
This course focuses on diverse forms of life writing, both visual and print texts, by L. M. Montgomery, Emily Carr and P.K. Page in order to study the transmission of the private to the public and ways in which the Canadian public has responded to cultures of female celebrity, eccentricity and diplomacy.

### Topics in Publics and Texts

- » **ENGL 5303H: Fiction as non-fiction, non-fiction as fiction: "authenticity" and "reality" in modern and contemporary narratives**  
Reading fiction generally demands that readers acknowledge that characters and events are pretend, not real. This course explores the problematic distinction between fictional and non-fictional modes of reading and writing, asking if the categories of "pretend" and "real" are viable and/or necessary. Is there such a thing as "semi-fictional" literary production/reception?
- » **ENGL-CSID 5501H: Identities: the Canadian body and the body politic**  
The course directly addresses a wave of identity politics and its controversial place even within seemingly identity-based movements. Readings on gender, queer theory and politics, disability, aging, and race will come from sociology and political science as well as cultural, literary and film studies.
- » **ENGL-TCPS 5504H: Subjects of desire**  
Please see the TCP website at [www.trentu.ca/theorycentre](http://www.trentu.ca/theorycentre) for current information about course offerings.

### Major Research Paper and Internship

- » **ENGL 5500: Major research paper**  
Approximately 50 pages, modeled on a scholarly journal article. It is supervised and assessed by a member of the English graduate faculty. The grade will be assigned by the supervisor and a second reader from the English graduate faculty.
- » **ENGL 5600: Internship**  
The Internship will be supervised by a member of the English graduate faculty and by a placement supervisor. The placement supervisor will submit a report at the end of the internship to the faculty supervisor and, assuming the report is satisfactory, the faculty supervisor will assign a grade based on a research essay of approximately 25 pages placing the Internship in the context of the student's research.

705-748-1011 ext. 7360 [els@trentu.ca](mailto:els@trentu.ca)

Fax: 705-748-1026 [www.trentu.ca/els](http://www.trentu.ca/els)

The Environmental & Life Sciences Graduate Program is an interdisciplinary program leading to either a MSc or a PhD degree in the natural sciences. It encompasses the disciplines of Biology, Environmental Chemistry, Environmental Sciences and Geography. The program serves as a broad umbrella for these disciplines, and aims to assist students in exploring aspects of environmental and biological science in an integrated way. The program draws from a diverse faculty from universities, non-government organizations, and government scientists. Four Canada Research Chairs and three NSERC Industrial Chairs are appointed to the program. Students do research primarily in an empirical tradition, both applied and basic. They are encouraged to concentrate on interdisciplinary topics and to utilize the range of expertise and resources of the faculty members in the program. The program also relies heavily on interaction with other institutions for collaborative research opportunities, seminar speakers, and external examiners.

The program offers instruction in six areas of emphasis:

- Cell Biology and Genetics
- Stress Physiology
- Physical Geography
- Trace Contaminant Toxicology and Chemistry
- Ecosystem Biogeochemistry
- Ecology and Conservation Biology

The aim of the program is to provide students with a background in the theory and practice of environmental and biological science that will enable them to function at a high level in a variety of work environments.

## Graduate Program Director

**J. Schaefer**, BSc (McGill), MSc (Manitoba), PhD (Saskatchewan)

## Faculty and Research Areas

### Biology

**C. Brunetti**, BSc, PhD (McMaster), *molecular biology of human poxviruses*.

**G. Burness**, BSc (Memorial), MSc (Brock), PhD (British Columbia), *animal energetics, avian physiological ecology*.

**M. Dorken**, BSc (Guelph), MSc (Queen's), PhD (Toronto), *plant evolution and reproductive strategies*.

**N. Emery**, BSc (Queen's), PhD (Calgary), *physiological ecology of plants*.

**J. R. Freeland**, BSc (Saskatchewan), M.Sc, PhD (Queen's), *molecular ecology, population and conservation genetics*.

**P. Frost**, BSc (Rochester), MSc (Ohio State), PhD (Arizona State), *biological stoichiometry in aquatic ecosystems (David Schindler Professor in Aquatic Science)*.

**C. Kapron-Bras**, BSc (Waterloo), MSc, PhD (McGill), *cellular and molecular mechanisms of embryonic toxicity and teratogenicity*.

**L. Kerr**, BSc, MSc (Carleton), PhD (British Columbia), *behavioural neuro-science, cellular mechanisms, cancer growth and chemotherapeutic efficiency*.

**C. Kyle**, BSc (Bishop's), MSc (Guelph), PhD (Alberta), *conservation and population genetics, molecular ecology*.

**D. Murray**, BSc (McGill), MSc (Alberta), PhD (Wisconsin), *mammal and amphibian ecology, population dynamics, behavioural ecology, predation, parasitism (Canada Research Chair in Terrestrial Ecosystem Science)*.

**E. Nol**, BSc (Michigan), MSc (Guelph), PhD (Toronto), *conservation ecology of birds*.

**B. J. Saville**, BSc (Guelph), MSc PhD (Toronto), *fungal genomics*.

**J. A. Schaefer**, BSc (McGill), MSc (Manitoba), PhD (Saskatchewan), *behaviour and population dynamics of terrestrial mammals*.

**J. Sutcliffe**, BSc (Waterloo), MSc, PhD (Toronto), *ecology and sensory physiology of biting flies*.

**B. N. White**, BSc (Nottingham), PhD (McMaster), *genetics, molecular biology, population genetics of small populations and endangered species, DNA forensic science, (Canada Research Chair in Conservation Genetics)*.

**P. Wilson**, BSc, MSc, PhD (McMaster), *evolutionary genetics, DNA profiling (Canada Research Chair in DNA Profiling, Forensics, and Functional Genomics)*.

**M. A. Xenopoulos**, BSc, MSc (Québec), PhD (Alberta), *global change and its effects on aquatic communities in lakes and rivers*.

**J. Yee**, BSc, MSc PhD (British Columbia), *molecular & biochemical parasitology*.

## Chemistry

**P. J. Dillon**, BSc, MSc, PhD (Toronto), *nutrient cycling, trace metals, acid precipitation studies* (NSERC Industrial Research Chair in Biogeochemistry).

**D. A. Ellis**, BSc (Glasgow), MSc (Aberdeen), MSc, PhD (Toronto), *Fluorine impacts on organic compounds and their effects on dissemination in the environment*.

**C. Gueguen**, MSc (Western Brittany), PhD (Geneva), *dissolved organic matter and trace metals cycling in aquatic systems* (Canada Research Chair in Aquatic Sciences and Biogeochemistry).

**H. Hintelmann**, BSc, MSc, PhD (Hamburg), *fate of metals in environment, bioavailability/speciation of metals and organometals, stable isotope methods and hyphenated ICP-MS techniques* (NSERC Industrial Research Jr. Chair in Environmental Modelling).

**S. Rafferty**, BSc (Waterloo), PhD (British Columbia), *environmental biochemistry*.

**A. Vreugdenhil**, BSc, PhD McGill, *Trace Contaminants, transformation of organic & norganic contaminants*

## Environmental &amp; Resource Science/Studies

**J. Aherne**, BA (Trinity College, Dublin), MAppSc, PhD (University College Dublin), *impacts and disturbance on aquatic and terrestrial ecosystems*.

**P. J. Dillon**, BSc, MSc, PhD (Toronto), *nutrient cycling, trace metals, acid precipitation studies* (NSERC Industrial Research Chair in Biogeochemistry).

**R. D. Evans**, BSc (Toronto), PhD (McGill), *environmental biogeochemistry, trace metal cycling*.

**M. Fox**, BA (Pennsylvania), M.E.Des. (Calgary), PhD (Queen's), *fish ecology, pond culture*.

**C. Furgal**, BSc (Western Ontario), MSc, PhD (Waterloo), *environmental health, planning and resource development, risk management and communication, and Arctic Indigenous issues*.

**M. Havas**, BSc, PhD (Toronto), *acid precipitation, toxicity of metals and acidification*.

**B. E. Hickie**, BScAgr. (Guelph), MSc, PhD (Waterloo), *environmental toxicology, pharmacokinetic modelling*.

**T. Hutchinson**, (Emeritus), BSc (Manchester), PhD (Sheffield), FRSC, *forest decline, terrestrial impacts*.

**D. Mackay**, BSc, PhD (Glasgow), (Emeritus NSERC Industrial Research Chair in Environmental Modelling).

**C. D. Metcalfe**, BSc (Manitoba), MSc (New Brunswick), PhD (McMaster), *aquatic organic contaminants*.

**R. Ponce-Hernandez**, BEng (Universidad, Chapingo), MSc (Colegio de Postgraduados), DPhil (Oxford), *geographical information systems applied to suitability and impact assessments in agricultural and forest ecosystems*.

**M. Sharifi**, BSc, MSc, PhD (Isfahan University of Technology), *Sustainable agriculture, nutrient management*.

**D. Wallschlager**, MSc (Bochum), PhD (Bremen), *speciation of anion-forming trace meta(loid)s, particularly arsenic, selenium and chromium, in natural and industrial environments*.

**S. Watmough**, BSc (Liverpool Polytechnic), PhD (Liverpool John Moores), *impacts of acid rain, climate change, nutrient depletion, forestry and metals on forest and lake ecosystems*.

**T. H. Whillans**, BA (Guelph), MSc, PhD (Toronto), *fisheries, wetland ecology, renewable resource management*.

## Geography

**J. M. Buttle**, BA (Toronto), PhD (Southampton), *hydrology, fluvial geomorphology*.

**J. G. Cogley**, MA (Oxford), MSc, PhD (McMaster), *hydrology, fluvial geomorphology*.

**C. Eimers**, BSc (Toronto), MSc (Trent), PhD (Waterloo), *soil processes, water quality, hydrology and climate change*.

**S. E. Franklin**, B.E.S., MA, PhD (Waterloo), *GIS*

**P. M. Lafleur**, BSc (Brandon), MSc (Trent), PhD (McMaster), *forest-atmosphere energy interactions, impacts of climatic change*.

**C. L. McKenna Neuman**, BSc (Queen's), MSc (Guelph), PhD (Queen's), *process geomorphology, mechanics of sediment transport, periglacial/coastal aeolian geomorphology*.

## Anthropology

**J. Conolly**, BA (Toronto), MA, PhD (London), *spatial ecology & conservation biology, palaeoecology*.

## Adjunct Professors

**K. F. Abraham**, BA (Toronto), MSc (Iowa), PhD (Queen's), *wetlands, waterfowl and wetland bird species* (Ontario Ministry of Natural Resources).

**N. Belzile**, BSc, MSc, PhD (Quebec), *speciation and behaviour of toxic trace elements in aquatic systems*.

**D. V. Beresford**, BEd (Queen's), BSc, PhD (Trent).

**J. Bowman**, BSc (Queen's), MSc (Laurentian), PhD (New Brunswick), *spatial population ecology, landscape ecology, ecology of mammal and bird populations* (Ontario Ministry of Natural Resources).

**D. Burke**, BSc (Western Ontario), PhD (Trent), *forest and avian conservation and ecology* (Ontario Ministry of Natural Resources).

**G. Copp**, BSc (Trent), PhD (France), *geographical variations in life-history traits of native & non-native fishes*

**R. J. Cornett**, BSc (Toronto), PhD (McGill), *interactions of radioisotopes with ground water and lakes* (Atomic Energy of Canada).

**J. C. Davies**, BSc (Carleton), PhD (Queen's), *caribou, moose habitat, wetland creation* (Ontario Ministry of Natural Resources).

**E. S. Dunlop**, BSc (Guelph), PhD (Toronto).

**M.-J. Fortin**, BSc, (Montreal), MSc (Montreal), PhD (State University, New York) *spatial ecology* (University of Toronto)

**T. Harner**, BSc (Toronto), PhD (Toronto), *Hazardous Air Pollutants, fate & transport of organic pollutants* (Ministry of Environment)

**B.E. Hickie**, BSc (Guelph), MSc (Waterloo), PhD (Waterloo), *environmental toxicology, pharmacokinetic modelling (Trent University)*.

**N. Jones**, BSc (Guelph), PhD (Alberta), *fish habitat and the productive capacity of aquatic ecosystems*.

**N. P. Lester**, BA, MSc (Queen's), DPhil (Sussex), *fish ecology and fisheries science; life history traits and population dynamics of fish; effects of fish harvesting on aquatic ecosystems*.

**N. Mandrak**, BSc, MSc, PhD (Toronto), *biogeography, biodiversity and conservation biology of freshwater fishes (Department of Fisheries & Oceans)*.

**G. Mastromonaco**, BSc, MSc, PhD (Guelph), *reproductive biotechnologies, stress hormone analysis*.

**L. A. Molot**, BSc, MSc (Toronto), PhD (Alaska), *photochemical control of carbon dynamics in lakes, modelling nutrient and carbon movement through the boreal landscape (York University)*.

**J. J. Nocera**, BSc (Connecticut), MSc (Acadia), PhD (New Brunswick) *species-at-risk, conservation biology, behavioural ecology (Ontario Ministry of Natural Resources)*

**D. R. Norris**, B.E.S. (Waterloo), MSc (York), PhD (Queen's).

**M. E. Obbard**, BA (Western Ontario), MSc, PhD (Guelph), *black bear populations (Ontario Ministry of Natural Resources)*.

**B. Patterson**, BSc (New Brunswick), MSc (Acadia), PhD (Saskatchewan), *dynamics of vertebrate predator-prey systems (Ontario Ministry of Natural Resources)*.

**B. Pond**, BA (York), MA, PhD (Queen's), *response of wildlife populations and ecosystems to anthropogenic disturbance, private land development (Ontario Ministry of Natural Resources)*.

**J. C. Ray**, BSc, MSc (Stanford), PhD (Florida), *conservation of wildlands and large mammals (Wildlife Conservation Society Canada)*.

**S. M. Reid**, BSc (Calgary), MSc, (Trent), PhD (Trent) *aquatic endangered species (Ontario Ministry of Natural Resources)*.

**M. D. Ridgway**, BSc (Miami), MSc (British Columbia), PhD (Western Ontario), *aquatic ecosystem science (Ontario Ministry of Natural Resources)*.

**E. Sager**, BSc, PhD (Trent), *climate change, pollution, forest and lake ecosystems*.

**K. Somers**, BSc (Waterloo), MSc (Toronto), PhD (Western Ontario), *aquatic science, zoology, environmental monitoring and assessment (Ontario Ministry of the Environment)*.

**N. Stock**, BSc, MSc, PhD (Waterloo), *trace contaminants, organic contaminants*.

**C. C. Wilson**, BSc (Queen's), MSc (Windsor), PhD (Guelph), *evolutionary ecology and biogeography of freshwater organisms, (Ontario Ministry of Natural Resources)*.

**Q. Xie**, BSc (Wuhan, China), MSc (Beijing), PhD (Saskatchewan), *trace elements and isotopes as environmental tracers (Trent Water Quality Centre)*.

## Research Associates

**G. S. Brown**, MSc (Laurentian), PhD (Guelph) *population ecology of large mammals (Ontario Ministry of Natural Resources)*.

**W. Crins**, BSc (Guelph), MSc, PhD (Toronto), *ecological gap analysis, protected area system design (Ontario Ministry of Natural Resources)*.

**T. Frasier**, BSc (North Dakota), PhD (McMaster), *behaviour, ecology, conservation, and population genetics of marine mammals*.

**M. N. Futter**, BSc (London), MSc (Salford, Manchester UK), PhD (Trent).

**M. O. Hammill**, BSc (Guelph), MSc, PhD (McGill).

**T. J. Haxton**, BSc (Guelph), MSc (Trent), PhD (Ottawa) *aquatic science (Ontario Ministry of Natural Resources)*,

**J. F. Koprivnjak**, BSc, MSc, PhD (Atlanta, Georgia). *Spatial and temporal characterization of dissolved organic matter in natural waters*.

**R. Metcalfe**, BA, MA (Wilfrid Laurier), PhD (Queen's), *basin-scale runoff processes in cold regions, GIS and remote sensing applications in hydrology (Ontario Ministry of Natural Resources)*.

**S. Nadin-Davis**, BA (Cambridge, UK), MSc (Dalhousie), PhD (Ottawa), *molecular epidemiology (Canadian Food Inspection Agency)*.

**H. Olechowski**, BSc (Guelph), Research Director, Hyland Seeds, Blenheim, Ontario.

**T. Pratt**, BSc (Manitoba), MSc, PhD (Trent), *fish ecology, fish-habitat association, sea lamprey control (Department of Fisheries and Oceans)*.

**A. Persaud**, BSc, MSc, PhD (Trent), *foodweb ecology, limnology, anthropogenic impacts on freshwater ecosystems*.

**J. D. Reist**, BSc (Calgary), MSc (Edmonton), PhD (Toronto).

**A. I. Schulte-Hostedde**, BSc (Western Ontario), MSc (Guelph), PhD (Western Ontario) *behavioural and evolutionary ecology (Laurentian University)*.

**J. Winter**, BSc (Liverpool, UK), MSc (Manchester, UK), PhD (Waterloo), *human/aquatic system interactions, nutrient modeling, landscape analysis (Ontario Ministry of Environment)*.

**C. Whitfield**, BSc, MSc, PhD (Trent), *catchment hydrochemistry, applied biogeochemistry*.



## REGULATIONS

The general regulations and requirements for graduate degrees at Trent University apply to the Environmental & Life Sciences Graduate Program. Application for admission should be received by February 1 for consideration for scholarships, bursaries and teaching assistantships for Fall admission into the program. A small number of students are admitted in January and May. Applicants should hold an undergraduate Honours degree in Biology, Environmental Chemistry, Environmental Science or Geography. Students must have a supervisor before acceptance in the program. One of the ENLS core-courses (ENLS 5100H, 5200H, 5300H, 5400H, 5500H, or 5600H) is compulsory for all first-year MSc students. Students without training in advanced statistics are strongly recommended to take ENLS 5001H as well. Students are permitted to take a maximum of one half-credit reading course (ENLS 5090H) or (for MSc students) one Senior undergraduate course (ENLS 5095H). Candidates for the MSc degree will be required to complete the equivalent of 1.5 course credits and to submit a thesis on an approved topic that relates to the interests of a member of the faculty.

Prospective PhD students will normally have a MSc degree. Applicants who have achieved excellent standing at the Honours baccalaureate level, and who wish to proceed directly to Doctoral study will enroll initially as a Master's student. If the student achieves a superior academic record and shows particular aptitude for research, the Graduate Studies Committee, on the recommendation of the Environmental & Life Sciences Graduate Program Executive, may authorize conversion to the PhD program without completion of the MSc degree. In addition to the thesis, candidates for the PhD degree will be required to complete 1.0 credit, but may not count any of the ENLS core courses (ENLS 5100H, 5200H, 5300H, 5400H, 5500H, 5600H) as one of those credits.

For both degrees, the thesis is expected to include the results of an original investigation. PhD candidates must undertake a candidacy examination within the first 16 months of study. The examination will establish, to the satisfaction of the program, that the student has an effective grasp of her/his research area. Degree candidates (MSc and PhD) have the option of submitting their thesis either in the "traditional" or "manuscript" format. Candidates must pass an oral examination in defence of their thesis research. Students must attain at least a B- (70%) in all course work to remain registered in their program. The expected time for completion is two years for the MSc, four years for the PhD, and five years for those who convert to the PhD program before completion of the MSc

## FINANCIAL SUPPORT

Full financial support is provided (minimum of six terms or the equivalent of two years of study for full-time MSc students and nine terms or the equivalent of 3 years of study for full-time PhD students) in the form of teaching assistantships, research assistantships and/or scholarships. Candidates are encouraged to apply for external scholarships on their own behalf. Information on scholarships is available from the School of Graduate Studies.

For further information on financial support for graduate students, please refer to the graduate studies website: [www.trentu.ca/graduatestudies/financialsupport.php](http://www.trentu.ca/graduatestudies/financialsupport.php).

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**Not all courses will be available every year. Please consult [www.trentu.ca/els](http://www.trentu.ca/els) for information on courses that will be offered for the upcoming academic year.**

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## CORE COURSES

- » **ENLS 5100H: Cell biology and genetics**  
This core course, which may serve as the mandatory half credit required by all first year MSc students, will challenge participants to examine their philosophy of science with particular reference to their own research in cell biology and genetics. Students also present and defend their research proposals. This credit may not be taken in addition to any of the other ENLS core courses. Excludes WEGP 500H.
- » **ENLS 5200H: Stress physiology**  
This core course, which may serve as the mandatory half credit required by all first year MSc students, will challenge participants to examine their philosophy of science with particular reference to their own research in stress physiology. Students also present and defend their research proposals. This credit may not be taken in addition to any of the other ENLS core courses. Excludes WEGP 500H.
- » **ENLS 5300H: Ecology and conservation biology**  
This core course, which may serve as the mandatory half credit required by all first year MSc students, will challenge participants to examine their philosophy of science with particular reference to their own research in ecology and conservation biology. Students also present and defend their research proposals. This credit may not be taken in addition to any of the other ENLS core courses. Excludes WEGP 500H.
- » **ENLS 5400H: Current themes in physical geography**  
This core course, which may serve as the mandatory half credit required by all first year MSc students, will challenge participants to examine their philosophy of science with particular reference to their own research in physical geography. Students also present and defend their research proposals. This credit may not be taken in addition to any of the other ENLS core courses. Excludes WEGP 500H.

» **ENLS 5500H: Trace contaminant toxicology and chemistry**

This core course, which may serve as the mandatory half credit required by all first year MSc students, will challenge participants to examine their philosophy of science with particular reference to their own research in trace contaminant toxicology and chemistry. Students also present and defend their research proposals. This credit may not be taken in addition to any of the other ENLS core courses. Excludes WEGP 500H.

» **ENLS 5600H: Ecosystem biogeochemistry**

This core course, which may serve as the mandatory half credit required by all first year MSc students, will challenge participants to examine their philosophy of science with particular reference to their own research in ecosystem biogeochemistry. Students also present and defend their research proposals. This credit may not be taken in addition to any of the other ENLS core courses. Excludes WEGP 500H.

## ELECTIVE COURSES

» **ENLS 5001H: Research design and data analysis**

The course will emphasize advanced statistical techniques for use in field and laboratory studies, including applications of linear and non-linear models, analysis of variance and multivariate statistics. This course is strongly recommended for students who have not taken an advanced statistics course (e.g. analysis of variance, multivariate statistics) as an undergraduate. An introductory statistics course is required as a prerequisite. Excludes BIOL-ERSC 4030H (303H).

» **ENLS 5040H: Fisheries assessment & management**

Principles and practices of fisheries assessment and management, including an examination of management problems in freshwater and marine fisheries from an ecological, socio-economic and policy perspective. Topics include stock assessment techniques, stocking and fertilization, management of warmwater and coldwater species, and local management initiatives. This course is offered in conjunction with ERSC 4240H with an additional review paper.

» **ENLS 5006H: The geochemistry of natural waters**

This course examines the chemistry of freshwater systems, focussing on chemical and physical processes leading to changes in water quality. The emphasis is on the concentrations and distributions of contaminants. Topics include watershed contributions of chemicals, acidification and the carbonate system, weathering, redox chemistry, trace metals and synthetic organic contaminants. Excludes ERSC-BIOL-GEOG 4060H (406H).

» **ENLS 5009H: Trends in ecology and evolution**

This course examines developments in ecology, behaviour and evolution, based upon the current journal literature. Topics include sexual selection, game theory, optimality and assessing biodiversity and ecosystem stability. Students will take an active role in the presentation of course material. Specific choice of topics to be determined by course participants. Students should have taken one course in animal behaviour and ecology. A familiarity with population genetics, ecology and basic evolutionary theory will be assumed.

» **ENLS 5012H: Introduction to environmental models and modelling**

Development, verification and application of models, human construct to help better our understanding of real world systems, is fundamental to scientific research. The course examines key principals and processes of model development and application, offering students an introduction to modelling through exploration of the stages in the 'modelling processes'.

» **ENLS 5013H: Topics in molecular ecology**

An introduction to molecular tools and methods for studying individuals and populations, as well as some example applications. The course includes discussion of seminal and current relevant literature. Students will lead and participate in discussion of published papers, present seminars, and write a review paper on a selected topic.

» **ENLS 5014H: Fish ecology**

This course explores literature and methods in the study of ecological processes in fish populations and communities as well as the current research of participating faculty. Topics include processes shaping riverine fish communities, scale and sampling issues in study design, habitat, fish community dynamics and conservation biology issues in Ontario. Excludes BIOL 3140H (314H).

» **ENLS 5015H-AMOD 5510H: Statistical aspects of modelling**

An intensive study of the application of statistical techniques to research questions and designs, introducing the use of software for data entry, data management, and statistical analysis. Topics include: multiple regression, logistic regression, analysis of variance techniques (and analysis of covariance), factor analysis, discriminant function analysis, and structural equation modelling.

» **ENLS 5026H: Wetland restoration and creation**

This is a seminar course that explores the global literature on wetland restoration and creation. The course will compare explicitly the technological and ecological experiences with different wetland types and situations, in order to determine opportunities and limitations. At least one field trip will be required. The course assumes a basic knowledge of wetland ecology and is designed for students who have taken a first course in wetland biology or who have equivalent experience.

» **ENLS 5027H: Ecological applications of GIS and spatial analysis**

This course focuses on practical and theoretical issues in applying GIS and spatial analysis to the natural sciences, particularly animal ecology. Topics may include spatial experimental design, geo-referencing systems, data management, landscape ecology, derivation of surfaces and analysis of point patterns, spatial associations and animal habitat use patterns. Knowledge of multivariate statistics is a prerequisite for the course. Enrollment is limited.

- » **ENLS 5028H: Communicating science**  
Emphasis in this course is on technical science writing for peer-reviewed journals and giving effective presentations to both scientific and non-scientific audiences. In addition to strategies and styles of writing and presenting, issues pertaining to authorship, language and journal selection are discussed. Recommended for graduate students in their final year of study. This is a half credit course that runs the entire academic year. The course is offered alternate years.
- » **ENLS 5030H: Advanced aquatic geochemistry**  
The course focuses on geochemical factors affecting inorganic contaminants, reflecting research interests of participants. Topics include: sources of dissolved organic compounds and their role in mobilization and fate of metals and metalloids, trace metal speciation, thermodynamics vs. kinetics, reactions on solid surfaces, equilibrium modeling, critical load models, and whole ecosystem fate models. It is assumed that participants have had an introductory course in geochemistry or aquatic chemistry.
- » **ENLS 5031H: Molecular genetic techniques and analyses**  
The Natural Resources DNA Profiling & Forensic Centre provides a unique opportunity to study molecular genetic techniques in the context of genotyping through automated and robotic technology. This course covers principles of molecular genetic techniques through manual protocols relating to automated processes; analyses of DNA profiles and sequences generated from an automated dataflow.
- » **ENLS 5039H: Spatial and temporal statistics for natural resources**  
This course examines both the theoretical underpinnings and the practical application of spatial and temporal statistical analysis methods and their integration into an analytical framework applicable to various spatial and temporal data sources for natural resource assessment and management. Practical data analysis exercises are part of the course.
- » **ENLS 5040H: Fisheries assessment & management**  
Principles and practices of fisheries assessment and management, including an examination of management problems in freshwater and marine fisheries from an ecological, socio-economic and policy perspective. Topics include stock assessment techniques, stocking and fertilization, management of warmwater and coldwater species, and local management initiatives. This course is offered in conjunction with ERSC 4240H with an additional review paper.
- » **ENLS 5041H: Understanding Riverine Systems**  
Understanding riverine hydrology, ecology & field methods measuring chemical, physical & biological parameters. Lectures examine, the importance of water to First Nations, how river systems function within landscapes, influence of river dynamics & human impact, protection of drinking water & planning. Students will measure basic hydrologic parameters & sampling invertebrates.
- » **ENLS 5043H: Ecosystem acidification**  
This course will focus on the factors that cause ecosystem acidification, the chemical and biological effects, biogeochemical cycles that are altered by acid deposition, critical loads of sulphur and nitrogen, and recovery processes in lakes and catchments. Both terrestrial and aquatic ecosystems will be included. The focus will be on modelling, including both steady-state and dynamic models. Prerequisite: fourth year geochemistry.
- » **ENLS 5044H: Experimental and observational approaches to ecology**  
This course examines how ecologists answer questions. It emphasizes aquatic ecology, but is helpful for other areas of ecology. Experimental and observational approaches are covered including a range of methods from beakers, limnocorals, to whole lake studies and modelling. Guest speakers present different approaches and students consider and discuss their own research.
- » **ENLS 5046H: Conservation genetics**  
This course will cover a range of genetics topics relating to conservation biology. Students will be expected to lead and participate in discussions of published papers and write a review paper or analysis on a selected topic. Students need some background in population genetics and familiarity with molecular genetic marker systems.
- » **ENLS 5047H: Population genetics**  
This course will cover a range of topics within population genetics: its applications, history, evolution and research applications. There will be discussions of seminal and current literature and their applications. Students will be expected to lead and participate in discussion of published papers, present seminars, and write a review paper on a selected topic.
- » **ENLS 5077H: Ecological physiology of animals**  
This course explores current topics in animal physiology. Content reflects the interests of participants, but may include: stress, diving and high altitude physiology, endothermy, fasting in natural populations and freeze tolerance. Students present seminars, write a review paper on a selected topic, and lead and participate in discussions of published papers. Students are assumed to have a familiarity with basic concepts of physiology and evolution.
- » **ENLS 5085H: Population viability analysis**  
Population viability analysis is a rigorous method for evaluating the current and future status of populations, and assessing the efficacy of management and conservation measures for promoting population persistence. This course explores PVA methods for population census and demographic data, emphasizing the theory and application of developing population projection models.

- » **ENLS 5088H: Mass spectrometry**  
An Introduction to the nature, thermochemistry, and dynamics of gaseous ions in magnetic and electric fields. Operating principles of modern dynamic, multiple sector mass spectrometers will be discussed together with other analytical techniques. Collision processes between gaseous ions and neutral species, and important application areas in environmental and/or biomedical fields will be explored.
- » **ENLS 5090H: Reading course**  
This course is available for graduate students who wish to receive instruction on a more discipline-specific basis. The format of the course is designed by the student in consultation with the supervisor or supervisory committee. Written justification for the course must be made to the Program Director and must be arranged before registration for the course. The reading course can be a literature review or a small research project. Under exceptional circumstances, and subject to program approval, a student may register under the ENLS 5090H to take a course from another academic institution for credit. Excludes ENLS 5095H.
- » **ENLS 5095H: Senior undergraduate course**  
This course is offered to students wishing to take a 3000- or 4000-level undergraduate course at Trent for graduate credit. Students will normally undertake all the regular course requirements, as well as a supplementary graduate-level assignment (to be arranged with the course instructor), worth at least 15% of the final grade. Students must obtain the prior written permission of the course instructor and the Program Director. Excludes ENLS 5090H. This course is open to MSc students only.
- » **ENLS 5099H: Special topic course**  
Courses may be offered in a variety of areas as a way of introducing students to new subject matter, research techniques or methodologies. After one year these courses will be reviewed for inclusion in the regular program curriculum.

748-1011, ext. 6270

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Fax: 748-1018

[www.trentu.ca/historyma](http://www.trentu.ca/historyma)

The History MA program at Trent offers students research opportunities in six fields of study covering a wide-range of geographic, temporal, and theoretical interests: *Colonialism and Conflict*, *Regional and Trans-National History*, *Social and Cultural History*, *Iberian-American History*, *Canadian History*, and *European History*. This intellectual breadth, Trent's commitment to small group teaching and fostering close mentoring relationships between faculty and graduate students, ensure a high-quality graduate student experience.

The Program affords students the personal attention and flexibility they need to achieve their academic goals and gives them an opportunity to pursue the full range of the historian's craft. Graduates of the MA program will be well prepared to pursue either doctoral studies in history or professional careers that build on historical expertise.

The program combines course work and an intensive research project. Students can choose between two program streams. The "Course-Based" Stream will require students to take the required full-credit Core Course and four half-credit courses, and write a Major Research Paper. In the "Thesis-Based" Stream the students will take the Core Course and two half-credit courses, and write a longer Research Thesis. The Core Course on theory, historiography, and methodology will provide students with a thorough grounding in historical issues, methods, theories, and debates. This course will also enable graduate students to interact on a weekly basis, fostering collegiality and intellectual exchange.

## Graduate Program Director

**F. Dunaway**, BA (North Carolina), PhD (Rutgers)

## Faculty and Research Areas

### History

**D. Anastakis**, BA (Western Ontario), MA, PhD (York), *20th century Canadian and US economic, business and political history, post-World II trade, government and politics.*

**O. Andriewsky**, BA (Brown), MA, PhD (Harvard), *Russia as empire, national identity and imperial discourse.*

**A. Bialuschewski**, PhD (Kiel), *pirates and piracy, early modern Atlantic history.*

**M. Boulby**, BA (Queen's), MA (London), PhD (Toronto), *modern Middle East, Palestinian women, Palestinians in Israel.*

**A. Cazorla-Sánchez**, PhD (Granada), *modern Spanish and trans-national history, fascism and dictatorships.*

**C. Dummitt**, BA (Trent), MA (Dalhousie), PhD (Simon Fraser), *modern Canadian, gender, social and cultural history, masculinity.*

**C. Durand**, BEd (Québec à Chicoutimi), BA, MA (Montréal), PhD (McGill), *Québec history, from 1867 to the present, from social, cultural and political perspectives; and food history, 1880-1980.*

**F. Dunaway**, BA (North Carolina), PhD (Rutgers), *modern United States, cultural and environmental history, visual culture.*

**I. Elbl**, BA, MA (Charles), MA, PhD (Toronto), *late medieval Portugal and overseas expansion, late medieval emotions, values, attitudes.*

**H. Elton**, BA (Sheffield), PhD (Oxford), *Late Antiquity, Roman and Byzantine Empires.*

**F. Harris-Stoertz**, BA (Calgary), MA, PhD (California), *medieval social history, in particular high medieval adolescence, pregnancy and childbirth.*

**B. W. Hodgins**, (Emeritus), BA (Western Ontario), MA (Queen's), PhD (Duke), *Canadian North, Aboriginal history, Canada and Australia, canoe travel history.*

**J. Hurl-Eamon**, BA (Western Ontario), MA (Queen's), PhD (York), *early modern social history, with focus on England, in particular gender, plebeian family, crime and criminal justice.*

**E. H. Jones**, (Emeritus), BA (Saskatchewan), MA (Western Ontario), PhD (Queen's), *colonial America, United States from the revolution to the civil war, Anglicans and political culture, Peterborough (Ontario).*

**C. Kay**, BA (Toronto), MPhil (Oxford), MA, PhD (Yale), *Imperial Germany, social and cultural, with a focus on bourgeois children and parenting.*

**J. Miron**, BA (McGill), MA, PhD (York), *cultural and social history, 19th and 20th century Canada, women, sexuality, medicine and crime.*

**V. Nguyen-Marshall**, BA (Dalhousie), MA, PhD (British Columbia), *colonial Vietnam, in particular poor relief, public sphere and civil society, gender and cultural identities in colonial societies.*

**D. M. K. Sheinin**, BSc (Toronto), MA, PhD (Connecticut), *Latin American history (particularly Argentina and Bolivia), USA, with emphasis on foreign relations.*

**K. Siena**, BA (SUNY), MA (Rochester), PhD (Toronto), *early modern British history, with special interest in medicine, sex and disease, urban poverty and social welfare.*

**S. D. Standen**, (Emeritus), BA (British Columbia), MA (Oregon), PhD (Toronto), *early colonial Canada, French-Aboriginal relations, Public history and history museums.*

**T. J. Stapleton**, BA (Memorial), MA, PhD (Dalhousie), *Southern Africa and Zimbabwe, resistance to colonial conquest, ethnic identity, war and society, oral tradition as historical evidence.*

**G. Taylor** (Emeritus), BA, PhD (Pennsylvania), *modern business and American history.*

**K. Walden**, BA, MA, PhD (Queen's), *modern Canada, social, cultural and intellectual history, special interest in the development of consumer culture, historical meaning of symbols, myths, and rituals.*

**R. A. Wright**, BA (Trent), MA, PhD (Queen's), *modern Canadian intellectual, cultural and political history, Cuban-Canadian relations.*

#### Canadian Studies

**J. E. Struthers**, MA (Carleton), PhD (Toronto), *modern Canada, particularly social welfare, aging and care giving, labor history, multiculturalism.*

#### Environmental Studies

**S. Bocking**, BSc, MA, PhD (Toronto), *History of the environmental sciences, in Canada, Great Britain, and the United States; Great Lakes fisheries research; roles of expertise in public policy; environmental history; environment and development issues.*

#### Gender and Women's Studies

**J. Sangster**, BA (Trent), MA, PhD (McMaster), *North American women, women and wage labour after World War II, working class, aboriginal women.*

#### Associate Faculty

##### Anthropology

**J. R. Topic** (Emeritus), BA, MA, PhD (Harvard), *Andean archaeology and ethnohistory; Complex societies, warfare, and urbanism; Spatial models, regional analysis, and field methods.*

##### Cultural Studies

**R. Dellamora**, (Emeritus), A.B. (Dartmouth College), BA (Cambridge), MPhil, PhD (Yale). *Victorian England, literature, gender, sexuality, especially the cultural construction of masculinities; critical theory.*

**I. Junyk**, BA (Western Ontario), MA (Queen's), PhD (Chicago), *memory and history, modernism and the avant-garde; classicism and myth, in particular classicism in interwar Paris.*

**D. Panagia**, PhD (Johns Hopkins), *history of political theory, modern and post-structuralist theories of value.*

#### Geography

**A. Brunger**, (Emeritus), BSc (Southampton), MSc (Calgary), PhD (Western Ontario), *historical geography, particularly comparative settlement of British immigrant groups in South Africa and Ontario.*

#### REGULATIONS

The general regulations and requirements of Trent University for the MA degree apply to this graduate program.

Students are normally admitted into the Program once a year for studies beginning in the following September. The History Graduate Program Committee will begin the selection process immediately following the application submission date of February 1. Applications received after this date will be accepted and considered for funding until all available positions/spaces are filled.

Students must attain at least a B- (70%) in all course work to remain registered in their program. For further details, see [Failed Course Policy](#).

#### ENTRANCE REQUIREMENTS

Applicants to the MA program normally will be expected to have completed a BA Single or Joint Major Honours Degree in History, with a minimum 80% (GPA 3.67 on the 4 point scale) average in the last ten undergraduate credits. Additional considerations:

- Availability of the appropriate faculty as instructors, supervisors and committee members.
- Appropriateness of the applicant's previous education and training.
- Feasibility of the applicant's proposed course of study and project.
- Availability of appropriate academic resources (library, interlibrary, online, archival, oral, etc).
- Command of appropriate language/s by the applicant.

#### PROGRAM STRUCTURE AND OPTIONS

Both full-time and part-time MA students may choose between two program streams:

- **Stream One (Course-Based).** Students must complete the Core Course, four additional half-credit courses, and a Major Research Paper. The Major Research Paper will be modeled on a scholarly journal article. It will be approximately 30–50 pages long, excluding notes and bibliography.
- **Stream Two (Thesis-Based).** Students must complete the Core Course, two additional 0.5 credit courses, and a Research Thesis. The Thesis will be modeled on a short scholarly monograph with multiple chapters and will be assessed by an external examiner. The candidate will defend the Thesis before a committee of at least three faculty members including the external. The Thesis will be approximately 120 pages in length, excluding notes and bibliography.

Both the Major Research Paper and Thesis are expected to have an appropriate theoretical framework, discuss relevant historiography and make use of primary sources. A

supervisor will be appointed for both the Major Research Paper and Thesis. Students will select research topics for the Major Research Paper and Thesis in consultation with their supervisor.

### COURSE SELECTION

All students must complete the Core Course (HIST 5100: Theory, Historiography, Methodology). Elective courses should be chosen from within the students' declared "fields of study". (See below). Full courses will be taught over the normal academic year (September to April). Half-courses will be taught over one semester (September to December or January to April).

### COMPLETION TIME

**Full-Time Studies.** The minimum for program completion is one year (12 months). The maximum is three full years (as per University policy). While it is possible to complete both streams within one year, stream two (Thesis) may take 18 months to 2 years.

**Part-Time Studies.** Students may pursue their MA degree on a part-time basis. The minimum time for completion for part-time students in both streams will be two years and the maximum time is five years.

### FINANCIAL SUPPORT

Graduate Teaching Assistantships and Research Fellowships are available for all full-time students admitted to the Program. While the program will normally be completed in a calendar year, students in the Thesis stream (Stream Two) will be eligible for two consecutive years provided they are making acceptable progress on their research.

In addition to bursaries and scholarship available from Trent University, students contemplating application to the Program are urged to apply for an Ontario Graduate Scholarship and/or SSHRC/CGS Scholarship, as well as to additional external (non-university) funding agencies. Application materials for the OGS and SSHRC/CGS are available on-line and from the School of Graduate Studies at Trent University.

For further information on financial support for graduate students, please refer to the graduate studies website: [www.trentu.ca/graduatestudies/financialsupport.php](http://www.trentu.ca/graduatestudies/financialsupport.php).

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**Not all courses will be available every year. Please consult [www.trentu.ca/historyma/courses.php](http://www.trentu.ca/historyma/courses.php), for information on courses that will be offered for the upcoming academic year.**

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### CORE COURSE

#### » HIST 5100: The Historian's Craft: Historiography, Theory, Method

An introduction to historical concepts, the role of theory in historical research, the relationship between history and other scholarly disciplines, developments in historiography, research methods, and ways of practicing history. The course is compulsory for all History MA students.

### ELECTIVE COURSES

**Course-based Program.** Students are required to take four half-credit courses, in addition to the Core Course. See above.

**Thesis-based Program.** Students are required to take two half-credit courses.

Elective courses should be chosen from within the Field of Study students have identified in their application. Note each elective course corresponds to two or more fields of study.

#### » HIST-CSID 5102H: The study of aboriginal peoples in Canada: history and politics

This course examines the history of inter-cultural relations between Indigenous Peoples and the larger society. Topics may include early contact, the fur trade, the development of colonial policy, treaties, the reserve system, Indigenous decolonization movements, modern political dialogue for constitutional renewal and issues of land claims and self-government.

#### » HIST 5105H: Gender and women's history in North America

This course explores themes in North American gender history, with our primary focus on the 20th century, and on the debates, differing interpretations, and theories that have shaped the field.

#### » HIST 5118H: Themes in Canadian History

This course gives students a solid grounding in the broad sweep of Canadian history. New approaches and recent disciplinary and interdisciplinary debates will be explored, focussing on such themes as labour and the working class; politics and the state; diplomacy and business; society, race, culture and gender; and white-aboriginal relations.

#### » HIST-CSID 5202H: Approaches to the study of culture in Canada

The course investigates some of the major approaches that have been used to investigate and comprehend Canadian culture. Topics include "high" culture, popular culture, media, intellectual traditions, visual culture and cultural transgressions.

- » **HIST 5210H: Themes in Comparative Colonial History**  
With a stress on historiographies and historical methods, this course addresses economic, social, political, and cultural aspects of imperial rule and subject peoples under colonial authority. The approach is topical and may cover problems in race, gender, business, and social hierarchies.
- » **HIST 5220H: Themes in the Medieval and Early Modern World**  
This course explores topics in medieval and early modern history (pre-1800), including a range of methods, approaches, analyses of primary sources, and major historiographic debates that frame historians' work on this period, equipping students to draw historical conclusions about a place one historian termed "The World We Have Lost."
- » **HIST 5230H: Themes in Modern European History**  
This course will focus on the social, cultural, and political history of nineteenth and twentieth century Europe, with an emphasis on methods, approaches, and historiography. Topics will include war, revolution, dictatorship, genocide, and historical memory.
- » **HIST 5240H: Themes in Social and Cultural History**  
This course will consider innovative developments in social and/or cultural history. With an emphasis on methods, approaches, and interdisciplinary perspectives, the course may cover such issues as visual culture, gender, class, modernity, the environment, and transnational history.
- » **HIST-CSID 5301H: Policy, economy and society: themes in the state and political economy of Canada**  
This course will look at the complex web of relationships linking the economy, business, politics, the state, civil society and public policy in Canada and their interaction with social, political, and cultural life.
- » **HIST 5500: Major research paper (MRP)**  
The major research paper MRP will be modelled on a scholarly journal article. The MRP must address a specific analytical research question and make an original contribution in at least two of the following three areas: theory/theoretical framework, historiographical analysis or work using original data.
- » **HIST 5901H: Reading course**  
A course designed to provide opportunities for intensive study by an individual student in a particular field of the program. Approval of the relevant instructor and the department's graduate committee is required.



705-748-1011 ext. 7443 [indigenoustudiesphd@trentu.ca](mailto:indigenoustudiesphd@trentu.ca)  
Fax: 705-748-1416 [www.trentu.ca/indigenoustudiesphd](http://www.trentu.ca/indigenoustudiesphd)

The PhD program in Indigenous Studies was the first program of its kind in Canada and only the second in North America. It is interdisciplinary in nature and based on the integration of Indigenous and Western academic knowledge.

The program seeks to ensure that physical, mental, emotional and spiritual dimensions of Indigenous knowledge, as reflected in traditional and contemporary worldviews and expressed in practice, are articulated, discussed, documented, recognized and experienced.

In order to achieve this vision, the Indigenous Studies PhD program offers an educational opportunity at an advanced level of study within a respectful environment. Students will be engaged in learning experiences that are centred in Indigenous cultures in content and process and reflect the interaction between traditional and contemporary Indigenous knowledges within the academic context. It is an interdisciplinary program developed and sustained in partnership with Indigenous communities, which seek to advance learning through creative interaction of teaching, research and experience of the highest quality.

The program is a culturally based interdisciplinary program, which assumes an emic, or insider's, viewpoint rooted in Indigenous Knowledges, spirituality, principles and cultural values. It recognizes that Indigenous knowledges are as valid as the knowledge of Western-trained academics. It seeks to blend this knowledge as expressed by Indigenous Elders and Traditional Knowledge Holders, with Western academic perspectives. To this end the program brings together Indigenous and non-Indigenous students to study at an advanced level the historical, cultural and contemporary situation of Indigenous Peoples. Indigenous Elders and Traditional Knowledge Holders are central to the program.

The program aims:

- to advance Indigenous Studies as an interdisciplinary field of study through the rebuilding and recognition of Indigenous knowledge systems and the creation of knowledge which reflects Indigenous peoples experiences.
- to make available to students, at an advanced level, education in Indigenous Studies that will enable graduates to employ a range of experience and skills in the context of Indigenous communities, as well as in Indigenous and non-Indigenous organizations.
- to explore research methodologies that reflect Indigenous knowledge systems.
- to prepare students for careers in teaching, research, administration, business and government.

## Graduate Program Director

**P. Sherman**, (Algonquin), BA (Eastern Connecticut State), MA (Connecticut), PhD (Trent)

## Director of Studies

**D. Williams**, (Anishnaabe), BA (Trent)

## Indigenous Studies PhD Program Graduate Council

The PhD program is overseen by the Indigenous Studies PhD Program Graduate Council, which is composed of members of the Indigenous community, faculty, students and staff from Trent, and faculty from other universities.

## Faculty and Research Areas

### *Indigenous Studies*

**M. J. Castellano**, (*Emeritus*), (Mohawk), OC, O.Ont., BA (Queen's), M.S.W. (Toronto); LLD (Carleton, Queen's, St. Thomas), *Indigenous organizations, RCAP, Indigenous traditions of knowledge, Indigenous education, research ethics.*

**L. Davis**, BA (Queen's), MA (Sussex), MA (Alberta), PhD (Toronto), *Indigenous community development, alliance-building, globalization, Indigenous education, international studies.*

**M. S. Dockstator**, (Oneida), BSc (Waterloo), L.L.B., D. Jur. (York), *Indigenous self-government, Traditional Knowledge, law, constitutional development.*

**C. Furgal**, BSc (Western), MSc, PhD (Waterloo), *Indigenous health, environmental health, planning and resource development, risk management and communication, Arctic Indigenous issues.*

**D. Longboat**, (Roronhioke:wen), (Mohawk), BA (Trent), MES, PhD (York) *Native Studies, environmental issues, Haudenosaunee traditional teachings.*

**E. Manitowabi**, (*Emeritus*), (Anishnaabe Kwe) Mide.III, *Nishnaabemowin (Ojibway) language and culture, Indigenous women's studies, film and theatre, traditional knowledge.*

**D. N. McCaskill**, BA (Winnipeg), MA (Carleton), PhD (York), *Indigenous education, urbanization, justice and corrections, community development, self-government, international development.*

**N. McLeod**, (Cree), BA, MA (Saskatchewan), PhD (Regina), *Cree culture and history, oral history, Indigenous art, literature, political history, philosophy and religion, the history of Indigenous people of western Canada.*

**M. Mumford**, (Métis), BA (Alberta), MFA (Brandeis). *Indigenous Performance.*

**D. Newhouse**, (Onondaga), BSc, MBA (Western), *development of modern Indigenous societies, governance, economies.*

**P. Sherman**, (Algonquin), BA (Eastern Connecticut State), MA (Connecticut), PhD (Trent), *Indigenous histories, Indigenous Women, Indigenous relationships within the*

*Natural World, Colonialism and Resistance. Indigenous Performance.*

**S. Swamp**, (Mohawk), Wolf Clan Faithkeeper, BA (McMaster). *Indigenous Knowledge.*

**S. I. Williams**, (Emeritus), (Anishnaabe Kwe), BA (Trent), NLIP Dip. (Lakehead), MA (York), *Nishnaabemowin (Ojibway) language and culture, Indigenous residential schools, Indigenous women's studies, traditional knowledge, Indigenous identity development.*

#### Canadian Studies

**M. Lacombe**, BA (McGill), MA, PhD (York), *women's writing, postcolonial literature in Canada, diversity and Quebec/Francophone writing and culture.*

**J. E. Struthers**, MA (Carleton), PhD (Toronto), *social welfare, freedom of information, unemployment, long-term care, pension and old age security in Ontario.*

#### Education

**D. P. Berrill**, BA (Northwestern), MA (Toronto), PhD (East Anglia), *School of Education*

#### Geography

**M. Skinner**, BA (Wilfred Laurier), MA (Guelph), PhD (Queen's), *health, rural and social geography: rural ageing, sustainable rural communities, challenges facing the voluntary sector, health and social care, community-based research.*

#### Adjunct Faculty and Research Areas

**F. D. Abele**, BA (Calgary), MA, PhD (York), *public administration, public policy, the political economy of Indigenous peoples and peace issues.*

**K. Anderson**, BA (Toronto), MA (Toronto), PhD (Guelph), *Indigenous history, Indigenous women.*

**S. Brascoupé**, (Algonkian/Mohawk), MA (New York State), *history, Native economic development, education, business.*

**J. Burrows** (Anishinaabe), BA (Toronto), MA (Toronto), JD (Toronto), LLM (Toronto), PhD (Osgood Hall). *Indigenous Law and legal traditions.*

**M. Campbell** (Cree-Metis), Honorary Doctorates (Regina), (York), (Athabasca), *Indigenous history, literature and arts, Indigenous women.*

**H. Feit**, BA (Queen's), MA, PhD (McGill), *anthropology, renewable resources, land claims, environment and hunter-gatherer issues.*

**L. Fitznor**, BA (Manitoba), Med (Manitoba), PhD (OISE/Toronto) *Education.*

**R. W. Kimmerer** (Potawatomi), BA (SUNY), MA (SUNY), PhD. (Wisconsin). *Indigenous Knowledge, Indigenous Environmental Studies, plant botany.*

**L. Kuhn**, BEd (Monash), MENVSc (Monash), PhD (Deakin), *Environmental Studies, Management.*

**B. Loucks** (Anishnaabe), BA (Western), MEd (Toronto), *public administration, cultural research, curriculum development, language policy.*

**D. McNab**, BA (Waterloo), MA (McMaster), PhD (Lancaster).

**K. Richard**, BSW, MSW (Manitoba), *inter-cultural practices, child and family services.*

**L. Simpson** (Mississauga), BSc (Guelph), MSc, (Mount Allison), PhD Manitoba. *Indigenous governance, politics and treaties; Indigenous mobilization, resistance and resurgence; Indigenous women; Indigenous perspectives on the land; Indigenous Knowledge; Indigenist theory and methodologies; Indigenous environmental perspectives and philosophies.*

**J. Sheridan**, BIS (Waterloo), MA (California), EdM (Harvard), PhD (Alberta), *environmental sustainability and Indigenous peoples.*

**W. Wheeler** (Cree), BA (Manitoba), MA (British Columbia), PhD (Berkeley), *Indigenous History.*

**C. Williams**, BA (Simon Fraser), MA (Leeds), PhD (Rutgers), *US history, Indigenous women, Gender Studies, oral history.*

**P. Williams** (Haudenosaunee), BA, LLB (Western), LL.M. (York), *legal advisor, repatriation of cultural materials and ancestral remains, research, negotiation.*

#### REGULATIONS

The general regulations and requirements of Trent University for graduate degrees apply to the PhD program in Indigenous Studies. Students are admitted to the program once a year in September. To be eligible for admission, the applicant must possess a Master's degree or equivalent, with at least an upper second-class standing (B+, 77%). Ideally, applicants will possess a Master's degree in the field of Indigenous Studies. However, given the limited number of Master's programs available in Indigenous Studies, highly-qualified students from other disciplinary-based graduate programs will be considered for admission. In some cases, students without a background in Indigenous Studies will be required to enroll in a qualifying year program in Indigenous Studies to ensure an adequate academic background in Indigenous Studies.

The PhD program is a full-time program and does not currently have a part-time option. The PhD program has one field: Indigenous Knowledges: Peoples, Lands, Cultures. Students will be invited to indicate their area(s) of research emphasis within the one field in their application.

The PhD program has a two-year residency requirement during which students will enrol in 2.5 credits in the first year and 3.0 credits in the second year. All students will take INDG 6600, 6601, 6603H, 6700, 6701 and 6720H during the two-year residency. Students must complete all first year program requirements to begin second year courses. In addition students will choose either INDG 6715H: Bimaadiziwin/Atonhetersi:io Option or INDG 6730H in their second year. INDG 6730H will be followed by an area of emphasis comprehensive exam in June-August of the second year. An area of emphasis comprehensive examination, INDG 6750H (taken in June-August of second year) will follow INDG 6730H. Students who receive a failing mark in a required course will be asked to leave the program. Students who do not meet normal timelines in the program due to outside factors will be required to meet with the student performance committee and may be asked to leave the program.

Students must maintain a B+ average in all courses. Upon successful completion of the courses, students will write a

Core Comprehensive Examination (INDG 6740H) in Indigenous Studies consisting of an oral examination on *Indigenous Knowledges* and a take-home examination on the *Central Themes and Issues in Indigenous Studies*. Students will continue on after successfully completing the core examination to write a Core Comprehensive Emphasis Examination (INDG 6750H) or carry out the Bimaadiziwin/Atonhetseri:io option (INDG 6715H). Students normally do not elect to do both the emphasis exam and the Bimaadiziwin/Atonhetseri:io option. If a student does wish to do this, they must notify the program six months in advance. Students are expected to take comprehensive exams at the normally scheduled times. Students who fail a comprehensive exam may retake an exam one additional time. Students may not defer comprehensive exams. In situations where exams have been delayed by incomplete coursework, students must take the exam at the next scheduled date. Students who miss this deadline will be asked to meet with the student performance committee and may be asked to withdraw from the program.

The course and comprehensive examination components of the program will be followed by the creation of a dissertation proposal within six months of successful completion of the comprehensive examination (s). An examination committee must examine the dissertation proposal. The examination committee shall be made up of the supervisor and at least one member of the supervisory committee as well as a member who is external to the committee. A graduate faculty member who is outside the supervisory committee shall chair the proposal defence. Students must also submit an ethics application and undergo an ethics process that includes both REB and the INDG PhD Ethics. The ethics process can be simultaneous to the proposal defence process. Once these processes have been successfully completed, students move onto PhD Candidacy and the next phase of the program, which includes research, writing and defence of a PhD. dissertation (INDG 6800). The maximum time for completion of the PhD. degree is five years.

Dissertations will be supervised by a Dissertation Supervisor selected from Trent Graduate Faculty and a Supervisory Committee who have the expertise needed to provide guidance throughout the dissertation process. Graduate supervisory committee membership must consist of members who meet the School of Graduate Studies guidelines for supervision and membership.

Students will be required to demonstrate proficiency in a language other than English, preferably an Indigenous language. Proficiency in an Indigenous language may be demonstrated by either: passing an examination in an Indigenous language administered by the Indigenous Studies department, or by presenting a transcript with a grade of B or better in an Indigenous language course taken at an accredited university.

### FINANCIAL SUPPORT

Successful applicants to the Indigenous Studies PhD program will automatically be considered for a limited number of Indigenous Studies PhD scholarships when available and the Quaker Oats Company of Canada Limited Graduate Scholarship in Indigenous Studies. Scholarships will be awarded to students with high academic standing. The majority of students accepted

will be offered teaching assistantships, normally for a maximum of eight terms spanning four consecutive undergraduate academic years. In return for the stipend involved, the students are required to work for up to 10 hours per week, generally assisting with some aspect of the undergraduate teaching program. The stipend is fully taxable and deductions are made through the Human Resources department. Students are encouraged to apply for scholarships, particularly the Ontario Graduate Scholarship (OGS) and the Social Science and Humanities Research Council Doctoral Fellowships (SSHRC). The program also provides a small bursary to students to cover books and materials each year. Additionally, there is a small fund to assist students with dissertation research. The deadlines for each fund are available from the program assistant.

For further information on financial support for graduate students, please refer to the graduate studies website: [www.trentu.ca/graduatestudies/financialsupport.php](http://www.trentu.ca/graduatestudies/financialsupport.php).

### COURSES AVAILABLE TO GRADUATE STUDENTS: Indigenous Studies

**Not all courses will be available every year. Please consult [www.trentu.ca/indigenoustudiesphd](http://www.trentu.ca/indigenoustudiesphd), for information on courses that will be offered for the upcoming academic year.**

#### First Year Courses

- » **INDG 6600: Graduate seminar in Indigenous knowledge**  
The course examines theories of Indigenous Studies from interdisciplinary and experiential perspectives focusing on the nature of Indigenous thought as expressed through oral tradition, written texts and other sources. Indigenous Elders and Traditional people will participate extensively in the course. Required of all students.
- » **INDG 6601: Graduate seminar in Indigenous Studies theory and research methods**  
The course presents students with theoretical, methodological and ethical issues related to conducting research in Indigenous communities. Indigenous and Western approaches to the construction of knowledge are examined, with a view to developing distinctive Indigenous theories, approaches and methods. Required of all students.
- » **INDG 6603H: Graduate seminar in Indigenous thought**  
Indigenous scholars have become an important aspect of the intellectual landscape in Indigenous Studies and a few other disciplines. Over the last few decades, Indigenous scholarly writing has emerged in a number of fields: politics, social theory, philosophy, history to name a few. This course examines this emerging literature. Required of all students.
- » **INDG 6625H: Language course requirement**  
This course is intended for students who have not met the language requirement before admission to the Indigenous Studies PhD program and who need to enrol in a language course that is offered at Trent at the undergraduate level.

» **INDG 6630H: Special topics reading course**

This is a reading course for students who have come from the Frost Centre Masters program and who took INDG 6603H at the MA level. Students are required to maintain the same course load as other students in the PhD cohort. This course will allow them to maintain the same course load with the option of taking a reading course that serves their particular need in the program.

### Second Year Courses

» **INDG 6700: Practicum field placement**

Students work with an Indigenous community or organization, with a focus on community or organizational needs. The practicum should be approximately 200 hours, either full-time (five weeks) or part-time, two days per week and is normally carried out in the summer following the first year or in the first term of the second year of study. Practicums should be completed by the end of the second fall term. Required of all students.

» **INDG 6701: Dissertation research course**

This course is designed to support students in developing an appropriate plan to carry out research for their dissertation. Students work through the various stages of proposal development. Required of all students.

» **Dissertation Proposal Examination**

Once students have developed their dissertation proposal and it has been approved by their supervisor and supervisory committee, it must be examined by the Dissertation Proposal Examination Committee. The Committee will determine whether the student has a viable research proposal and the potential for completion of the degree.

» **INDG 6715H: Bimaadiziwin/Atonhetseri:io**

This experiential option requires students to participate in a significant Indigenous cultural experience such as apprenticing with an Elder for a substantial period of time. The course will entail students being supervised and examined by a Council of Elders. Students may be required to audit an undergraduate course in the Indigenous Studies department concurrently with the Bimaadiziwin/Atonhetseri:io option (e.g., INDG 2110: Indigenous identity development; INDG 2200: Iroquois culture; or INDG 3100: Culture and community).

» **INDG 6720H: Readings in Indigenous Studies (Core Comprehensive Examination)**

This course is intended to assist students in preparing for the Core Comprehensive Examination. Students use the IS PhD Core Comprehensive Exam Bibliography as a minimum basis for preparation. This class meets fortnightly. Required of all students.

» **INDG 6730H: Readings in Indigenous Studies (Area of Emphasis Comprehensive Exam)**

This course will be taken by students who want an area of emphasis outside INDG 6715H Bimaadiziwin/Atonhetseri:io option. Students who take this course will go on to write a comprehensive examination in their area of emphasis. This course is a reading course supervised by a graduate faculty member in preparation for a comprehensive examination.

» **INDG 6740H: Core Comprehensive Examination**

Students will register for this once they have completed all coursework and are ready to take the core comprehensive examination. This allows the core comprehensive examination to appear on a student transcript.

» **INDG 6750H: Area of Emphasis Comprehensive Exam**

Students will register for this once they have completed all coursework and have taken the core comprehensive examination. This allows the area of emphasis comprehensive examination to appear on a student transcript. Note: Students taking INDG 6715H do not take this examination.

### Third Year Course

» **INDG 6800: Dissertation**

Students are required to conduct original research and complete a PhD dissertation that is judged to be a mature and original contribution to knowledge. A PhD student must successfully defend her/his dissertation in an oral examination before a Dissertation Examining committee. The maximum time for completion of the PhD degree is five years.

### Thesis Supervision

Theses will be supervised by a Dissertation Supervisor selected from the Core Faculty and a Supervisory Committee.

705-748-1011, ext. 7245 [materials@trentu.ca](mailto:materials@trentu.ca)  
Fax: 705-748-1154 [www.trentu.ca/materialsscience](http://www.trentu.ca/materialsscience)

This graduate program is offered jointly by Trent University and UOIT and leads to the degrees of Master of Science (MSc) in Materials Science or PhD in Materials Science. Materials Science is a broad multi-disciplinary area of science; its goal is the understanding and prediction of the properties of matter. This requires the development of experimental and theoretical predictive tools applicable to size scales ranging from the molecular to the macroscopic levels. The field lies at the intersection of physics and chemistry, and includes many sub-fields, including nanotechnology, electronic materials, surface science, biomaterials, and materials characterization. The program provides both a broad and integrated overview of materials science and the opportunity for in-depth study of a particular problem emphasizing either theory or experiment, under the guidance of a thesis advisor and a multi-disciplinary team of faculty from Trent University and UOIT. The program will be comprised of coursework and a thesis.

## Graduate Program Director

**A. J. Vreugdenhil**, BSc (Queen's), PhD (McGill)

## Faculty and Research Areas

### Trent Faculty

#### Chemistry

**I. Svishchev**, MSc (Moscow State), PhD (USSR Academy of Sciences), *theoretical and experimental investigation of supercritical water and its many applications including SCW-oxidation technology.*

**A. J. Vreugdenhil**, BSc (Queen's), PhD (McGill), *development and characterization of hybrid organic-inorganic materials for applications in sensors, coatings and interface modification.*

#### Physics & Astronomy

**W. A. Atkinson**, MSc (Alberta), PhD (McMaster), *computational and theoretical models of high temperature superconductors and strongly correlated electronic materials.*

**S. Narine**, B.Sc (Trent), MSc (Trent), PhD (Guelph), *biomaterials precursor synthesis, formulation and materials characterization.*

**R. C. Shiell**, B. A. (Oxford), PhD (Newcastle upon Tyne), *atomic, molecular and optical physics, the manipulation of quantum states using laser radiation.*

**A. Slepko**, BSc (Brock), MSc (Alberta), PhD (Alberta), *photonic characterization and imaging of biomaterials.*

**R. Wortis**, BSc (Harvard), MSc, PhD (Illinois at Urbana Champaign), *condensed matter theory.*

### Adjunct Faculty and Research Associates

**M. Illes**, BSc (Trent), MSc (Trent), *forensic crime scene investigation.*

**M. G. K. Thompson**, BSc (Trent), PhD (Queen's), *physical chemistry of transition metals and ionic species.*

### UOIT Faculty

#### Science

**D. Bonetta**, BSc, MSc, PhD (Toronto), *biologically based materials derived from plant and bacterial sources.*

**Y. Bolshan**, BSc (Waterloo), PhD (Toronto), *novel methodologies for the synthesis of unnatural motifs and their incorporation into known pharmaceutical agents.*

**A. Chkrebti**, MSc (Kiev State University), PhD, (Institute of Semiconductor Physics, Kiev), *computational quantum physics of the solid state and its surfaces.*

**J. P. Desaulniers**, PhD (Wayne State), *chemical biology and structure-function relationships of novel biomaterials.*

**B. Easton**, BSc, PhD (Memorial), *structure-property relations of inorganic-organic hybrid materials developed for fuel cells and electrochemical systems.*

**F. Gaspari**, BSc (Bologna), MSc, PhD (Toronto), *materials and devices research and development of amorphous silicon and carbon, and nano-crystalline materials.*

**F. Naumkin**, MSc (Moscow State Physics & Engineering Institute, Russia), PhD (General Physics Institute, Russian Academy of Sciences), *computational nanoscience; ab initio-based studies of nanometer-scale polyatomic systems.*

**I. Tamlyn**, PhD (Dalhousie), *nanoscale material science for renewable energy applications, electronic structure theory and high performance computing.*

**L. Trevani**, PhD (Buenos Aires), *hydrothermal chemistry and applications of supercritical fluids in materials science.*

#### Engineering

**R. Pop-Iliev**, BSc (Skopje), MSc, PhD (Toronto), *design and development of innovative technologies for the manufacture of cellular materials and composites.*

**G. Rizvi**, B.E. (Karachi), MS (San José), MSc, PhD (Toronto), *reinforced wood composites with superior mechanical properties, development of extrusion processing, technology for manufacture of fine-celled plastic/wood.*

#### Energy Systems and Nuclear Science

**B. Ikeda**, BSc (Manitoba), MSc (Guelph), PhD (Newcastle upon Tyne), *electrochemistry, corrosion, corrosion mechanisms related to nuclear systems, particular for nuclear fuel waste disposal.*

**M. Kaye**, BSc (Toronto), MSc (Queen's), PhD (Queen's), *applied thermodynamics high temperature materials chemistry, aqueous chemistry and corrosion, nuclear materials, chemical metallurgy, and welding processes.*

## REGULATIONS

The general regulations and requirements of Trent University for graduate degrees apply to the MSc and PhD in Materials Science. Students are normally admitted into the program once a year for studies beginning in the following September. The normal requirement for admission is an average of at least B+ (77%, GPA 3.3). The Graduate Programs Selection Committee will begin the selection process in the weeks following the application submission date of February 1. Applications received after this date will be accepted and considered for funding until all available positions/spaces are filled. Entrance to the program in January or May of any calendar year is considered on a case by case basis.

The formal requirements for the MSc degree in Materials Science are the following:

- a) Each student must complete the core course MTSC 6010H.
- b) Each student must complete either MTSC 6020H or MTSC 6140H.
- c) Each student must attend and successfully complete the non-credit courses MTSC 6000H in the first year of the program and MTSC 6100H prior to their thesis defense.
- d) At least two additional one-term courses acceptable for graduate credit must be completed with at least a 70% final grade in each course. Normally, courses taken for credit are those designated as Graduate Courses within the program. One of the four courses may be a fourth-year undergraduate course, approved by the student's supervisor and the graduate program director.
- e) The student must meet with his/her supervisory committee within the first six months of registration, and subsequently at least once every twelve months. The committee consists of the student's supervisor and at least two other faculty members in the program; each supervisory committee must include at least one faculty member from each institution.
- f) An acceptable thesis on a research topic must be submitted. Detailed specifications of the format of the thesis are available from the Graduate Studies Office. Acceptance of the thesis requires the approval of an Examining Committee following an oral defence of the thesis. The Examining Committee for a Trent student normally consists of at least three faculty members: an external examiner, one supervisory committee member from UOIT, and the supervisor.

Applicants to the PhD program will normally have an MSc degree in an applicable discipline. The suitability of the applicant's background will be assessed on a case by case basis. The formal requirements for the PhD degree in Materials Science are the following:

- a) Each student must complete at least two one-term courses at the graduate level with at least a 70% final grade in each course.
- b) The student must meet with his/her supervisory committee within the first six months of registration and subsequently at least once every twelve months. The committee consists of the student's supervisor and

at least two other faculty members in the program; each supervisory committee must include at least one faculty member from each institution.

- c) Each student must successfully complete an oral qualifying examination, normally at the beginning of their second year of study. This exam includes a written research proposal of approximately 10 pages describing the research to be undertaken, related previous literature and the primary techniques used in the research. The student will present their proposal to their supervising committee.
- d) An acceptable thesis on a research topic must be submitted. Detailed specifications of the format of the thesis are available from the Graduate Studies Office. Acceptance of the thesis requires the approval of an Examining Committee following an oral defence of the thesis. The Examining Committee for a Trent student normally consists of at least three faculty members: an external examiner, one supervisory committee member from UOIT, and the supervisor

### Transfer from the MSc Program to the PhD Program

Materials Science MSc students may transfer directly to the PhD program after completing one academic year and their first progress report in the MSc program if the following conditions are met:

- 1) completion of at least three courses in the master's program with at least an A- average
- 2) strong evidence of research ability as identified by the supervisory committee

For students who transfer, the minimum number of courses taken during their graduate work in the two programs must be six one-term courses. Details on the transfer process are available from the program office.

### FINANCIAL SUPPORT

Funding will be made up of Graduate Teaching Assistantships, Research Fellowships and Research Assistantships. Students will be eligible for support, provided they are making acceptable progress on their research, for two consecutive academic years for MSc students and for three consecutive years for PhD students.

In addition to bursaries and scholarships available from Trent University, students contemplating application to the program are urged to apply for an Ontario Graduate Scholarship and/or a NSERC Scholarship as well as to additional external (non-university) funding agencies. Application materials for the OGS and NSERC are available online and from the School of Graduate Studies at Trent University.

For further information on financial support for graduate students, please refer to the graduate studies website: [www.trentu.ca/graduatestudies/financialsupport.php](http://www.trentu.ca/graduatestudies/financialsupport.php).

## COURSES AVAILABLE TO GRADUATE STUDENTS

Proposed progression through the MSc program

Year 1, Semester 1: MTSC 6000H, MTSC 6010H, 1 elective, Thesis Research

Year 1, Semester 2: MTSC 6020H, 1 elective, Thesis Research

Year 1, Semester 3: Thesis Research

Year 2, Semester 1: Thesis Research

Year 2, Semester 2: Thesis Research and Writing

Year 2, Semester 3: MTSC 6100H, Thesis Research, Writing and Defense

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**Not all courses will be available every year. Please consult the program director for information on courses that will be offered for the coming academic year.**

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» **MTSC 6000H: Graduate seminar in science communication I**

This course will assist students in developing essential communication skills. A series of oral and written exercises will each be followed by constructive review by both peers and faculty. Evaluation will focus on clarity, precision and the care with which the audience is guided to the presenter's objective. Non-credit.

» **MTSC 6010H: Physics and chemistry of materials**

This course examines the fundamental principles and concepts used by physicists and chemists to describe materials. It covers scientific and practical interrelations between traditional disciplines emphasizing the structure, and physical and chemical properties of all classes of materials. Prerequisite: Students should have completed at least one full-year of study in each of undergraduate physics, chemistry, and mathematics.

» **MTSC 6020H: Advanced topics in materials science**

This course will present a range of current topics based on research from the primary literature. There is extensive student participation including topic proposals, presentations, literature reports and in-class discussion. Prerequisite: MTSC 6010H or permission of the instructor.

» **MTSC 6100H: Graduate seminar in science communication II**

This course will further the students' communication skills. Students will present a 30 minute research talk on their research to all participants in the program. Speakers will receive peer and faculty reviews of their presentations. Non-credit.

» **MTSC 6110H: Thermodynamics and statistical mechanics of materials**

A comprehensive investigation of thermodynamics and statistical mechanics of materials. Including phase transitions, order-disorder phenomena, point defects in crystals, and the statistical thermodynamics of interfaces.

» **MTSC 6120H: Theory of the solid state**

This course develops the theoretical foundations of a variety of condensed matter systems from a mathematical perspective. Prerequisite or co-requisite: MTSC 6010H, 6110H.

» **MTSC 6130H: Surface science and catalysis**

This course covers the fundamental science required to understand the atomic and electronic structure of surfaces and their chemical reactivity and the most common tools for surface characterization. Prerequisite: MTSC 6010H.

» **MTSC 6140H: Experimental techniques in materials characterization**

A techniques oriented course covering high resolution experimental solid-state characterization including both theory and operational aspects of bulk, surface and molecular characterization.

» **MTSC 6240H: Biomaterials**

An introduction to natural materials and their applications including properties of animal and plant originating materials as well as manipulation of naturally occurring materials to produce novel materials.

» **MTSC 6250H: Polymer science & engineering**

The course introduces the fundamental characteristics of polymers, visco-elasticity and non-Newtonian fluid mechanics. It describes the effects of temperature, crystallinity and diffusivity on polymer processing and properties. Prerequisite: MTSC 6010H.

» **MTSC 6260H: Topics in materials science I**

This course will focus on topics that may vary depending on the interests of the students and the availability of faculty. Some suggested topics are Nanotechnology, Optical Applications, Electrochemistry and Mass Transport in Fuel Cells.

» **MTSC 6270H: Topics in materials science II**

This course will focus on topics that may vary depending on the interests of the students and the availability of faculty. Some suggested topics are Nanotechnology, Optical Applications, Electrochemistry and Mass Transport in Fuel Cells.

705-748-1011 ext. 7719 [psychologygrad@trentu.ca](mailto:psychologygrad@trentu.ca)

Fax: 705-748-1580 [www.trentu.ca/psychologymamsc](http://www.trentu.ca/psychologymamsc)

The Psychology MA/MSc program at Trent is a two-year program offering an emphasis on health, developmental, cognition, perception and neuroscience. The master's program leads to the degree of Master of Arts (MA) or Master of Science (MSc) depending on the sub-discipline. The program has three distinct fields of study: Health, Developmental, and Cognition/Perception/ Neuroscience. This research intensive program serves both as a natural stepping stone to doctoral students and also as sound preparation for those who seek careers in health, science or communications-related fields.

**Health.** Health Psychology is a field of study concerned with the psychological, social, cultural and behavioural factors that influence overall health and well-being, as well as the impact of stress and illness on the individual. Specific foci within our program include affect regulation, analysis of health care, social and attachment relationships, cross-cultural relations, communication, family dynamics, dreams, emotional intelligence, human sexuality, personality and psychopathology, psychosocial oncology, and stress and coping.

**Developmental.** Developmental Psychology is a field of study that examines maturational processes and experiences on behaviour. Age-related behavioural change is examined across a broad range of topics including: acquisition of language, attachment relationships, conceptual understanding, development of motor skills, identity formation, problem solving abilities, and psychosocial functioning. Specific foci within our program include life-span development, attachment, language, culture, and cognitive development.

**Cognition/Perception/Neuroscience.** This combined area of Psychology examines how neural and mental processes guide our behaviour and how these processes are constrained by the body and the environment. These areas of research examine questions about the workings of attention, behavioural neuroscience, creativity, knowledge representation, language, memory, reasoning, problem solving, and perception. Specific foci within our department include attention and reading, memory and cognition, sleep, vision, neural development, and stressor reactivity. This field of study is among the fastest growing areas in psychology.

## Graduate Program Director

**D. J. Kennett**, BA, PhD (McMaster)

## Faculty and Research Areas

### Psychology

**B. Bauer**, MA, PhD (Waterloo), *visual cognition, attention and psychophysics*.

**L. Brown**, BSc, MSc, (Waterloo), MS PhD (Pennsylvania State), *cognitive neuroscience; sensorimotor control*.

**M. Chan-Reynolds**, BSc (Trent), MA, PhD (York), *computational modeling of cognitive processes*.

**R. Coughlan**, MA, PhD (Victoria), *health services, power, justice, bullying*.

**T. DeCicco**, B. Sc., (Manitoba), MSc (Trent), PhD (York), *personality, abnormal psychology and health*.

**T. P. Humphreys**, MA (Wilfrid Laurier), PhD (Guelph), *psychological aspects of human sexuality*.

**N. Im-Bolter**, MA, PhD (York), *language and cognitive functioning*.

**D. J. Kennett**, BA, PhD (McMaster), *resourcefulness, coping and health outcomes*.

**L. Kerr**, BSc, MSc (Carleton), PhD (British Columbia), *psychosocial influence on illness/disease*.

**H. Lehmann**, MSc, (Alberta), PhD (Concordia), *neurobiology, brain, memory, and emotion*.

**M. Liu**, MEd (Shanghai), MA, PhD, (Western Ontario), *social development from a cultural perspective*.

**G. Navara**, MA (Laurier) PhD (Guelph), *family development, cross-cultural/cultural psychology*.

**E. Nisbet**, MA, PhD (Carleton University), *environmental personality, mental health (happiness), sustainable behaviour*.

**J. D. A. Parker**, BA (Simon Fraser), MA, PhD (York), *stress and coping, personality and psychopathology*.

**K. Peters**, MA, PhD (British Columbia), *'neuroethics, enhancement, and dementia'*.

**E. Scharfe**, B. A. (Western Ontario), MA, PhD (Simon Fraser), *attachment across the lifespan*.

**B. Smith-Chant**, BA (Trent), MA, PhD (Carleton), *child cognition, literacy and math skills*.

**L. Summerfeldt**, MA, PhD (York), *personality and psychopathology*.

## Adjunct Faculty and Research Areas

**F. O'Hagan**, MSc (McMaster), PhD (Toronto), *rehabilitation and health psychology*.

**G. T. Reker**, (Emeritus), BA (McMaster), MA Sc., PhD (Waterloo), *personal meaning, successful aging*.

**C. T. Smith**, (Emeritus), BSc (Manitoba), MA, PhD (Waterloo), *relationship between sleep and memory*.

**B. Visser**, MA, PhD (Brock), *personality and individual differences*.



## ADMISSIONS

Applicants to the MA/MSc program will normally have completed a BA or BSc honours degree in Psychology from a recognized university, with an overall average of at least B+ (77%, GPA 3.3) in the last 10 credits or equivalent (or two years of full-time study) and an average of A- (80%, GPA 3.7) in Psychology courses. General and subject-specific GRE scores are recommended, but not required.

Admissions to the M.A/MSc program are based on the availability of appropriate faculty as instructors, supervisors and committee members, feasibility of the applicant's proposed course of study and research project, appropriateness of the applicant's previous education and training.

Students are normally admitted into the Program once a year for studies beginning in September. The Psychology Graduate Program Committee will begin the selection process immediately following the application submission date of February 1. Applications received after this date will be considered if unfilled spaces remain.

## PROGRAM REQUIREMENTS

Course-based instruction will involve a series of statistical and field-specific courses that are typically completed during the first year. A research-based thesis will start in the first year and will be completed during the second year. The thesis provides the opportunity for student to further their scientific training by acquiring valuable hands-on experience using a variety of methodological, statistical, and/or laboratory techniques. Students will participate in the seminar courses (PSYC 5801H and PSYC 5802H) for the entire two years of the program. Students must attain at least a B- (70%) in all course work to remain registered in their program. A final grade standing at less than a B- will be assigned a grade of F and will preclude continuation in the Psychology Graduate Program. For further details, see [Failed Course Policy](#).

### Year 1

Students participate in a year-long seminar course (PSYC 5801H), enroll in Advanced univariate statistics (PSYC 5016H) in the fall and choose one of Advanced multivariate statistics (PSYC 5017H) or Advanced qualitative analysis (5120H) offered in either the fall or winter semester. Two additional half-credit courses (totalling 1.0 credit) must be completed. Students will also be expected to begin their thesis research.

### Year 2

Students participate in a year-long seminar course (PSYC 5802H) and complete their thesis.

## FINANCIAL SUPPORT

All eligible full-time students admitted may receive financial support from a variety of sources including Research Fellowships, Graduate Teaching Assistantships (GTAs), scholarships and bursaries. The GTAs involve a maximum of four terms (two academic years) of teaching and related work within the department. For further information on financial support for graduate students, please refer to the graduate studies website: [www.trentu.ca/graduatestudies/financialsupport.php](http://www.trentu.ca/graduatestudies/financialsupport.php).

## EXTERNAL FUNDING

Students applying to the program are encouraged to apply for external scholarships including the Ontario Graduate Scholarship (OGS), a NSRC Scholarship, and/ or a SSHRC Scholarship. Application deadlines and further information regarding external scholarships can be found on the graduate studies website.

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**Not all courses will be available every year. Please consult [www.trentu.ca/psychologymamsc](http://www.trentu.ca/psychologymamsc), for information on courses that will be offered for the upcoming academic year.**

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In the event that a listed course is unavailable, a Special Topic course, under the guidance of an individual faculty member, may be substituted.

- » **PSYC 5016H: Advanced univariate statistics**  
This course provides a detailed examination of univariate statistics, including t-tests, analysis of variance including between-subjects designs, random effects and various mixed designs, multiple comparison and trend analyses, correlation, nonparametric statistics, power, effect size (typically offered in the Fall semester).
- » **PSYC 5017H: Advanced multivariate statistics**  
This course provides a detailed examination of multivariate statistics, including MANOVA, MANCOVA, multiple regression, principal component and exploratory factor analysis, path analysis and structural equation modeling, including confirmatory analysis (typically offered in the Winter semester).
- » **PSYC 5120H: Advanced qualitative analysis**  
This course provides a detailed examination of the main theoretical contributions to qualitative research methods including feminist research practices, Grounded Theory, Interpretative Phenomenology, Discursive Psychology, and Foucauldian analytical techniques as well as the scientific practices used to elucidate and analyze qualitative data (typically offered in the Fall semester).
- » **PSYC 5130H: Critical Psychology**  
This course examines embedded theoretical and methodological assumptions of mainstream psychology and how the generation of such knowledge products support particular political and ideological goals. We will discuss alternative conceptions and subjects more consistent with an emancipatory world view including ethics, critical theory, personality, community, justice, feminist theory and gay perspectives. (Typically offered in the Winter Term.)

- » **PSYC 5170H: History of Psychology**  
This course is designed to give students an overview of the historical and philosophical foundations of modern psychology, defined broadly as humanity's attempts to understand itself. The course explores the development of the discipline from prehistory through the 21st century within a broader intellectual and cultural context. (course offering subject to approval)
- » **PSYC 5225H: Cognitive neuroscience techniques**  
This course provides a critical overview of the different techniques that are used in cognitive neuroscience research (e.g., electrophysiology). In addition to learning the theories behind these techniques, there is also a strong hands-on component in which the students are required to collect data using these techniques.
- » **PSYC 5240H: Advanced neuroendocrinology**  
This course provides an in-depth examination of the interactions between the central nervous and endocrine systems focusing on the limbic-hypothalamic-adrenal-pituitary axis. The course studies the control of hormone release at each level of the axis, including neurotransmitter modulation and steroid feedback during both homeostatic and stressor-induced states. In addition, the relevance of the effects of stressors on the neuroendocrine systems, disease, and behaviour is considered.
- » **PSYC 5300H: Mental health**  
This course examines contemporary research on emotional and mental health, as well as advanced theoretical, methodological, and applied issues. Topics include affect regulation, conceptualizations of mental health and disorder, and models of causes (including etiological, protective, mediating, and maintaining variables) of psychopathologies and their implications for empirically-supported psychological treatments.
- » **PSYC 5460H: Perception and cognition**  
This course examines human perception and cognition. Particular emphasis is given to understanding (1) the critical findings and methods employed to study perceptual (e.g., perception for action) and cognitive (e.g., language and mathematics) abilities, and (2) human knowledge representation. We consider how long-running debates (e.g., modular vs. distributed processing) and themes [the role of awareness and the role of embodiment] have influenced our understanding of each research area.
- » **PSYC 5500H: Human development**  
This course explores theory and research in the area of developmental psychology, including an emphasis on contemporary applications. Research topics include family dynamics, child and adolescent development, and the impact of culture on human development. Students are also exposed to current theory and methodologies.
- » **PSYC 5520H: Literacy, numeracy, and development**  
This course explores theory and research in the area of the development of, and relationship between, literacy and numeracy, including an emphasis on typical as well as atypical development, underlying mechanisms, impact on other areas of development, related and/or associated disorders, assessment, intervention, and outcomes.
- » **PSYC 5560H: Relationships and Health**  
This course explores theory and research methodology in the area of personal relationships and health, emphasizing the influence of attachment relationships on health and wellness. Topics include influence of family and peer attachment relationships on physiology and physiological development, health promotion and health risk behaviours, and risk of disease and disease progression.
- » **PSYC 5760H: Social dimensions of human sexuality**  
A social psychological examination of human sexuality. Both social psychology and human sexuality are shaped by broader social contexts. Historical, cultural, interpersonal, and intrapersonal understanding shape our current knowledge about sex and sexuality. The focus is on the integration of social psychology and research with social aspects of human sexuality.
- » **PSYC 5801H, 5802H: Research seminar in psychology**  
The research seminars in psychology provide students with practical issues and hands-on experience related to their academic work. Course objectives include: (a) providing a collegial setting in which students can develop essential communication skills for scholarly and professional discourse, (b) providing an opportunity for sharing research findings and discussing current research plans, (c) stimulating discussion about recent or on-going research projects, research methodologies, and future research possibilities; and (d) providing constructive suggestions to students who are finalizing research plans for a thesis or preparing to present results of their research in the department or at a conference. The research seminars are required courses for all graduate students in Psychology.
- » **PSYC 5990Y, 5991H, 5992H: Specialized reading course**  
Organized by individual instructors following approval by program.

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[sustainabilitystudies@trentu.ca](mailto:sustainabilitystudies@trentu.ca)

[www.trentu.ca/sustainabilityma](http://www.trentu.ca/sustainabilityma)

The MA in Sustainability Studies develops leaders in the field who can actively advance research and practice in critical sustainability-based challenges, such as environmental protection, resource conservation and positive social change. The curriculum involves a customized individual Study Plan for each student, consisting of a balance of core and elective courses. Student can elect to undertake either a strong academic focus (thesis) or a more applied approach to their studies (major-research paper). Graduates of this discipline will find opportunities in a number of realms, from academia to industry, to government and non-profit sector. Students will be encouraged to have an impact on the future policies and practices within their chosen field, or pursue further studies at the doctoral level.

## Graduate Program Director

**A. Zohar**, BA, MES, PhD (York)

## Faculty and Research Areas

### Business Administration

**J. Bishop**, BA (New Brunswick), MA MBA (McMaster), PhD (Edinburgh), *business ethics, ethics and capitalism, rights and for-profit corporations.*

**R. Dart**, BSc (Trent), MES, PhD (York), *organizational theory, community economic development, field methods.*

**D. Newhouse**, (Onondaga), BSc, MBA (Western), *development of modern Indigenous societies, governance, economies.*

**T. Phillips**, BSc (Trent), MA (York), PhD (New School for Social Research), *sustainability and economic models, economic growth, community economic development.*

**S. Simola**, BA, BSW (McMaster), MA (Queen's), MBA (Wilfrid Laurier), PhD (Queen's), *care ethics, ethics in individual decision-making, ethics in corporate governance, education and ethics/sustainability*

**M. Wallace**, BAS. (Guelph), C.A., MEd (OISE/Toronto), PhD (Saint Mary's), *organizational theories and behavior, socialization of professionals/professional identity, financial accounting.*

**A. Zohar**, BA, MES, PhD (York), *organizational change and sustainability, education and sustainability, societal learning for sustainability across sectors.*

### Education

**P. Elliott**, BSc, PhD, PGCE (Wales), *science education and literacy, biodiversity education, environmental education.*

### Environmental & Resource Science/Studies

**S. Bocking**, BSc, MA, PhD (Toronto), *environmental history, history of science, science in Canadian society.*

**S. Hill**, BSc, BA (Queen's), PhD (Calgary), PEng, *environmental policy, risk management, climate change, impact assessment, environmental auditing and indicators.*

**D. G. Holdsworth**, BSc (Waterloo), MSc (McMaster), PhD (Western Ontario), *risk analysis, nuclear regulation, science policy, environmental.*

**T. Hutchison**, (Emeritus), BSc (Manchester), PhD (Sheffield), FRSC *sustainable agriculture and food systems, acid rain and air pollution impacts, heavy metal and sulphur dioxide effects.*

**R. C. Paehlke**, (Emeritus), BA (Lehigh), MA (New School for Social Research), PhD (British Columbia), *Canadian and comparative environmental policy, history of North American environmental movement, Canadian public policy in global perspective.*

**S. Rutherford**, BA (University of Toronto); MSc (University of Guelph); PhD (York University), *political ecology, environmental justice, animal studies.*

**T. H. Whillans**, BA (Guelph), MSc, MSc, PhD, (Toronto) *bioregionalism, community-based natural resource management, ecological restoration, historical ecology, wetlands, watersheds and lakes.*

### Geography

**M. Skinner**, BA (Wilfred Laurier), MA (Guelph), PhD (Queen's), *health geography: welfare state restructuring, challenges facing the voluntary sector, health and social care in the community.*

### Indigenous Studies

**C. Furgal**, BSc (Western Ontario), MSc, PhD (Waterloo), *Environmental health impact assessment; environmental health risk management, assessment, and communication; mixed methods and involvement of indigenous knowledge and western science in environment and health studies; Aboriginal and circumpolar health and environmental change (e.g., contaminants, climate change and food security).*

**D. Longboat**, Rononhiakewen, (Haudenosaunee), BA (Trent), MES, PhD (York), *Native Studies, environmental issues, Haudenosaunee traditional teachings.*

**D. Newhouse**, (Onondaga), BSc, MBA (Western Ontario), *from the tribal to the modern – the development of modern Indigenous societies in North America, governance and economies.*

### Philosophy

**K. Norlock**, BA (Northern Illinois), MA, PhD (Wisconsin-Madison), *ethical theory and moral practice in conflict resolution, environmentalism, gender, and sociopolitical change.*

### Politics

**D. Torgerson**, BA (California-Berkeley), MES (York), MA, PhD (Toronto), *green political theory, critical policy studies*

### Psychology

**R. Coughlan**, MA PhD (Victoria), *health services, power, justice, bullying, qualitative analysis.*

**E. Nisbet**, MA PhD (Carleton), *environmental personality, mental health (happiness), sustainable behaviour.*

**J. D. A. Parker**, BA (Simon Fraser), MA, PhD (York), *personality and affect regulation.*

**L. Summerfeldt**, MA, PhD (York University), *personality and mental health*

### Physics & Astronomy and Chemistry

**S. Narine**, BSc (Trent), MSc (Trent), PhD (York), *biomaterials precursor synthesis, formulation and materials characterization.*

### Sociology

**A. Law**, BAS. (Sydney), MA, PhD (Alberta), *sociology of leisure, sociology of work and income support, evaluation and applied research methodology.*

## REGULATIONS AND REQUIREMENTS

The general regulations and requirements of Trent University for the MA degree apply to graduate study in Sustainability Studies. Students are admitted to the program once a year for studies beginning in the following September. Applications should be received by February 1 to be considered for admission and funding. To be eligible for admission, the applicant must possess a joint- or single-major Honours BSc or BA degree or equivalent in a related field, with a minimum average of A- (80%, GPA 3.7) in the last ten undergraduate credits. In addition to meeting the minimum admission average, admission decisions will be made based on: availability of the appropriate faculty as instructors, supervisors and committee members; appropriateness of the applicant's previous education and training; and the feasibility of the applicant's proposed course of study and project. Applicants to the program are expected to have a foundation in appropriate research methodology. Additional requirements appropriate to the candidate's area of study may be suggested by the selection committee. Students may be required to take an undergraduate course deemed necessary to their program of graduate study. Candidates must maintain at least a second class standing (B- 70%) in their work. For further details, see [Failed Course Policy](#).

### Curriculum Components

The Program consists of either a 3.5 credit (Thesis Option) or 4.5 credit (Major Research Paper Option). Both Options include a core course on sustainability, participation in a Student Faculty and Community Colloquium, and completion of a Research Design and Methods component. A number of elective courses are offered, in collaboration with other graduate programs at Trent, to allow students to pursue selected issues such as non-profit management, ethics, environmental marketing, and social entrepreneurship with greater depth.

## Program Structure and Options

Both full-time and part-time MA students may choose between the Thesis Option and the Major Research Paper Option described above. The Thesis Option requires the completion of a short scholarly monograph with multiple chapters and will be assessed by an external examiner. The candidate will defend the Thesis before a committee of at least three faculty members including the external. The Major Research Paper will be modeled on a scholarly journal article and assessed by at least one faculty member and an external examiner. A supervisor will be appointed for both the Major Research Paper and Thesis. Students will select research topics for the Major Research Paper or Thesis in consultation with their supervisor.

## FINANCIAL SUPPORT

All eligible full-time students admitted to the program may receive financial support from a variety of sources including Research Fellowships, Graduate Teaching Assistantships (GTAs), scholarships and bursaries. The GTAs involve a maximum of four terms (two academic years) of teaching and related work within the department. For further information on financial support for graduate students, please refer to the graduate studies website: [www.trentu.ca/graduatestudies/financialsupport.php](http://www.trentu.ca/graduatestudies/financialsupport.php).

## External Funding

Students applying to the program are encouraged to apply for external scholarships including the Ontario Graduate Scholarship (OGS) and/ or a SSHRC Scholarship. Application deadlines and further information regarding external scholarships can be found on the graduate studies website.

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**Not all courses will be available every year. Please consult [www.trentu.ca/sustainabilityma](http://www.trentu.ca/sustainabilityma) for information on courses that will be offered for the upcoming academic year.**

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- » **SUST 5000: Perspectives on sustainability**  
This course explores the roots of the concept and practice of sustainability, its role in the modern organization-driven economy, the way that we construct and communicate about the problems and potential solutions inherent to sustainability, and the theories of social innovation that are required to implement sustainability-oriented solutions.
- » **SUST-CSID 5002H: Research methods**  
This course will cover two related themes: an overview of the theory and practice of selected research methodologies; and the ethical considerations of research within Canadian Studies, Indigenous Studies and Sustainability Studies.

- » **SUST 5010H/5020H: Student faculty and community colloquium**  
The Student Faculty and Community Colloquium brings together students, community members, faculty, visiting scholars and experts for an intensive exploration of relevant historical, theoretical and practical issues. The Colloquium examines how we, as a global human community, can foster social equity, stimulate our economy, and still limit our impact on the natural environment. Students are expected to attend the colloquium in both the first and second years of their program.
- » **SUST-CSID 5200H: Sustainable rural communities**  
A critical perspective on rural community sustainability in Western developed economies. Traces the evolving interdisciplinary conceptualizations of 'rurality', 'community' and 'sustainability', and their role in understanding how rural people, places and systems respond to Socio-economic and environmental change. Emphasizes how sustainability is manifest in rural and small town Canada.
- » **SUST 5300H: Justice, ethics, sustainability and capitalism**  
In this course we discuss the intersection of ethics, justice and environmental sustainability within liberal-democratic corporate capitalism. We will consider theories of distributive justice and intergenerational obligation in the context of resource and sink depletion, climate change and declining bio-diversity. Open to all graduate students.
- » **SUST-CSID 5401H: Environment and heritage: knowledge, society and the environment**  
This course will examine the significance of scientific and other forms of knowledge, with particular reference to the environment and sustainability. It will draw from the history and philosophy of science, science and technology studies, environmental history, political science, political ecology, postcolonial inquiry, and environmental justice. There will be a special focus on how these ideas about knowledge and society have been, and could be, applied in the Canadian context.
- » **SUST 5450H: Perspectives and practices for organizational sustainability**  
This course introduces students to the "triple bottom line" approach by defining sustainability in organization as balanced progress towards economic performance, social justice, and environmental quality. This course examines strategic approaches and methods of the sustainability paradigm and the way they are framed and implemented across multiple sectors.
- » **SUST 5900Y, 5901H, 5902H: Reading course**  
A course designed to provide opportunities for intensive study by an individual student in a particular area of study. Approval of the relevant instructor and the Program Director is required.

705-748-1011 ext. 1809 [theory@trentu.ca](mailto:theory@trentu.ca)  
 Fax: 705-748-1829 [www.trentu.ca/theorycentre](http://www.trentu.ca/theorycentre)

Interdisciplinary in spirit and theoretical in emphasis, this MA program focuses on contemporary issues in the humanities and social sciences from the perspectives of contemporary critical, cultural and political theory. The program responds to a situation in which the human sciences, without having resolved traditional problems concerning strategies for, and the status of, their various kinds of inquiry, have been overtaken by new problems in which once founding categories and assumptions have been radically challenged from a variety of philosophical and political directions so that a new intellectual agenda is beginning to emerge.

The aim of the program is to enable students to engage these issues in the context of intensive collegial discussion and substantive projects of research. In addition to background courses, student work centres on a core seminar (T5000) and on a Master's thesis. An annual speakers' series is organized in conjunction with the T5000 seminar. The degree program is intended both as a preparation for doctoral studies, and as a qualification in itself for those pursuing a non-academic career, for example, in teaching, media, law and government service.

Areas of emphasis within the program are: textuality, semiotics and discourse; nature, culture and technology; gender, body and psyche; science as knowledge and discourse; social and political theory.

The program is connected to the Centre for the Study of Theory, Culture & Politics, which encourages faculty and student research, publications, visiting speakers and conferences. Each year the Centre and the program adopt a loosely overarching theme for the main speakers' series and seminar. Past themes have included the practice of theory, media and discourse, time and historicity, science and culture, borders and boundaries, rethinking the political, and culture and the political. The current theme is Re-presentations. For further information about the Centre, the program and current activities, please visit our website at [www.trentu.ca/theorycentre](http://www.trentu.ca/theorycentre).

## Graduate Program Director

**D. G. Holdsworth**, MSc (McMaster), PhD (Western Ontario)

## Faculty and Research Areas

### Anthropology

**P. Manning**, BA (Reed), MA, PhD (Chicago), *Linguistic anthropology, semiotics, anthropology of romance, anthropology of politics, liberalism and neo-liberalism, colonialism, technology and nature, landscape, the anthropology of the preternatural*

**A. Meneley**, BA (McGill), PhD (New York), *Middle East, Islam, religion and world views, ethno-graphic methods, histories of anthropological theory, and global circulations of food commodities.*

### Cultural Studies

**Z. Baross**, BA (UBC), MA (London), PhD (Amsterdam), *ethics of testimony and witnessing, question of community/ hostility/hospitality, relation between political and the philosophical, lure of the Image.*

**J. Bordo**, MA, MPhil, PhD (Yale), *condition of modernity, with reference to visual art, architecture, landscape and monumental sites, cultural transmission, the (post) modern sublime.*

**V. de Zwaan**, BA (Trent), MA (McGill), PhD (Toronto), *narrative and genre theory; experimental fiction; history of the novel; literary theory; comparative literature; hypertext and new media fiction.*

**R. Dellamora**, (Emeritus), MA (Cambridge), PhD (Yale), *Victorian studies, aestheticism and decadence, literature/ visual arts/opera in relation to gender and sexuality, cultural construction of masculinities, critical theory (Foucault, Barthes and Derrida).*

**E. D. Emarth**, BA (Carleton College), MA (California-Berkeley), PhD (Chicago), *cultural theory and feminist practice, the shift from modernity to postmodernity and its implications for definitions of individuality and agency and for historical explanation.*

**J. Fekete**, (Emeritus), MA (McGill), PhD (Cambridge), *literary and cultural theory, Anglo-American and European, esp. modern and post-modern, science fiction, the technological imaginary, moral panic, biopolitics.*

**V. Hollinger**, MEd (Newcastle), MA, PhD (Concordia), *queer and feminist speculative fiction, feminist theory, performance theory, post-modern theatre.*

**I. Junyk**, BA (Western Ontario), MA (Queen's), PhD (Chicago), *modernism and the avant-garde, classicism and myth, opera/trauma/ memory and history, the contemporary novel.*

**L. Mitchell**, BA (Thompson Rivers), MA (York), PhD (Victoria), *political theory, media theory, internet studies, Heidegger.*

**A. O'Connor**, BA (Trinity College, Dublin), MA, PhD (York), *subcultures, anarchism and the "anti-globalization" movement, sociology of culture, mass media, intellectual fields, Latin American studies.*

**D. Panagia**, BA (Manitoba), M.Litt. (Oxford), MA, PhD (Johns Hopkins), *post-structuralism, aesthetics, political thought, literary theory, historiography and rhetoric.*

**J. Penney**, BA, MA (Alberta), PhD (Duke), *psychoanalysis, queer theory, postcolonial theory, Lacan, Marx.*

**D. Torgerson**, BA (California-Berkeley), MES (York), MA, PhD (Toronto), *critical theory, political action, public spheres, policy discourse, green political thought, cultural politics.*

**A. L. Wernick**, (Emeritus), MA (Cambridge), MA, PhD (Toronto), *modern and post-modern social and cultural theory, religion, and post-commodification and culture.*

### English Literature

**R. Dellamora**, (Emeritus), MA (Cambridge), PhD (Yale), *Victorian studies, aestheticism and decadence, literature/visual arts/opera in relation to gender and sexuality, cultural construction of masculinities, critical theory (Foucault, Barthes and Derrida)*.

**C. Eddy**, MA (Western Ontario), PhD (Toronto), *theories of the body and subjectivity; inscriptions of gender and race; French feminism*.

**J. Fekete**, (Emeritus), MA (McGill), PhD (Cambridge), *literary and cultural theory, Anglo-American and European, esp. modern and post-modern, science fiction, the technological imaginary, moral panic, biopolitics*.

### Environmental & Resource Science/Studies

**D. G. Holdsworth**, MSc (McMaster), PhD (Western Ontario), *environmental thought/ environmental ethics, science and energy policy, risk assessment/analysis, scientific practice and political culture, algebraic logic and the foundations of quantum theory, non-standard logic and category theory*.

### Philosophy

**C. V. Boundas**, (Emeritus), MA, PhD (Purdue), *Deleuze's philosophy, theory of difference, postmodernism, post-structuralism, Desire, Minoritarian literature, Nomadism, Schizoanalysis*.

### Politics

**F. Baban**, MA (Bogazici), PhD (Carleton), *global and comparative politics, globalization theory and critical theories of international relations, focus on the Middle East and the European Union*.

**N. Changfoot**, BA (York), MA (Carleton), PhD (York), *Canadian politics, political theory, women and politics, cultural citizenship, social movements, Hegel and feminist thought*.

**E. Stavro**, MA, PhD (Toronto), *feminist theory, contemporary French philosophy, reproductive technology*.

**D. Torgerson**, BA (California-Berkeley), MES (York), MA, PhD (Toronto), *critical theory, political action, public spheres, policy discourse, green political thought, cultural politics*.

### Sociology

**S. Katz**, MA (McGill), PhD (York), *sociology of the body, knowledge, Foucault, aging and the lifecourse*.

**B. L. Marshall**, MA (Guelph), PhD (Alberta), *critical and feminist theories, social movements (esp. feminism)*.

### Women's Studies

**C. Eddy**, MA (Western Ontario), PhD (Toronto), *theories of the body and subjectivity; inscriptions of gender and race; French feminism*.

**B. L. Marshall**, MA (Guelph), PhD (Alberta), *critical and feminist theories, social movements (esp. feminism)*.

## REGULATIONS

The general regulations and requirements of Trent University for the MA degree apply to the Theory, Culture and Politics program.

The admission deadline is February 1 for Fall admission into the program. Admission is competitive for a limited number of places. To be considered, applicants should have an Honours degree with a minimum B+ (77%) in the last two years of full-time study, demonstrated aptitude for interdisciplinary study, and an appropriate area of intellectual and research interest. Course work, amounting to 2.5 full course equivalents, is required as follows:

- a) The Theory, Culture and Politics Seminar (T5000)
- b) Two core half-courses, to be selected from a list of available special topic courses within the program's areas of emphasis
- c) One other half-course, an elective (which may be a regular course offering or a reading course), specifically related to the student's area of thesis interest.

Students are also required to write a Master's thesis of 25,000 to 30,000 words. The thesis will be supervised by a committee consisting of at least two faculty associated with the program, one of whom will serve as overall thesis supervisor. The supervisory committee is selected in consultation with the Program Director. A provisional committee will be selected during the first term and finalized by the end of the second term. Students are required to write and present a thesis proposal as part of the second term requirements for T5000.

Students must attain at least a B- (70%) standing in the course work and, after approval by the supervisory committee, pass an oral examination in defence of the thesis. For further details, see [Failed Course Policy](#).

Competency in a second language is not a requirement, although additional requirements appropriate to the candidate's field, including language competency, may be specified by the supervisory committee.

The expected time of completion of the degree is two years.

## FINANCIAL SUPPORT

Graduate Teaching Assistantships and Research Fellowships are available for full-time students admitted to the program. These awards are made at the point of admission, normally for two years. In addition to bursaries and scholarships available from Trent (information from the Student Aid Office), students in, or applying to, the program are strongly encouraged to seek external forms of support such as the Ontario Graduate Scholarship (OGS) or the Social Science and Humanities Research Council Scholarship (SSHRC).

For further information on financial support for graduate students, please refer to the graduate studies website: [www.trentu.ca/graduatestudies/financialsupport.php](http://www.trentu.ca/graduatestudies/financialsupport.php).

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**Not all courses will be available every year. Please consult [www.trentu.ca/theorycentre](http://www.trentu.ca/theorycentre) for information on courses that will be offered for the upcoming academic year.**

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- » **TCPS 5000: Seminar on theory, culture and politics**  
The seminar brings together all first-year students enrolled in the program for an intensive exploration of different contemporary theoretical perspectives bearing on culture and politics. The focus will be on problems of interpretation, language, cultural forms and political action in the context of a broadly defined theme which will vary from year to year.
- » **Topics in theory, culture and politics (5500 series)**  
These half-year courses focus on particular topics and approaches within the program's areas of emphasis. Students must take two from among those offered in a given year. The courses will be selected from the following list. Please see our website at [www.trentu.ca/theorycentre](http://www.trentu.ca/theorycentre) for current information about course offerings.
  - TCPS 5501H: Topics in Continental Philosophy
  - TCPS 5502H: Science theory
  - TCPS 5503H: Aesthetic theory
  - TCPS 5504H: Subjects of desire
  - TCPS 5505H: Political theory
  - TCPS 5506H: Cultural theory
  - TCPS 5507H: Performance theory
  - TCPS 5508H: Media theory
  - TCPS 5509H: Feminist theory
  - TCPS 5700 and 5700H: Special courses
  - TCPS 5900/5900H: Reading courses and Special Topics Courses



705-748-1011 ext. 7505 [graduate@trentu.ca](mailto:graduate@trentu.ca)

Fax: 705-748-1625 [www.trentu.ca/tqgp](http://www.trentu.ca/tqgp)

Under the terms of an agreement between Trent University and Queen's University at Kingston, faculty of Trent University may undertake the supervision and instruction, at Trent University, of graduate students enrolled for Master's or PhD degrees at Queen's University. The Trent faculty members who participate in this arrangement must hold appointments as adjunct faculty to the graduate school at Queen's University.

Students who wish to enroll in the Trent/Queen's program and pursue graduate study at Trent University must apply using a two-stage process. At stage one, students complete a Trent University graduate studies application form (available online) and arrange for that and all supporting documentation to be forwarded to the School of Graduate Studies at Trent University. Students who are recommended for admission by Trent proceed to stage two, at which time they are advised to complete an online Queen's University application form. All supporting documentation previously received at Trent is then forwarded to Queen's University. Students are encouraged to approach and identify prospective supervisors in the appropriate Departments and Programs at Trent, before making an application.

## Associate Director

TBA

## Trent Faculty Currently Holding Adjunct Appointments at Queen's

Adjunct faculty are listed below under the collaborating departments:

### Ancient History & Classics

**I. C. Storey**, (Emeritus), MA (Toronto), MPhil (Oxford), PhD (Toronto), *Greek drama (Euripides and Aristophanes)*.

### Chemistry

**D. A. Ellis**, BSc (Glasgow), MSc (Aberdeen), MSc, PhD (Toronto), *fate of organics in the environment, atmospheric chemistry, environmental modeling, spectroscopy, organic synthesis, analytical chemistry*.

**H. Hintelmann**, BSc, PhD (Hamburg), *fate of metals in environment, particularly mercury, fractionation of non-traditional stable isotopes, hyphenated ICP/MS and MC-ICP/MS techniques*.

**J. M. Parnis**, BSc, PhD (Toronto), *transition metal atom and cluster reactivity with hydrocarbons, matrix isolation spectroscopy of atom/molecule reactions and ion decomposition processes, metal nanoparticle chemistry*.

**S. Rafferty**, BSc (Waterloo), PhD (British Columbia), *protein chemistry, recombinant expression and characterization of metalloproteins*.

**I. Svishchev**, MSc (Moscow State), PhD (USSR Academy of Sciences), *physics and chemistry of water, advanced oxidation processes, molecular dynamics simulations*.

**A. J. Vreugdenhil**, BSc (Queen's), PhD (McGill), *hybrid materials, sol-gel chemistry, triggered release of small molecules, encapsulation of laser ablated nano-particles*.

### Computing & Information Systems

**W. Feng**, BSc (Hebei), MSc (Shaanix), PhD (Glasgow), *web caching, network intrusion detection, nonlinear spectral theory and applications, boundary value problems*.

### Environmental & Resource Science/Studies

**D. Wallschläger**, MSc (Bochum), PhD (Bremen), *speciation of anion forming trace metal(oid)s, particularly arsenic, selenium and chromium, in natural and industrial environments*.

### Geography

**J. M. Buttle**, BA (Toronto), PhD (Southampton), *water and solute transport in the unsaturated zone, hydrochemical fluxes in forest and wetland environments, hydrological effects of land use change, hydrological modelling*.

**P. M. Lafleur**, BSc (Brandon), MSc (Trent), PhD (McMaster), *energy and water balances, carbon cycling, climate change*.

### Indigenous Studies/Environmental & Resource Science/ Studies

**C. Furgal**, BSc (Western), MSc., PhD. (Waterloo). *Environmental health risk assessment, management and communication; Indigenous environmental health with focus on Arctic populations; Indigenous knowledge and science for environment and health research; mixed methods research*.

### Physics & Astronomy

**W. A. Atkinson**, MSc (Alberta), PhD (McMaster), *condensed matter theory*.

**S. Narine**, BSc (Trent), PhD (Guelph), *physics and chemistry of biomaterials*.

**D. R. Patton**, B. Math (Waterloo), PhD (Victoria), *galaxy evolution, galaxy mergers*.

**R. C. Shiell**, BA (Oxford), PhD (Newcastle upon Tyne), *atomic molecular and optical physics*.

**R. Wortis**, BSc (Harvard), MSc, PhD (Illinois at Urbana Champaign), *condensed matter theory*.

### Psychology

**N. Im-Bolter**, BSc (UofT), MA, PhD (York), *language, cognition, and social cognition; atypical development and child psychopathology, learning disabilities and special education*.

**T. P. Humphreys**, BA (Waterloo), MA (WLU), PhD (Guelph), *first sexual experiences, sexual consent negotiations, sexuality and technology, influence of sexually explicit materials, sexual resourcefulness*.

**J. D. A. Parker**, BA (Simon Fraser), MA, PhD (York), *personality and affect regulation*.

**K. Peters**, MA, PhD (British Columbia), *neuroethics, dementia, sleep and memory*.

**C. T. Smith**, (*Emeritus*), BSc (Manitoba), MA, PhD (Waterloo), *sleep states, sleep mentation and memory processes*.

### FINANCIAL SUPPORT

All graduate students enrolled at Queen's University and resident at Trent are eligible for financial support from funds normally available at Queen's.

Financial support while at Trent is normally available to graduate students as compensation for assistance in teaching and research. Details are arranged individually by the supervisor of each graduate student. For further information, please contact the Associate Director.

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**Not all courses will be available every year. Please consult [www.trentu.ca/graduatestudies/programsofstudy\\_queens.php](http://www.trentu.ca/graduatestudies/programsofstudy_queens.php) for information on courses that will be offered for the upcoming academic year.**

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Trent does not offer single-discipline graduate programs in Chemistry or Physics. However, approved graduate courses listed below may be available for credit in Trent's Materials Science program, Trent's Applied Modelling and Quantitative Methods program, the Trent/Queen's Co-operative Program in Graduate Studies or through other special arrangements such as the Ontario Graduate Visiting Student Plan. If taken in the Materials Science program, these courses would be given an MTSC 6260H or MTSC 6270H designation. If taken in the Modelling program, these courses would be given an AMOD 5010H or AMOD 5020H designation.

### Ancient History & Classics

GREK 5900Y: Special topic in Greek literature

LATN 5900Y: Special topic in Latin literature

### Chemistry

CHEM 5000H: Advanced topics in physical chemistry

CHEM 5010H: Electrochemistry

CHEM 5020H: Chemical processes

CHEM 5110H: Synthetic organic chemistry

CHEM 5200H: Selected topics in inorganic chemistry

CHEM 5300H: Plant metabolism

### Physics & Astronomy

PHYS 5000H: Quantum mechanics

PHYS 5010H: Advanced quantum mechanics

PHYS 5100H: Surface science

PHYS 5200H: Nuclear physics

PHYS 5300H: Statistical mechanics

PHYS 5400H: Solid state physics

PHYS 5500H: Electromagnetism

PHYS 5510H: Electrodynamics

PHYS 5900H: Advanced topics

## Admission Requirements

The minimum requirement for admission to a Master's program is a Bachelor's degree, in an Honours program or the equivalent, from a recognized university. Applicants to a PhD program should normally have an MA or MSc degree as appropriate.

The applicant must have achieved an average of at least an upper second-class standing (B+/77%) or equivalent in the work of the last completed four semesters or the last two completed undergraduate years (full-time equivalent). Individual programs may require higher entrance averages or have additional admission criteria. Applicants should consult the individual program admission requirements in the program section of the calendar for further details.

## Admission Process

All applications will be initially examined and evaluated by the appropriate programs. All supporting documents (transcripts, letters of reference, etc.) must be received before any application can receive formal consideration. A program's recommendations for admission will be forwarded to the School of Graduate Studies whereupon the completed applications will be considered by the Graduate Studies Committee.

Official letters of acceptance are only for the academic year indicated. Successful applicants must reply in writing indicating whether or not they accept the offer of admission. Acceptance of an offer of admission will normally be required within four weeks of the date of the offer letter. If the applicant is unable to commence studies in the term agreed upon, the programs reserve the right to reconsider their acceptance. There is no appeal of admission decisions.

## Application

Initial enquiries concerning graduate study at Trent University should be made directly to the graduate programs. Applications for admission to graduate studies can be found at [www.trentu.ca/graduatestudies/howdoiapply.php](http://www.trentu.ca/graduatestudies/howdoiapply.php). Applications are due by February 1 in order to be considered for admission and funding. Students are urged to apply early.

## Online Application

The Trent University application for graduate studies is located online through our graduate studies website [www.trentu.ca/graduatestudies](http://www.trentu.ca/graduatestudies). Applicants are responsible for collecting and submitting all required documents to the School of Graduate Studies by the deadline. In order to be considered official, transcripts must be received in envelopes sealed by the issuing institution or ordered online through the application site. Letters of recommendation from faculty must be received in sealed and signed envelopes. Assessments and transcripts will be verified. Official TOEFL and GRE scores, where required, must be sent to Trent University by Educational Testing Service. Incomplete applications will not be processed.

## Application Fee

The \$100 application fee is non-refundable and will not be counted towards tuition fees. Applications will not be processed unless the Application Fee is received. This requirement cannot be waived or deferred. Payment must be made by credit card, cheque or money order payable online or to the Ontario Universities' Application Centre and mailed to the address listed on the application site.

## Qualifying Courses

Applicants who meet the minimum average for admission but whose curriculum background is not sufficient for direct entry into a graduate program may be advised to undertake qualifying courses. Successful completion of these courses as recommended by the program concerned will permit students to compete for admission on an equal basis with other applicants. Subsequent admission to a graduate program is not, however, guaranteed.

## Special Admissions

Applicants who demonstrate the ability to succeed in a graduate program but do not meet the published minimum academic requirements due to exceptional circumstances may qualify for special admission. Determination of the applicant's suitability to the program will be made by the program admissions committee and program director. If special admission is deemed appropriate, the program director will submit a recommendation to the Graduate Studies Committee for approval.

## English Proficiency Requirements

Proficiency in English usage, both written and oral, is essential to pursue graduate studies at Trent University. Applicants whose primary language is not English and who completed their previous university education in a language other than English must provide proof of proficiency in English before admission using one of the tests listed below.

Where the language of instruction in the previous university education has been English, the Graduate Studies Committee is prepared to consider alternate proof of English language proficiency. Applicants who studied at a university in Bangladesh, India, Nigeria or Pakistan are not eligible for this exception and must provide proof of English language proficiency using one of the tests listed below.

The following tests are acceptable forms of proof of English language proficiency:

- TOEFL (Test of English as a Foreign Language). A minimum score of 580 PBT, or 93 IBT (with a minimum score of 22 in both speaking and writing); (Educational Testing Service, Princeton, New Jersey 08540, U.S.A.).
- CAEL (Canadian Academic English Language Test). Alternate test only for applicants who do not have access to TOEFL (Carleton University, Ottawa, Ontario, Canada K1S 5B6). The minimum acceptable score is 60, with at least 60 in Writing Proficiency.

- MELAB (Michigan English Language Assessment Battery). The minimum acceptable score is 85, with no part below 80.
- IELTS (International English language Testing Services). The minimum acceptance score is 6.5, with no band below 6.0.

Please note that Trent University reserves the right to request English language proficiency results from any applicant whose first language is not English.

Applicants must make their own arrangements for taking language tests and having the results sent to the University in time to meet its application deadline by contacting the centre in their locale or by writing to one of the above.

### Graduate Record Examinations

It is recommended for applicants to the Master's degree program in Psychology to complete the GRE exam in the general and/or subject sections to enhance the quality of their application. Applicants for admission to other programs whose academic credentials are difficult to assess may be asked to take the Graduate Record Examination administered by the Educational Testing Service [www.ets.org/gre](http://www.ets.org/gre). Students are expected to make their own arrangements and will bear the cost of taking the Graduate Record Examinations.

### Graduate Transfer Credit Policy

Students may petition to have previous graduate credits transferred from other academic institutions to their Trent graduate degree. Students must submit the course syllabus and transcript to the Program Director. Prior course work should have been taken within the past five years. The maximum number of credits transferred is dependent upon program regulations. Transfer credits are granted at the discretion of the Program Director and will not normally be granted for required courses. The Graduate Program Director will assess the previous graduate course(s) for transfer credit eligibility and to determine if the course work is equivalent to a Trent graduate course, or may give it an unassigned credit if there is no equivalent course. Only courses with a grade of at least 70%/B- or equivalent (or the minimum grade as required by the program) will be considered for transfer credit. Courses transferred for credit will be given a grade of "PASS". No letter or numeric grade will be noted on the Trent transcript for a transfer credit. Students who have taken a course(s) under the Ontario Visiting Graduate Student Plan will have the official grade provided by the host university placed on their graduate transcript.

### Special Student Policy

Students interested in registering for a graduate course without being formally admitted to a graduate program, may apply to be considered as a special graduate student under the following policy.

- The student must possess the requisite academic background for success in the course by meeting the minimum admission requirements of a program or be deemed acceptable by the Program Director. The student must apply using the special student application found at [www.trentu.ca/graduatestudies/forms.php](http://www.trentu.ca/graduatestudies/forms.php) and submit official transcripts and a rationale for admission as a special student. (No reference letters or plan of study are required).
- Permission must be granted by both the graduate Program Director and the course instructor. Faculty have no obligation to accept a non-degree student into a course.
- Enrolment is subject to space availability; degree students are given first priority for space in any graduate course.
- Normally, only Masters level courses are open to non-degree students.
- Non-degree students are eligible to take up to a maximum of two half-credits or one full-credit.
- Fees are set annually. Payment is due upon registration.
- Credits earned as a non-degree student may be accepted for credit to a degree program upon approval of the Program Director.

### Ontario Visiting Graduate Student Plan

Under certain circumstances it is permissible for a student admitted to a degree program and registered at one Ontario university to enroll in approved credit courses at another university. Credit will be granted only if written permission is received from the Dean of Graduate Studies. Students interested in this option must complete the OVGS application form before the start of the term in which the course is being offered. The form can be found at [www.trentu.ca/graduatestudies/forms.php](http://www.trentu.ca/graduatestudies/forms.php).

## Notes

- All students must register and pay fees at the beginning of their program of study and must maintain continuous registration and fee payment (except during approved leaves) until degree requirements have been completed and notification of approval to convocate has been received.
- Students who have an unpaid University account for fees and/or other charges (including library fines and parking fines) at the time of re-registration at the start of each term will be deemed financially ineligible to register and the student may be restricted from re-registering in their program.
- Students enrolled under the Trent/Queen's agreement, while at Trent, are assessed Queen's tuition fees and Trent's ancillary fees.
- A \$75.00 late payment fee will be levied if payment is not made by any fee payment deadline date for any academic term.
- In order to convocate, all students (full- and part-time) must have paid at least the minimum Degree Fee.
- Provided the Degree Fee has been met, pro-rated refunds of tuition may be available (in accordance with Trent University's Graduate [Refund Schedule](#)).

## Graduate Student Fees

Graduate Student fees are based upon year of entry into a graduate program at Trent University. Full details of the Fee Schedule, and fee schedules for students starting prior to 2013, can be found at [www.trentu.ca/graduatestudies/financialsupport.php](http://www.trentu.ca/graduatestudies/financialsupport.php).

Tuition and ancillary fees for graduate students are prorated and billed each term (September, January and May).

	<b>New (2014) and Returning (2013)</b>	
	<b>Full-time</b>	<b>Part-time</b>
<b>Tuition Fees</b>		
<b>Graduate Domestic Fees (annual amount for 3 terms) (Canadians and Permanent Residents)</b>	<b>7,987.37</b>	<b>3,993.68</b>
<b>Ancillary Fees</b>		
Athletics	195.78	54.91
Campus Card	9.00	9.00
College Fee	15.00	7.50
Convocation Fee	16.17	3.23
Wellness Fee: Health Services	61.21	12.24
Wellness Fee: Accessibility	1.00	0.20
Wellness Fee: Counselling	11.87	2.37
<b>Total Ancillary Fees</b>	<b>310.03</b>	<b>89.45</b>
<b>Levies</b>		
Graduate Students' Association	40.00	20.00
GSA Health and Dental Plan	450.00	450.00
<b>Graduate Student College Fund</b>	<b>52.60</b>	<b>26.30</b>
<b>Kawartha World Issues Centre</b>	<b>5.35</b>	<b>4.35</b>
<b>Student Levy Seasoned Spoon</b>	<b>3.00</b>	<b>0</b>
<b>Total Levies Including Health and Dental Plan</b>	<b>550.95</b>	<b>500.65</b>
<b>Total Tuition, Ancillaries and Levies (Domestic)</b>	<b>8,848.35</b>	<b>4584.78</b>
<b>Graduate International Student Differential – assessed to non-Canadians and is in addition to the Domestic fee (as above)</b>	9,085.38	n/a
UHIP Fees for International Students (mandatory) *additional family members extra	648.00	n/a
<b>Total Tuition, Ancillaries and Levies (International)</b>	<b>18,581.73</b>	<b>n/a</b>
<b>Optional Fees</b>		
Transportation Fees (Bus Pass)	272.35	272.35

## Other Fees

Application Fee	100.00
Application for Leave of Absence	25.00
Application to Transfer to Part-time Status	25.00
Application for Re-Admit	100.00
Deferment Fee	35.00
Dishonoured Payments	40.00
Late Registration Fee (see <a href="#">Important Dates</a> )	75.00
Official Letters	5.00
Additional copies	1.00
Fax charge	5.00
Late payment Charge (per term)	75.00
Replacement T2202A	
Current Session	8.00
Previous Sessions	18.50
Thesis Binding (per copy) plus taxes and shipping	15.00

## Notes

- Fees are subject to approval by the Trent University Board of Governors. The University reserves the right to alter fees and fee structures. Tuition and ancillary fees are subject to change.
- Fees for graduate students are billed per term (September, January and May).
- Health and dental charges are billed in full in September. The plan is compulsory for full-time students and optional for part-time students; full-time students have the opportunity for opting out (see Health Benefits opt-out deadlines) and applying for a refund of the fee if covered by alternate insurance.
- UHIP charges are mandatory for International students and are charged in full in September. Premiums depend on number of people covered.
- Ancillary Fees are non-refundable.
- Note fee payment deadlines in university calendar
- Graduate student college fees are distributed to Trill college, and to the Graduate Students' Association.
- Transportation Fee (bus pass) is optional for graduate students.

## Degree Completion

Graduate students must continue to be registered until all degree requirements are completed. Students who complete their program of study, including a successful defence and submission of final copies of thesis/ dissertation to the School of Graduate Studies before the fee payment deadline of a term, as published in the Graduate Diary, will have their fees cancelled for the applicable term (in accordance with Trent University's Graduate Student [Refund Schedule](#)). Students who complete their requirements after the published deadline must register for the term and pay the term fees; any refund of tuition fees will be based on the date all requirements have been met (in accordance with Trent University's Graduate Student Refund Schedule). Students returning from inactive status (e.g., leave of absence) or re-admitted students will require a minimum period of registration and payment amounting to one term (even if degree requirements are met before that date). No defence will be scheduled or held without registration being completed before the proposed date of the defence.

## Degree Fee

In order to convocate, all graduate students (full- and part-time) must have paid at least the minimum Degree Fee. This will be based on the value of one year's tuition for a full-time Master's student. The doctoral degree fee will be based on the value of two years' tuition for a full-time student. Students who continue study after they have paid the degree fee must continue to pay regular tuition fees in order to remain in the program.

## Payment of Fees

Graduate students registered for the 2014-15 academic year have the option of paying their fees in full in the fall term, or pay at the start of each term. Payment in full or first term fees are due on September 28, 2014. Winter term fees are due on January 28, 2015 and Spring term fees are due by May 28, 2015. Graduate students are not required to pay a tuition deposit.

## Deferment Fee

Students deferring payment of their fees past the payment deadlines will be assessed the deferment fee of \$35 per student account. Deferment will be granted upon receipt of a sponsorship letter. All students paying their fees using OSAP funding will be charged the deferment fee.

## Late Payments

A \$75 late payment fee will be levied if the payment is not made by any fee deadline date for any term.

## Dishonoured Payments

There is a \$40 fee for any payment which is returned/ dishonoured. The University reserves the right to restrict students to a particular payment method to reduce the risk of returned payments.

## Refund Schedule

Provided the Degree Fee has been met, pro-rated refunds of tuition may be available (in accordance with Trent University's Graduate Refund Schedule) for students who:

- a) withdraw from a graduate program,
- b) complete full-time Master's degree requirements partway through the second or subsequent year.
- c) complete part-time Master's degree requirements partway through the third or subsequent year;
- d) complete full-time Doctoral degree requirements partway through the third or subsequent year; or
- e) complete part-time Doctoral degree requirements partway through the fifth or subsequent year.

<b>Term</b>	<b>100% *</b>	<b>50%</b>	<b>25%</b>	<b>0%</b>
Fall 2014	Sept 1–Sept 28	Sept 29–Oct 26	Oct 27–Nov 23	Nov 24–Dec 31
Winter 2015	Jan 1–Jan 28	Jan 29–Feb 24	Feb 25–Mar 23	Mar 24–April 30
Spring 2015	May 1–May 28	May 29–June 22	June 23–July 27	July 28–Aug 31

## Notes

- This schedule is based on terms (Sept., Jan. and May). The refund schedule will apply to the full or part-time fees for the term in which the student withdraws or completes degree requirements.
- Refund amount will be reduced by any bursary, scholarship, tuition fee waiver, research fellowship, etc. that applies to the refund period.
- Percentage refund applies to the tuition portion of fees only. Ancillary fees are non-refundable.  
\* However, students who complete all degree requirements before the fee payment deadline for the term, will have the term's fees, including ancillaries refunded.
- If fees have been paid in advance, the tuition and ancillaries for the terms after the date of withdrawal or completion will be refunded in full.



## International Graduate Students

In order to cover fees, books and living expenses, international students in graduate schools in Ontario will need a minimum of \$28,000 CDN per year. Eligibility for most scholarships and research assistantships from university and Canadian sources is restricted to Canadian citizens or permanent residents. Therefore, this amount should be covered by independent means or financial support from the students' own country. However, a small number of Ontario Graduate Scholarships or Ontario Trillium Scholarships are available to non-Canadian students.

### Employment

International students who are registered in full-time study and hold a valid study permit at a degree-granting post-secondary institution are permitted to work on that campus without a work permit. "On-campus" is defined as employment in facilities owned, leased or rented by the educational institution. The employer can be the university, faculty, student organization or private contractor providing services to the university and operating on campus. International graduate students may be provided with a teaching assistantship requiring no more than 10 hours per week. International students not holding a teaching assistantship position may apply for positions at the library, colleges (such as Summer maintenance), athletics complex, alumni office, development office, TIP office, food catering company, The Arthur (newspaper), liaison office (campus tours) or as research assistant to faculty. Students are permitted to work up to a maximum of 10 hours per week in total.

International students are able to work off campus with the Off Campus Work Permit program. An Off Campus Work Permit is required prior to obtaining employment off campus. Students must be in good standing and possess a valid study permit.

Spouses of full-time students are eligible to accept employment anywhere but must obtain a work permit.

### Documentation

Please visit [www.trentu.ca/tip](http://www.trentu.ca/tip) (Trent International Program) and [www.cic.gc.ca](http://www.cic.gc.ca) (Citizenship and Immigration Canada) for details regarding Study Permits, Visas and other related documentation.

### Services for International Students

Trent's International Program (TIP) offers counselling in such areas as adjusting to student life in Canada, housing, health insurance, immigration and employment issues, and academic challenges. TIP coordinates a three-day international orientation camp before classes start in September; publishes an International Student Handbook, which gives advice on adapting to Canada; and organizes social and cultural activities, seminars and debates. For more information and for resources specific to international students, please refer to the Trent International Program website at: [www.trentu.ca/tip](http://www.trentu.ca/tip).

### Note

- University Health Insurance Plan for International Students is mandatory (see [Other Fees](#)). Family members/dependants may be added to the plan at an additional cost. Please visit [www.uhip.ca](http://www.uhip.ca) for details.

School of Graduate Studies, Suite 201, Science Complex  
705-748-1011 ext. 7075  
Fax: 705-748-1154

[www.trentu.ca/gradstudies/scholarship.php](http://www.trentu.ca/gradstudies/scholarship.php)

[www.trentu.ca/graduatestudies/financialsupport.php](http://www.trentu.ca/graduatestudies/financialsupport.php)

## Graduate Finance Officer

### J. Rennie

Financial support for full-time graduate students may be available from a variety of sources. These include:

- External Scholarships, fellowships and other merit awards from governmental, industrial and other granting bodies in Canada.
- Internal Scholarships, Awards or Prizes.
- Tuition bursaries, awarded to students based on financial need. Many bursaries are provided by the generous support of external donors.
- Graduate Teaching Assistantships (GTAs), for teaching, leading seminars and/or laboratory demonstrating.
- Research Fellowship Awards (RFAs) from supervising faculty members who hold research grants.
- Internal Funding: Entrance Awards, Research Fellowships, Dean's PhD Scholarships, Dean's Excellence Awards.
- Research Assistantships (RAs) with faculty members who hold research grants.
- Loans from the Ontario Student Assistance Program (OSAP). Please visit the Financial Aid web site at [www.trentu.ca/financialaid](http://www.trentu.ca/financialaid)

The School of Graduate Studies maintains a list of available scholarships and application deadlines on our website at: [www.trentu.ca/graduatestudies/scholarship.php](http://www.trentu.ca/graduatestudies/scholarship.php) along with direct links to the granting councils and other agencies. In the case of major scholarship competitions, students currently registered at Trent must meet an internal application deadline set by the University. Information on certain external scholarships may be obtained from the School of Graduate Studies.

For further information, students may contact the Graduate Finance Officer at the School of Graduate Studies.

## Thank You to Our Benefactors

The funds for the following scholarships, bursaries, awards and prizes include gifts from individuals, corporations and other organizations through annual, campaign and legacy giving programs and through support from various levels of government. We are grateful to our past and current donors for their contributions which benefit our students and support education and research at Trent. For more information about the Trent University Endowment Fund and named endowment funds please contact:

Office of Advancement  
705-748-1601  
Fax: 705-748-1605  
[advancement@trentu.ca](mailto:advancement@trentu.ca)

## GRADUATE SCHOLARSHIPS

### External Agencies

#### Natural Sciences and Engineering Research Council (NSERC) Scholarships

Postgraduate scholarships and Canada Graduate Scholarships from the Natural Sciences and Engineering Research Council (NSERC) are tenable in departments offering graduate studies in science. Awarded to students undertaking graduate study and research leading to advanced degrees, and a limited number of postdoctoral fellowships for those wishing to add to their experience by specialized training. Open to Canadian citizens or permanent residents and awarded on the basis of high scholastic achievement and evidence of capacity to do research. Internal Application Deadline: Early October. For further information and online application see [www.nserc.ca](http://www.nserc.ca).

#### Social Sciences and Humanities Research Council (SSHRC) Scholarships

Master's level Canada Graduate Scholarships, Doctoral Fellowships and Doctoral level Canada Graduate Scholarships from the Social Sciences and Humanities Research Council (SSHRC) are offered each year to Canadian citizens or persons who have obtained landed immigrant status in Canada by December 1. The scholarships and fellowships program aims to develop research skills and assist in the training of highly-qualified academic personnel by supporting students who demonstrate a high standard of scholarly achievement in undergraduate and graduate studies in the social sciences and humanities. The fellowships are tenable at any recognized university in Canada or abroad. Internal Application Deadline: October. For further information and online application see [www.sshrc.ca](http://www.sshrc.ca).

#### Canadian Institutes of Health Research (CIHR)

The Canadian Institutes of Health Research (CIHR) Master's and Doctoral Awards are intended to provide special recognition and support to Canadian citizens or permanent residents of Canada who are pursuing a graduate degree in a health related field. Internal Application Deadline: November. Further information may be found at [www.cihr-irsc.gc.ca](http://www.cihr-irsc.gc.ca).

#### Ontario Graduate Scholarships (OGS)

The Government of Ontario provides funding to Trent University to allocate Ontario Graduate Scholarships (OGS) to Trent graduate studies students. The awards are tenable in all disciplines and the scholars must have a high level of academic achievement. The awards are intended primarily for Canadian citizens as well as those who hold permanent resident status at the time of application; however, Trent does offer awards to students who, by the application deadline, have been admitted to Canada as visitors with student authorization. Awards will be for two or three consecutive terms; one-term awards will not be made. All eligible candidates who are

interested in studying at Trent are urged to apply. Internal Application Deadline: Early February. For further information contact Trent's School of Graduate Studies.

The value of the OGS award is \$5,000 per term, two-thirds of which is provided by the Ministry of Training, Colleges and Universities and one-third of which is provided by the university. Many private donors have very generously provided matching funds to pay for the one-third top-up of Ontario Graduate Scholarships awarded to scholars at Trent University. Scholarships used for OGS matching funds will be annotated with an asterisk \*.

### Ontario Trillium Scholarships

The Ontario Trillium Scholarships program will serve as a significant initiative to attract more of the best qualified international students to Ontario for PhD studies. The Ontario Trillium Scholarship will be worth \$40,000 annually, and is renewable for four years. 75 new scholarships will be available each year across the province. To be eligible for this award, the student must be an international student intending to pursue full-time graduate studies at an eligible Ontario university at the doctoral level. The student must not have completed more than one year of doctoral studies prior to receipt of the Ontario Trillium Scholarship and is not concurrently accepting a scholarship or fellowship from the federal research granting councils of an Ontario Graduate Scholarship (OGS) or QEII Scholarship in Science and Technology (QEII-GSST).

### The Queen Elizabeth II Graduate Scholarships in Science and Technology (QEII-GSST)

The Queen Elizabeth II Graduate Scholarships in Science and Technology (QEII-GSST) are designed to reward excellence in graduate studies in the areas of science and technology. The scholarships consist of funding from the Ontario Ministry of Training, Colleges and Universities (MTCU) matched by private sector support to the university. Each QEII-GSST will have a value up to \$15,000 annually, or \$5,000 per term. Recipients may not hold other major provincial or national awards. Students must be Canadian citizens or permanent residents, be enrolled in full-time research graduate programs (masters or doctoral level) in science and technology (Environmental and Life Sciences, Material Science or Applied Modelling & Quantitative Methods), and exhibit overall academic excellence.

Selection of award winners will be made annually by an Awards Subcommittee of the Committee on Graduate Studies.

### Donor Supported Scholarships

Trent University offers a number of graduate scholarships, awards and bursaries. All new students entering the University are automatically considered for internal awards. No separate application is required. All University scholarships/awards may be held in conjunction with awards from outside agencies when conditions permit.

#### » **BMO Financial Group Future Green Leaders – Ontario Graduate Scholarships\***

These scholarships are funded by the BMO Financial Group Future Green Leaders Fund, and are to support holders of an Ontario Graduate Scholarship in the following graduate programs: Applied Modelling & Quantitative Methods, Canadian Studies & Indigenous Studies, Environmental & Life Sciences, Materials Science, Sustainability Studies, Theory Culture & Politics.

#### » **BMO Financial Group Future Green Leaders – Graduate Entrance Scholarships**

These scholarships are funded by the BMO Financial Group Future Green Leaders Fund, and are to support students entering Trent's graduate programs in Applied Modelling & Quantitative Methods, Canadian Studies & Indigenous Studies, Environmental & Life Sciences, Materials Science, Sustainability Studies, Theory Culture & Politics.

#### » **Sandi Carr Graduate Scholarship in Anthropology**

Established by the Office of Research & Graduate Studies in honour of Sandi Carr, Graduate Studies Officer upon the occasion of her retirement from Trent University. Awarded annually to a deserving graduate student enrolled in the Anthropology MA program.

#### » **Harley Richards Cummings – Canadian Studies Ontario Graduate Scholarship\***

Established with a gift and later a bequest from his wife, Shirley. This scholarship honours Harley, a respected educator in the Ottawa public schools and author of "Early Days in Haliburton."

#### » **Edwin William Curtin and Irene Elizabeth Curtin Graduate Scholarship**

Awarded to graduate students with preference given to students researching within watershed ecosystems as part of the Environmental & Life Sciences Graduate Program. This fund and a fund for the Bata Library are bequests in the Will of Irene Elizabeth Curtin. The process to obtain this fund is by application.

#### » **Daughters For Life Scholarships**

These scholarships are funded by the Daughters for Life Foundation and the Fern Rahmel Student Support Fund. They are intended to encourage and support young women from the Middle East who have met the Daughters for Life criteria and been accepted to Trent's Graduate Program.

#### » **Carole H. Ernest MSc Scholarship in Psychology**

Established in 2013 by Professor Emeritus Carole Ernest in appreciation of a 28-year teaching and research career in the Psychology Department (1971-1999) and in recognition of Trent University's 50th Anniversary in 2014. To be awarded to a student entering the MSc Graduate Program in Psychology with the highest academic standing. Minimum value \$1000.

- » **Eugene Forsey Scholarship**  
Named in honour of Senator Eugene Forsey, activist and constitutional expert, former Chancellor of the University and member of the Board of Governors. Awarded to deserving students entering the MA Program in Canadian Studies & Indigenous Studies to pursue their work on questions of importance to the country Eugene Forsey loved so much.
- » **French American Charitable Trust Scholarship**  
Established by The French American Charitable Trust in Bermuda. Awarded to a student enrolled in the Environmental and Life Sciences PhD program. The process to obtain this fund is by application.
- » **Jean Evelyn Graves – Canadian Studies Ontario Graduate Scholarship\***  
Established with a gift and later a bequest of her friend, Shirley Cummings. This scholarship honours Jean who was a secondary school teacher and later was Kingston's first Guidance Counsellor working for the Kingston Board of Education.
- » **F.A. Hagar Scholarship**  
Established in 1988 by the friends and colleagues of Professor Hagar to mark his retirement from the Department of History. Assists a recent graduate of the Bachelors or Masters programs at Trent, to fund travel to pursue a post-graduate degree at an accredited post-secondary institution in the British Isles or India in the fields of British or Indian History or English Literature. June 1 deadline for application (see Financial Aid Office for details).
- » **Henry Dyce Howitt – Environmental Ontario Graduate Scholarship\***  
Established from the estate of Henry Dyce Howitt who died on September 2, 2000. Awarded to a graduate student studying in the environmental sciences and entering first year of study at the MSc level. Preference will be given to holders of an Ontario Graduate Scholarship.
- » **Henry Dyce Howitt Ontario Graduate Scholarship\***  
Established from the estate of Henry Dyce Howitt who died on September 2, 2000. It was his wish to encourage outstanding achievement and academic excellence with this gift. To be awarded to a graduate student at the Master's or PhD level and holding an Ontario Graduate Scholarship.
- » **Eugene Kuzmin Graduate Scholarship**  
A gift from the Estate of Eugene Basil Kuzmin of Bobcaygeon. This scholarship is awarded to a deserving student in any graduate degree program.
- » **Malicorne Ontario Graduate Scholarship in Modelling\***  
A gift of an alumnus and his wife. Awarded to a student enrolled in the Applied Modelling & Quantitative Methods Graduate program.
- » **Mary Margaret (McCulloch) Edison Ontario Graduate Scholarship\***  
A gift from the estate of "Marnie" Edison. This is awarded to a deserving student in a graduate degree program.
- » **Jeannette & John Hanly Morgan Ontario Graduate Scholarship\***  
Established by Jeannette and John Hanly Morgan who were strong advocates for peace and the status of women. Awarded to a graduate student to aid in the completion of a thesis in Canadian Studies. Special consideration will be given to students researching topics in labour studies or women's studies.
- » **Morton – Indigenous Studies Ontario Graduate Scholarship\***  
Established in 2003 by Honorary Degree recipient and former president and CEO of Quaker Oats of Canada, David L. Morton and Professor Emerita, Patricia Morton. Preference will be given to students in the PhD program who are of aboriginal heritage.
- » **Ian and Margo Nelson Graduate Scholarship in Canadian Studies**  
Named in memory of Ian and Margo Nelson by their parents Gayle and John Nelson. Awarded to a PhD student in Canadian Studies with a special interest in the history and development of Ontario.
- » **Quaker Oats Company of Canada Limited Graduate Scholarship Program in Canadian Studies**  
These scholarships were established by the Quaker Oats Company of Canada Ltd. Awarded to a deserving student entering the first year of the Canadian Studies PhD program.
- » **Quaker Oats Company of Canada Limited Graduate Scholarship Program in Indigenous Studies**  
These scholarships were established by the Quaker Oats Company of Canada Ltd. Awarded to a deserving student entering the first year of the Indigenous Studies PhD program.
- » **Fred Roots Scholarship – Canadian Studies and Indigenous Studies Graduate Scholarship**  
A gift from Dr. Fred Roots to be used for northern research and/or translation of research materials in the North.
- » **Slavin Research Scholarship in Physics & Astronomy**  
Established in 2011 by Prof. Alan Slavin and Linda Slavin, along with students, friends and colleagues upon Prof. Slavin's retirement after 38 years at Trent. The scholarship will be awarded yearly to a graduate-program applicant who will be supervised by a faculty member of the Department of Physics & Astronomy, and/or to an upper-year undergraduate student enrolled in the Physics program and who will be supervised by a faculty member of the Department of Physics & Astronomy.
- » **Trent University General Graduate Scholarship**  
To be awarded to graduate students in any program.

» **John Henry Wadland – Canadian Studies Ontario Graduate Scholarship\***

Established to honour the work of Professor John Wadland and recognize his leadership and commitment to the field of Canadian Studies. The recipient is in the first year of the Canadian Studies PhD program and may continue the scholarship in their second year subject to academic performance. It may be awarded for OGS matching funds for a Trent scholar.

» **Alan Wilson Graduate Student Entrance Scholarship**

Established in 2009, in honour of Dr. Alan Wilson, founding chair of both the History and Canadian Studies programs. Awarded to Trent graduate students in the Canadian Studies PhD, History MA, and Canadian Studies and Indigenous Studies MA graduate programs. These scholarships will be offered to students with outstanding academic records.

» **David and Joyce Woods Graduate Scholarship**

Established by their children and friends to honour David M. Woods, chairman of the Board of Governors of Trent University from 1975 to 1980, and his wife, Joyce Woods. Awarded to students researching within watershed ecosystems as part of the Environmental & Life Sciences Graduate Master's program. This was the first graduate scholarship to be established at the University.

### Donor Supported Bursaries

Graduate students are eligible to apply for bursary assistance by completing a Bursary Application Form available in the office of the School of Graduate Studies or online at [www.trentu.ca/graduatestudies/scholarship.php](http://www.trentu.ca/graduatestudies/scholarship.php). Bursary applications may be submitted for the fall, winter and/or spring terms. In order to be eligible for bursary support students must provide a budget for the upcoming term that identifies all sources of support. Please note that effective September 1, 2008, all domestic undergraduate and graduate students are required to first apply to OSAP, or the student aid program of another province, *before* applying for a Trent University bursary. Many bursaries are limited to Ontario residents, defined by having lived in Ontario for one year, excluding post-secondary studies.

### Ontario Student Opportunity Trust Fund (OSOTF)

In 1996–1997 the Province of Ontario established the Ontario Student Opportunity Trust Fund. Fifty percent of this fund is provided by the Province and 50% has been raised through fundraising by the University.

A second phase of OSOTF was introduced in 2003. The trust fund represents an endowment fund. Annual proceeds from investment earnings are available in the form of bursaries and awards to Ontario residents enrolled full-time, part-time or as graduate students, who can prove financial need and whose academic progress is satisfactory. In some instances, academic excellence as well as financial need will be the determining factor.

### OSOTF Guidelines

Students have lived in Ontario for at least 12 months in a row up to the beginning of their full-time post-secondary studies: or Students' spouses have lived in Ontario for at least 12 months in a row up to the beginning of the current academic year, and their spouses were not enrolled in full-time post-secondary studies during this 12 month period; or Students' parents, step-parents, legal guardians, or official sponsors have lived in Ontario for at least 12 months in a row up to the beginning of their current study period.

### Ontario Trust for Student Support (OTSS)

In 2005, the Province of Ontario established the OTSS matching gift program to replace the OSOTF program. The OSOTF guidelines noted above apply also to bursaries and awards established through the generosity of donors and matching OTSS funds.

### Bursaries Available Only to Graduate Students

- » **AMOD Graduate Bursary (Modelling)**  
Available to assist graduate students in the Applied Modelling & Quantitative Methods, based on demonstrated need and satisfactory academic achievement. OSOTF guidelines apply.
- » **Anthropology – Graduate Students Bursary**  
Established by Graduate faculty and friends of the Anthropology department to assist first and second year students in their studies and/or thesis research. OSOTF guidelines apply.
- » **ABS Bennett Bursary**  
Awarded annually to a female graduate student who has demonstrated leadership and involvement in their community. OSOTF guidelines apply.
- » **Environmental Restoration Graduate Bursary**  
Established by a Trent Honorary Graduate to assist graduate students in any year. Preference will be given to students engaged in research to restore ecosystems. OTSS guidelines apply.
- » **Graduate Students Association Bursaries**  
Established by the Graduate Students Association in 2008. To be awarded to two graduate students in any program, one at a masters level and the other at a doctoral level. OTSS guidelines apply.
- » **Jon K. Grant Graduate Student Ontario Bursary**  
Established in honour of Jon K. Grant in recognition of his distinguished contribution to Trent University as chair of the Board of Governors, 1984 to 1986. Awarded to a student in the second year of the Master's program in Canadian Studies and Indigenous Studies. Distinction in cultural, athletic or other community activities may also be considered. OSOTF guidelines apply.
- » **Sarah F. Gunderson Memorial Graduate Bursary**  
Established by her family and her supervisors of graduate studies. Awarded to a student in the Environmental and Life Sciences Graduate Program who is conducting field research. Preference will go to international students.

- » **Winnie Janzen Frost Centre Bursary**  
Established in 2010 at the time of the retirement of Ms. Winnie Janzen from Trent. Ms. Janzen contributed significantly to the success of many faculty and graduate students in the 24 years she worked as the Administrative Assistant and Research Coordinator in the Frost Centre for Canadian Studies and Indigenous Studies. To be awarded to a Frost Centre graduate student who is in at least her/his second year; who has contributed to the enhancement of the graduate experience at Trent; and has the highest academic standing of those who qualify in any one year. OTSS guidelines apply.
- » **Fern A. Rahmel Graduate Bursaries**  
Established with a generous estate gift from Fern Rahmel, a Trent Honorary Degree recipient, and a leader in education, the arts and culture in Peterborough. To be awarded to women of proven academic ability who are over twenty-five years of age. Available to graduate students in any program. OTSS guidelines apply.
- » **Riley Tench Poetry Bursary**  
Established as a tribute to Riley Tench, Trent alumnus and former poetry editor of the *Arthur*. To be awarded to a full-time graduate student in the English Literature (Public Texts) Program. OTSS guidelines apply.
- » **Sara Graduate Bursary**  
Established to provide assistance to a graduate student. Preference will be given to a sole support parent. OTSS guidelines apply.
- » **Scotiabank Bursary**  
Awarded annually to graduate students in any year. OSOTF guidelines apply.
- » **Sceptre Investment Counsel Limited Bursary**  
Awarded to a full-time student who has made a contribution to the community.
- » **Stephen Stohn & Linda Schuyler Graduate Bursary**  
Established by Stephen Stohn and his family. Stephen is a Trent alumnus ('66) and one of the founders of both *Arthur* and Trent Radio. To be awarded to graduate students in any program. OTSS guidelines apply.
- » **William Thompson Graduate Bursary**  
Established by the estate of the late William Thompson (1891–1978) of Westwood, Ontario. Awarded to a student registered in a graduate program.
- » **Gordon & Margaret Watson Bursary**  
Established by the Ottawa Chapter of the Ontario Archaeological Society to honour Gordon Watson, an outstanding avocational archaeologist who worked mainly in the Rideau River-Ottawa Valley with his wife Margaret. He completed his MA at Trent after retiring. To be awarded to a needy graduate student studying Canadian anthropology or archaeology. OTSS guidelines apply.
- » **Young Family Bursary**  
Established by the family of J. Douglas Young, former Vice-Chairman and Founder of Cygnal Technologies and a member of Trent's Board of Governors. To be awarded to a full or part-time graduate student in any program. OTSS guidelines apply.

## Bursaries Available to Undergraduate and Graduate Students

- » **Eileen Allemang Bursary**  
Established in 1986 to honour Eileen on her retirement from Trent University. Awarded to a student who makes a contribution to university life. OTSS guidelines apply.
- » **Alumni OSOTF Bursary**  
Established by the Trent University Alumni Association. Awarded to returning student who has made a significant contribution to University life. OSOTF guidelines apply.
- » **Patricia Baxter AnishnabeKwe Bursary**  
Established in honour of Patricia Baxter. Awarded to Aboriginal women in their upper year studying science, computer studies/new technologies or Business Administration. OSOTF guidelines apply.
- » **Philip and Annie C. Black Bursary**  
Established by the late Isadore and the late Morris Black of Peterborough in memory of their father, Philip Black, the first Rabbi in Peterborough, and their mother, Annie.
- » **Bourinot Bursary**  
Awarded to a full-time student from Peterborough County. Preference will be given to an employee of the Canadian Tire Store in Peterborough or a member of his or her immediate family.
- » **Jacob F. Burnham Memorial Bursary**  
A gift of the late Daisy McCarrell, a former employee of Trent University. Preference will be given to students majoring in Economics, Business Administration and related fields.
- » **Ron Campbell Bursary**  
Established by Ron Campbell Enterprises, which operates McDonald's Restaurants in Peterborough and Lindsay. Awarded to students enrolled in the Environmental & Resource Science/Studies program. Recipients must be from Victoria or Peterborough County.
- » **City of Peterborough Employees' Bursary**  
Established by the employees of the City of Peterborough. Awarded to a child or spouse of a City of Peterborough employee.
- » **Community Service Bursary**  
Established by the Quaker Oats Employees' Independent Union (Cereals). Awarded to a full-time student from Peterborough County.
- » **CUPE 3908 Bursary**  
To be awarded to four student academic workers who are members of CUPE 3908. Available to graduate and undergraduate students based upon financial need. OTSS guidelines apply.
- » **Brian Desbiens Community Leadership Bursary**  
Established to honour Dr. Brian Desbiens, former President of Fleming College and a recipient of the 2007 Trent Community Leaders Award. To be awarded to one upper-year undergraduate or graduate student in any program who has demonstrated leadership within the university and within the greater community. A student who is reaching out to make a difference to the lives of others. OTSS guidelines apply.

- » **Greatest Need Bursary Trust**  
Supported by alumni, friends, faculty and staff. To be awarded to undergraduate and graduate students in any program. OTSS guidelines apply.
- » **Christopher Greene Bursary**  
Established by alumni Doug and Maureen Loweth, in honour of History Professor Emeritus, Chris Greene. Awarded to a history student. OSOTF guidelines apply.
- » **Errol Hanbidge Memorial Bursary**  
Established by his wife, Audrey Hanbidge. OSOTF guidelines apply.
- » **Agneta Holt Bursary**  
Established by the University Women's Club of Peterborough as a memorial to the late Mrs. Agneta Holt. OSOTF guidelines apply.
- » **Howell Family Bursary**  
Established by Walter Howell, a member and chair of the Trent University Foundation. To be awarded to a deserving undergraduate or graduate student in any program. OTSS guidelines apply.
- » **Jean Ann Johnston-Gauld Bursary**  
Established by the family in memory of Jean Ann Johnston-Gauld a part-time student at Trent University from 1982–85. Awarded to part-time students. OSOTF guidelines apply.
- » **James S. Keating Memorial Bursary**  
Established by his family as a permanent remembrance of James S. Keating, husband of Jean, a former Trent employee and father of Craig ('81).
- » **Principal H. R. H. Kenner and PCVS Faculty Bursary**  
Established by the PCVS Form 5 graduating class of 1937 in honour of Principal Kenner and their teachers. Support has also come from the class of 1939. Awarded to graduates of secondary schools in Peterborough County.
- » **Keppler Bursary for German Studies**  
Established by Hans and Christine Keppler. Awarded to Canadian undergraduate and graduate students going on a study abroad program to Germany or studying German at Trent.
- » **Chief Keith Knott Bursary**  
Established to honour Chief Keith Knott, recipient of a 2007 Trent Community Leaders Award. To be awarded to the most needy full-time or part-time undergraduate or graduate student in any program. OTSS guidelines apply.
- » **Louis and Bess Loftus Fellowship Bursary**  
Established by the late Barnet David Loftus in memory of his parents. OSOTF guidelines apply.
- » **Wally Macht Bursary**  
Established to honour Wally Macht, a broadcast journalist, anchorman and accomplished film documentary maker and recipient of a 2007 Trent Community Leaders Award. Awarded to a part-time undergraduate or graduate student in any program. OTSS guidelines apply.
- » **John and Elaine McClintock Bursary**  
OSOTF guidelines apply.
- » **Métis Bursary**  
Established through funding initiatives of the Métis Nation of Ontario (MNO), Métis Training Initiatives (MTI) and the Ontario government. Awarded to post-secondary students of Métis ancestry. Students must be residents of Ontario for one year before the start of their post-secondary education. OSOTF guidelines apply.
- » **Malcolm Montgomery Memorial Bursary**  
A bequest from the estate of the late Malcolm Montgomery. Preference will be given to students who have self-identified as Aboriginal and are in any graduate or undergraduate program. Then it is open to all full-time or part-time students entering or returning to the MA Program in Canadian Studies & Indigenous Studies or the PhD program in Indigenous Studies. This bursary is available to domestic and international students who meet the qualifications.
- » **Northumberland Canadian Federation of University Women Bursary**  
To be awarded to a returning undergraduate or graduate female student. Preference will be given to students from the County of Northumberland. OTSS guidelines apply.
- » **Norma and Lloyd Parnall Bursary**  
Established by the family in honour of Norma and Lloyd Parnall. Awarded to Aboriginal women successfully studying in undergraduate or postgraduate programs. OSOTF guidelines apply.
- » **Dennis Patterson Northern Bursary**  
Established to recognize the visit of the Government Leader of the Northwest Territories in 1990. Awarded to a student from the Northwest Territories.
- » **Dr. Julia Phelps Memorial Bursary**  
Established in memory of Dr. Julia Phelps, an honorary graduate and long-time friend of Trent. Awarded to a student in the Cultural Studies program. OSOTF guidelines apply.
- » **Sam Leach Robinson Bursary for English Students**  
Established by the family and friends in memory of alumna Sam Leach Robinson. Awarded to a deserving student entering fourth year of the Honours program in English Literature or the graduate program. OTSS guidelines apply.
- » **Setsu Suzuki Bursary**  
Established by David Suzuki in memory of his mother, Setsu Suzuki. Awarded to a student from the Third World.
- » **Sherratt Bursary for Athletics**  
Established by Fred Sherratt, former Vice Chair of CHUM Limited, and a member of Trent's Board of Governors. Each award has a value of \$1,500 and will be awarded to entering, transfer or returning full-time undergraduate or graduate students participating in the varsity athletics program. OTSS guidelines apply.

- » **Sir Sandford Fleming College Bursary**  
Established by Fleming College in recognition of Trent's 25th anniversary and to acknowledge the excellent relationship between our institutions. Awarded to a graduate of Fleming College enrolled at Trent University in a full-time or part-time program. Value: full tuition.
- » **Sisson/Fitzpatrick Aquatics Bursary**  
Established by Karen Sisson '78 in honour of her mother, Lois Sisson who was rescued by Trent lifeguards. To be awarded to students employed as lifeguards or swimming instructors in the Athletics Centre. OTSS guidelines apply.
- » **Bill and Dorothy Slavin Bursary**  
Established by members of the Slavin family, in memory of their parents, Bill and Dorothy Slavin. Awarded to a student from a developing country.
- » **David Tapscott Bursary**  
Established by his family in memory of David Tapscott ('69). Awarded to a student in any year. OSOTF guidelines apply.
- » **Trent Central Student Association Bursary**  
A gift of the Trent Central Student Association. Awarded to a student in any year who displays academic progress. OSOTF guidelines apply.
- » **Trent Student Financial Assistance Fund**  
Supported by alumni, friends, faculty and staff to enable Trent University to respond to the evolving and growing needs of students today and into the future. To be awarded to Canadian or International students enrolled in a full or part-time undergraduate or graduate program, and seeking a Trent University degree. Based upon financial need.
- » **Trent University Alumni Bursary**  
Established by the Trent University Alumni Association. Awarded to returning students who have made a significant contribution to University life.
- » **Trent University S & A Bursaries**  
Established by the employees of Trent University. Awarded to students who demonstrate all-round achievement and character, and are permanent residents of the Province of Ontario.
- » **D. R. Walling Family Bursary**  
Established by the Walling Corporation of Lindsay. Awarded to students majoring in business or environmental studies. Based on fitness/health and community involvement.
- » **P. S. B. Wilson Bursary**  
Established in honour of Paul S. B. Wilson, Director of Athletics. Awarded to a returning student on the basis of a significant contribution to the athletics program. OSOTF guidelines apply.
- » **Ontario Public Service Employees Union – Local 365 (Trent) Bursary**  
Established by the concerned members of OPSEU local 365 at Trent University. Awarded to a worthy undergraduate or graduate student. OSOTF guidelines apply.

## External Bursaries

Many organizations and companies offer bursary assistance to post-secondary students. The following bursaries are administered through the Trent University Financial Aid Office.

- » **Leonard Foundation**  
Bursaries averaging \$1,250. Preference will be given to sons and daughters of clergy, teachers, military personnel, graduates of RMC, members of the Engineering Institute of Canada and the Mining and Metallurgical Institute of Canada. Application deadline is March 15. Applications are available through the Financial Aid Office.
- » **Royal Canadian Legion**  
Bursary assistance of up to \$1,000. Awarded to War veterans and their children and grandchildren, ordinary members of the Legion and their children and grandchildren, associate members of the Legion and their children, and Ladies Auxiliary members and their children. Awards are determined by the District Bursary Committee. Applications are available at the Financial Aid Office.

## Donor Supported Awards

Financial aid through Trent University's award program is designed to acknowledge those students with outstanding academic qualifications and proven financial need. Many of these awards are made possible through the Ontario Student Opportunity Trust Fund. In 1996–1997 the Province of Ontario established the Ontario Student Opportunity Trust Fund. Fifty percent of this fund is provided by the Province, and 50% has been raised through fund raising initiatives by the University. The trust fund represents an endowment fund. Annual proceeds from investment earnings are available in the form of awards to Ontario residents enrolled full-time, part-time or as graduate students. (Refer to specific OSOTF residency guidelines listed under bursaries.)

- » **AdityaJha Indigenous Studies Awards**  
Established by entrepreneur AdityaJha, founder of Osellus Corporation and the POA Educational Foundation, in support of undergraduate or graduate students demonstrating financial need as well as academic achievement in Indigenous Studies or their chosen field. Preference will be given to applicants of Aboriginal heritage. Essay or references may be requested. OTSS guidelines apply.
- » **Bagnani Graduate Awards**  
Established in 1997 by the Dewar Memorial Fund, these annual awards honour the late Professor Gilbert and Stewart Bagnani. Graduate awards will be granted to Ontario students who demonstrate both academic excellence and financial need. Preference will be given to graduate students in classical (traditional) disciplines of the humanities, especially Classics, Archaeology/ Anthropology, Ancient History, History, Philosophy and English. OSOTF guidelines apply.



- » **de Pencier Family Award**  
The gift of business executive, John de Pencier, a long time member of Trent's Board of Governors and chair from 1987 – 1991, and his wife, Marni, Trent parents. Awarded to a student of high academic standing who is in financial need. OSOTF guidelines apply.
- » **Five Sisters PhD Award**  
This Award honours the lives and contributions of the five Moraff Sisters, the daughters of Herman (Hymie) Moraff and Ida Feder Moraff who came to Canada in their youth and settled in the Mi'kmaq territory of Sydney, NS. Encouraged by their parents, all five sisters undertook post-secondary education before marrying, which was contrary to popular custom in the 1940s and 1950s. They held advanced education in high esteem and encouraged their children to complete college/university in their chosen fields. This one-time award is for doctoral candidates in the PhD program in the Department of Indigenous Studies who have completed at least a first draft of their doctoral dissertation, and is graduating in the year of the award. OTSS guidelines may apply.
- » **Graduate Students Award**  
Established by an anonymous graduate of Trent, this is awarded to graduate students with financial need. OSOTF guidelines apply.
- » **William & Jeffrey Hamblin Memorial Graduate Award**  
Established in memory of William and Jeffrey Hamblin. Awarded to a graduate student of high academic standing who is in financial need and enrolled in any program. Available to students outside of Ontario.
- » **William & Jeffrey Hamblin Memorial Ontario Graduate Award**  
Established in memory of William and Jeffrey Hamblin. Awarded to a graduate student of high academic standing who is in financial need and enrolled in any program. OTSS guidelines apply.
- » **R. B. Johnston Fund for Archaeology**  
The gift of an anonymous donor, this fund recognizes the contribution of the late Prof. Richard B. Johnston to Ontario archaeology. The fund supports thesis research by graduate students in the Anthropology graduate program. Projects in the archaeology of northeastern North America are preferred, and one or more grants are awarded annually.
- » **Ian & Lorraine Logan Graduate Award**  
To be awarded to a graduate student in Canadian Studies interested in forward-looking, but not restrictive, public policy research. To be awarded based on financial need and an excellent academic record to a student studying in an area such as: goals for Canada, Canadian values, public policy innovation strategies, governance issues, demographic options, multiculturalism, Canada as a world influence and model, or a related topic. OTSS guidelines apply.
- » **Lopes Family Award**  
Established by Ana P. Lopes, a member of Trent's Board of Governors, in honour of her parents, Antonio F. and Gertrudes M. Lopes, originally of Lisbon, Portugal, in recognition of their interest in politics and current affairs and their leadership and community service within the Portuguese-speaking community of Canada. Awarded to a student in financial need who has demonstrated high proficiency in Western European Studies, with special consideration of Portuguese Studies. OSOTF guidelines apply.
- » **Jack Matthews Study & Research Abroad Award**  
Named in honour of the founding director of the Trent International Program and Honorary Degree recipient. Awarded to undergraduate students going on a Trent study abroad program and to graduate students studying and researching in an international setting as part of a Trent program. The award is based on financial need and an excellent academic record. OTSS guidelines apply.
- » **McLean Foundation Graduate Research Award**  
This award provides graduate students with an opportunity to participate in 16 weeks of paid, full-time, research-based activity in the summer. The intent is for the research to be student-initiated. Research must focus on topics in Environmental Studies, Watershed Ecosystems, Biology or Geography. By application. See the Office of Research for details. OSOTF guidelines apply.
- » **Meyer-Larose Family Graduate Award**  
Established by Winston Meyer and his family. Awarded to a motivated graduate student who demonstrates academic excellence and financial need and is studying applied science that will provide tangible solutions to global need. OTSS guidelines apply.
- » **Moore Family Canadian & International Graduate Awards**  
Established in 2014 by David & Joan Moore. David is a passionate advocate for Trent having served on the Board of Governors from 1981-1996 and having chaired the For Tomorrow Campaign. A lifetime appointment as Honorary Governor was granted in 1996. Preference will be given to Canadian and/or International students enrolled in full-time graduate programs, and seeking a Trent University degree.
- » **Mary Northway Graduate Award in Canadian Studies**  
Established in honour of Mary Northway (1909-1987). Based on the recommendation of the Programme, these funds will be distributed to graduate students in Canadian Studies & Indigenous Studies. Priority will be given to qualified incoming PhD students, but MA students are also eligible for lower amounts of funding. Any one individual award in any one year will not normally exceed \$5,000. OSOTF guidelines apply.

- » **Patterson Award for Aboriginal Language Studies**  
Established in memory of Sarah D. Patterson (1889–1979), a Mohawk of the Bear Clan who was born at Six Nations and spoke four languages; Mohawk, Cayuga, Tuscarora and English. Awarded to an upper year or graduate student of high academic standing who is in financial need and shows a keen interest in Aboriginal languages.
- » **Petersen Burfield Family Graduate Award**  
This award has been established in memory of Niels and Margaret (Betty) Petersen. It is available to graduate students in the field of Anthropology. OSOTF guidelines apply.
- » **Zailig Pollock Graduate Award**  
Named in honour of the founding director of the Masters program in English Literature (Public Texts). Awarded to a full-time graduate student in the Masters program in English Literature with high academic standing and financial need. OTSS guidelines apply.
- » **Robert Darou Norris Prichard Award**  
Awarded to a full-time graduate student entering final year of Environmental and Life Sciences. Applicants must demonstrate excellent academic achievement and financial need with preference given to residents of the Counties of Haliburton, Northumberland, Peterborough, Victoria and the Regional Municipality of Durham. OTSS guidelines apply.
- » **Peter L Roach Award**  
Established to honour Peter L. Roach, Director of Education from 1975 to 1992, in recognition of his years of service to the Peterborough Victoria Northumberland and Clarington Roman Catholic Separate School Board. In selecting the recipient, priority will be given to a student who has studied in the P.V.N.C. Separate School system and who displays academic excellence and financial need. The funding for this award was provided initially by the employees of the P.V.N.C. Separate School Board through the For Tomorrow Campaign and by friends and associates of Mr. Peter Roach. Additional funding was provided by donations to the Ontario Student Opportunity Trust fund. OSOTF guidelines apply.
- » **University Women's 50th Anniversary Award**  
Established by the University Women's Club of Peterborough (now CFUW Peterborough) in 1987 in honour of their 50th anniversary. Awarded to a female student currently registered in first year of a graduate program who has completed an undergraduate degree at Trent University.
- » **Dr. Laura Weintraub Award**  
Dr. Laura Weintraub was passionately interested in Aboriginal education, specifically the impact of learning disabilities on Indigenous Canadians and their opportunities to obtain a good education. This award was established by her friends and family to mark her life and work in this field. Awarded to a student enrolled in a graduate or post-degree professional program whose academic interest and research is in the area of learning disabilities and/or the learning needs of Aboriginal people. OSOTF guidelines apply.

- » **Helen Whiteside Memorial Award**  
Established in memory of Helen Whiteside, the first woman to serve as a member of Trent's Board of Governors. Awarded to a graduate student who demonstrates high academic achievement and financial need and is enrolled in any program. OTSS guidelines apply.

#### Graduate Prizes

- » **CIC Prize in Materials Science**  
Established by the Peterborough Chapter of the Chemical Institute of Canada, the CIC Prize in Materials Science will be awarded annually in support of graduate students demonstrating academic achievement in the Materials Science program.
- » **Leonard Conolly Graduate Students Travel Fund**  
The Leonard Conolly Graduate Students Travel Fund will support travel for graduate students in the MA in English Literature (Public Texts) program to conduct research or deliver their findings at conferences.
- » **Richard B. Johnston Graduate Studies Prize**  
This \$1000 prize has been created by the family of former Trent Professor Richard B Johnston to recognize his dedication to advancing archaeological studies in North America. It will be awarded to a graduate student studying the archaeology of indigenous populations, early settlers, or the native fauna or flora of northeastern North America; students conducting research in Ontario will be given special consideration. Preference will be given to students in their final year of studies, so they can present the findings of their research at academic conferences.
- » **John C. McDonald Prize**  
Established in memory of Professor John C. McDonald, former chairman of the Sociology department.
- » **Public Texts Graduate Prize**  
Awarded to an outstanding student graduating from the MA in English Literature (Public Texts).

#### Academic Distinctions

- » **President's Medal**  
The President's Medal was established in 2009 to reward academic excellence and achievement of the graduate studies level. The winners are selected from four categories: Master of Arts (social sciences and humanities), Doctor of Philosophy (social sciences and humanities), Master of Science (sciences), and Doctor of Philosophy (sciences).
- » **Governor-General's Academic Gold Medal**  
Awarded to the graduate student who achieves the highest academic standing among those who are convocating, on the recommendation of the Committee on Graduate Studies based on nominations from the graduate programs. Presented each year at Convocation.

## Other Funding Available to Graduate Students

### Graduate Teaching Assistantships (GTAs)

The School of Graduate Studies awards a number of assistantships to full-time graduate students each year. In return for the stipend involved, the students are required to work up to 10 hours per week (on average), generally assisting with some aspect of the undergraduate teaching program. The terms of employment are governed under the Collective Agreement with CUPE Local 3908, Unit 2 and Trent University.

A full-time graduate student may be eligible for a GTA for a maximum of four terms for students in a Masters thesis stream and up to two terms in a Masters non-thesis streams and up to eight terms for a PhD student,

Graduate Teaching Assistantships (GTAs) and Research Assistantships administered by Trent University will be paid through the university payroll office, on a monthly basis.

**Entrance Awards** – Awarded to outstanding applicants to graduate programs. Awards are normally up to \$2,000 and are awarded at the time of offer of admission.

**Dean's PhD Scholarships** – Offered to doctoral students to support research in their graduate programs. Normally offered at the time of admission.

**Research Fellowships** – support provided to graduate students in the humanities and social sciences as part of support toward their research. Awards are \$4,000 for masters students and \$5,000 for PhD students. Awards are normally offered at the time of admission.

### Other Sources Of Funding

Students looking for other sources of funding, may want to research other available scholarship opportunities found on various websites. Many scholarship opportunities can be found at:

[www.scholarshipscanada.com](http://www.scholarshipscanada.com)

[www.studentawards.com](http://www.studentawards.com)

## Alumni Association

Alumni House, Champlain College

705-748-1573

[alumni@trentu.ca](mailto:alumni@trentu.ca)

Fax: 705-748-1785

[www.trentu.ca/alumni](http://www.trentu.ca/alumni)

Studying at Trent University is an exciting and important time in a student's life, but it is just one phase in the lifelong relationship that the Alumni Association fosters and encourages. Trent's alumni remain informed, interested, and involved long after graduation day. Alumni House is a popular facility for many University events, as well as a destination for returning alumni, particularly on Homecoming Weekend each year. Twenty-five chapters across Canada and overseas provide opportunities for Trent alumni to meet in their home communities, and recent graduates help represent the University to secondary school students. Our magazine, *Trent*, is provided to alumni and friends around the world three times per year.

Trent's alumni number over 42,000 representing 140 different countries. The success of our alumni as liberal arts and science graduates is impressive and diverse; take a look at the online version of *Trent* at [www.trentu.ca/trentmagazine](http://www.trentu.ca/trentmagazine) to read about the accomplishments of some of our most distinguished alumni.

Alumni involvement is visible every day at Trent through bursaries, awards, prizes, scholarships, support for student groups and programs, hospitality to new students, special lectures, and sponsored events. University committees and boards benefit from alumni participation. This strong and lasting bond that alumni form for Trent is an indication of the richness of their experiences as students.

## Athletics and Recreation Programs

705-748-1257

[www.trentu.ca/athletics](http://www.trentu.ca/athletics)

Fax: 705-748-1447

[tcsrc@trentu.ca](mailto:tcsrc@trentu.ca)

Facility Bookings: [acbookings@trentu.ca](mailto:acbookings@trentu.ca)

Trent offers a diversified athletic and recreation program in Peterborough, including organized inter-university varsity competition and sport club competitive teams, an award-winning Campus Recreation intramural program, fitness activities, and informal recreational activities. At the heart of fitness programming is the new Athletics Centre at Trent. Opened in September 2010, this state-of-the-art facility contains an indoor rowing and paddling tank and a new fitness centre, including new cardio and strength equipment, an indoor climbing wall, a 25-metre pool, a double gymnasium, squash courts, a sports medicine centre, a warm therapy pool, retrofitted change rooms with saunas, and a café. These indoor facilities are complemented by a variety of unparalleled outdoor recreation highlights, including: access to the Otonabee River; a stadium complete with an artificial grass playing field, a track with lighting, and seating for 1,000 spectators; a second natural grass playing field; a canoe centre; and extensive nature areas for hiking.

Inter-university and intramural competition is organized in a wide range of sports. Trent University is a full member of Ontario University Athletics and Canadian Inter-University Sport, the Ontario College Athletic Association, and the Canadian University Field Lacrosse Association. On the varsity level, the Trent Excalibur has 13 varsity teams, including: cross-country running, curling, men's field lacrosse, rowing, rugby, soccer, and volleyball, as well as two club teams for golf and women's field lacrosse, and an extramural hockey team. Trent's award-winning Intramural program includes activities such as inner tube water polo, basketball, hockey, soccer, softball, badminton, squash, flag football, volleyball, dodge ball, and Ultimate Frisbee. A complete schedule of aquatic leadership and fitness programs is also available. Trent has an active club program with teams involved in interuniversity competition at the club level in fencing, mountain biking, triathlon, martial arts, badminton, and dancing.

Trent Athletics is the largest student employer on campus. There are employment opportunities in member services, aquatics, varsity event operations, sports camps, building maintenance, sports media team, campus recreation, and fitness instruction.

## Bus Service

[bus@trentcentral.ca](mailto:bus@trentcentral.ca)      [www.trentcentral.ca/transit](http://www.trentcentral.ca/transit)

Trent's Symons and Trill campuses are connected to each other and to the city by dedicated bus routes operated by the City of Peterborough. The Trent Express is operated specifically for students and other members of the Trent community during the Fall and Winter sessions, and is scheduled to coordinate with the University's academic timetable. A reduced Trent Express service is maintained throughout the summer months as well. The City's George Street North bus runs regularly and connects Trent with nearby neighbourhoods.

An optional transportation fee may be paid by full-time graduate and part-time students that entitle them to a bus pass honoured on all City of Peterborough bus routes. There are three bus pass purchase options; one year, 8-month or 4-month. Please see the Term and Conditions posted at [www.trentcentral.ca/transit](http://www.trentcentral.ca/transit) for complete details. For questions or comments about the Trent bus service, please contact the Trent Central Student Association at [bus@trentcentral.ca](mailto:bus@trentcentral.ca) or 705-748-1000.

## Career Centre

Champlain College, Room 204

[careers@trentu.ca](mailto:careers@trentu.ca)      [www.trentu.ca/careers](http://www.trentu.ca/careers)

Peterborough: 705-748-1011 ext. 6012

Oshawa: 905-435-5100

The Career Centre is your on-campus and online resource for planning your career and finding employment. Whether this is your first year or your graduating year, it is never too early to start planning for your future. The Career Centre provides services to undergraduate and graduate students at the Peterborough and Oshawa campuses.

The Career Centre is open year-round for all students and graduates who seek career- and work-related information and guidance. Students will find information on different career options and effective work search strategies as well as resources for graduate school and further education opportunities. Career and employment workshops on topics like resumes, interview skills, career planning, and career assessment are held throughout the school year. Individual appointments are available for resume/cover letter critiques and career counselling.

The Career Centre also invites students from all disciplines to connect with employers, recruiters, and graduate and professional school representatives through several on-campus career fairs and other networking events hosted by the Career Centre throughout the academic year.

### Online Resources

Visit the Trent Job Board: [www.trentu.ca/mytrent](http://www.trentu.ca/mytrent)

Find out about exciting upcoming events:

[www.trentu.ca/careers](http://www.trentu.ca/careers)

Access career planning tools and learning about effective work search strategies by visiting our Career Guide:

[www.trentu.ca/careers/careerguide](http://www.trentu.ca/careers/careerguide)

Connect with Trent alumni:

[www.trentu.ca/careers/mentoring](http://www.trentu.ca/careers/mentoring).

Find out what you can do with your Trent degree by visiting us on-campus or

online: [www.trentu.ca/careers/students](http://www.trentu.ca/careers/students)

## Child Care Centre

### Trent University Site & Administration Office

1600 West Bank Drive

705-748-1096 ext. 1

[info@trentchildcare.com](mailto:info@trentchildcare.com)

[www.trentchildcare.com](http://www.trentchildcare.com)

Trent Child Care Inc. is a non-profit organization offering a wide range of programs within the County and City of Peterborough for children between the ages of 6 weeks and 12 years. Our campus site is licensed for 64 children from 6 weeks to 5 years. Trent Child Care staff value quality child care and espouse the organization's values. All staff members have Early Childhood Education diplomas and maintain current First-Aid and Infant-Child CPR training. Trent Child Care is licensed by the Ministry of Education under the Ontario Day Nurseries Act. The organization offers care to all members of the community, and fee subsidies are available for those who qualify.

Please direct all registration enquiries to the Trent Child Care Administration Office, 705-748-1096 ext. 1. All applications for registration are processed through online registration available on our website. Early registration is urged, as waiting lists exist at all of our sites

## Conference & Hospitality Services

Lady Eaton College

705-748-1260

Fax: 705-748-1209

[conferences@trentu.ca](mailto:conferences@trentu.ca)

[www.meetattrent.com](http://www.meetattrent.com)

Trent's Conference & Hospitality Services provide event services to internal and external clients hosting events on campus. We utilize residences, classrooms, and dining halls outside of academic timeframes to generate revenue to support the University's operating budget. Conference & Hospitality Services provides employment opportunities to students during the academic year and through the summer months. Accommodation for visiting students and their families is available from May to August. If you are interested in taking your own graduation photos you can rent graduation gowns through this office. Contact us if you have questions or are planning an event on campus.

## First Peoples House of Learning Student Services

705-748-1011 ext. 7905 [fphl@trentu.ca](mailto:fphl@trentu.ca)  
 Fax: 705-748-1416 [www.trentu.ca/fphl](http://www.trentu.ca/fphl)

First Peoples House of Learning, located in the Enweying building on Symons campus, is responsible for providing transition services, recruitment services, Indigenous knowledge sharing, culture-based student programs, and supporting academic and retention services. It facilitates Indigenous initiatives and community-building for all Trent University students, staff, and faculty at both the Peterborough and in Oshawa campuses. First Peoples House of Learning provides a cultural gathering space for students in the Ska'nikonhra/Benedict Gathering Place, located on the first floor of Enweying; the Nendimowin: Elders and Students Centre, located in Enweying 322; and the Ceremonial grounds, which include the Tipi and the Sweat Lodge. It also provides students with the use of computers, a telephone, a microwave, and a quiet study space.

### Cultural Counsellor (Advisor)

The counsellor provides culture-based personal counselling for all Trent University students, including issues regarding university life and academics as well as personal problems that arise as a result of school or other life experiences. Appointments and referrals to long-term counselling can be arranged. Advocacy for students with their professors or other University departments is also available. The cultural counsellor provides a variety of services to support contemporary and traditional Indigenous knowledge sharing within the University community. Cultural events such as the Visiting Elders and Traditional Teacher Program, the Tipi and Traditional Teaching days, and the Elders and Traditional Peoples Gathering are a part of the range of culture-based traditional activities and workshops hosted throughout the academic year.

### Student Success Coordinator

The Indigenous student success coordinator is available to provide retention and academic support services for all Trent University students. The Indigenous student success coordinator helps to administer retention services including peer tutoring, peer mentoring, and the peer ambassadors within the Naadimaagewin program, and assists students with funding applications and some housing needs. Academic advising is also available for degree planning, petitions, and other requirements. Contact the student success coordinator if you are interested in entering the Foundations of Indigenous Learning. Advocacy is available for any Indigenous student needing to connect with a department or service within the University.

### Foundations of Indigenous Learning Courses

Indigenous students from all disciplines are welcome to take the Foundations of Indigenous Learning courses, which consist of INDG 1011H: Foundations of Indigenous Learning: Writing, and INDG 1012: Foundations of Indigenous Learning: Research. These courses provide students with the basic skills for academic success.

Throughout the courses, the Foundations of Indigenous Learning coordinator facilitates students' learning development and provides the resources necessary for Indigenous students' success in the discipline of their choice. The Foundations of Indigenous Learning courses are delivered within a holistic model—they provide students with opportunities to learn in a variety of ways that includes their emotional, mental, physical, and spiritual selves.

### Access for Indigenous Students

Trent University provides access and transition services for individuals of Indigenous heritage through the Foundations of Indigenous Learning Diploma. This program is offered through the First Peoples House of Learning.

### Naadimaagewin Program

[www.trentu.ca/indigenous/naadimaagewin.php](http://www.trentu.ca/indigenous/naadimaagewin.php)

The Naadimaagewin program is a peer-learning and peer support program that offers a variety of group and individual academic supports for all students. Peer tutoring and skills workshops are provided on a schedule throughout the year on topics such as time management, essay writing, and exam preparation. Individual academic help is available through the student success coordinator, who can arrange for tutors from any of the departments on campus for students in need of specific course support. The program also offers cultural knowledge sharing and skill-building workshops during the year.

### Trent University Native Association (TUNA)

Location: Enweying 322

[tuna@trentu.ca](mailto:tuna@trentu.ca)

Established in 1969, TUNA is an Indigenous student association bringing together Indigenous and non-Indigenous students throughout the University to share knowledge culture traditions and build community. It is a body organized by, for, and about Trent's Indigenous student population. All are welcome to join and participate in TUNA social events and intramural sports. TUNA organizes various cultural, social, and recreational events throughout the year and provides a forum to discuss and address issues affecting Indigenous peoples at Trent and in the broader community.

## Information Technology

705-748-1010

[it@trentu.ca](mailto:it@trentu.ca)

Fax: 705-748-1122

[www.trentu.ca/it](http://www.trentu.ca/it)

A wide variety of computing and media resources is available to members of the Trent academic community in support of their research, learning, teaching, and scholarship. These include wireless Internet access for registered and visiting students (on eduroam), RezNet (for students in residence), public labs providing Internet access, e-mail, the myTrent student portal, the myTrent express mobile portal, the online LearningSystem, web print services, web publishing space, and audio-visual equipment. All computing services are available from computer labs on campus, with many also available from other locations over the Internet. Instructional technology support services are available to on-campus academic programs and to Distance Education programs. Reservations for multi-media equipment for school projects are available online via the myTrent portal.

Computing resources are accessible only through personalized computer accounts, available to all faculty, staff, and students through Information Technology. Trent's computer facilities are available for use free of charge by all Trent students and Trent employees (except printing in labs). These accounts provide access to a suite of services with Google Apps for Education including Mail, Google drive (Docs), Sites, Groups, and Talk, as well as web registration and other student resources. Students can keep their account for life as long as they maintain active usage. Inactive accounts will be removed from the system approximately 16 months after graduation.

The Trent computer labs are general purpose facilities loaded with all pertinent Windows software suites. A Mac computer lab is available to students in Bata Library. Users must have their Trent username and password in order to log into the computers in the labs or connect to campus WiFi (AirTrent). Computer labs are located in Bata Library, Otonabee College, the DNA building, Traill's Scott House, and Oshawa. Usage of computing resources must be in accordance with published policies. Network printers are available in the labs for student use. Print credit for lab printing can be purchased online in myTrent using the TrentU Card program. Scanners are available for sign-out at the IT Service Desk at Bata Library and at the Oshawa Library. For a complete list of services, see the Service Catalogue on the IT web page listed above.



## Library & Archives

### THOMAS J. BATA LIBRARY, PETERBOROUGH

705-748-1011 ext. 7423 [libraryhelp@trentu.ca](mailto:libraryhelp@trentu.ca)

Fax: 705-748-1126 [www.trentu.ca/library](http://www.trentu.ca/library)

### OSHAWA CAMPUS LIBRARY

705-748-1011 ext. 5061 [oshawalibrary@trentu.ca](mailto:oshawalibrary@trentu.ca)

905-435-5102 [www.trentu.ca/library/oshawa](http://www.trentu.ca/library/oshawa)

### University Librarian

**R. F. Clarke**, BA, MLS (McGill)

### Librarians and Archivists

**K. Field**, BMusEd (Dalhousie), MLS (UBC), Grad Prof Cert (Victoria)

**J. Luyben**, BA, MLS (Western)

**J. Millard**, BA (McMaster), MLS (Toronto), Dipl.Cult.Con. (Victoria), MA (McMaster)

**E. Olsen-Lynch**, BSc (Brock), MLIS (Western)

**G. Ripley**, BA, MLS (Western)

**M. Scigliano**, BA (Toronto), MLS (Dalhousie), MA (Concordia)

**J. Watson**, BA (Carleton), BEd (Lakehead), MA (Laurentian), MLIS (Western)

**B. Znamirowski**, BA (Queen's), MLS (Dalhousie)

The Trent University Library & Archives houses collections and services that support study, research, and teaching at the Thomas J. Bata Library, located on the Symons Campus in Peterborough, and the Oshawa Campus Library, located at the Thornton Road Campus. Bata Library is the architectural focal point of the Symons Campus featuring spectacular views of the Otonabee River. Its student-centred environment offers inviting spaces for individual or group study, computer stations, and Wi-Fi access. The Oshawa Campus Library is a full service branch where students have access to the entire range of electronic resources and print materials, including those located in Bata Library.

The Library website offers online library skills tutorials, subject guides, and other tools to guide students through the research process. General and specialized library instruction programs for groups and individuals are facilitated by librarians at both campuses. The online Library catalogue (TOPCAT) provides access to the library collection, which includes over 600,000 print volumes, an extensive microform collection, 250,000 government publications, and more than 85,000 maps and 24,300 air photos. Students also have access to a vast array of licensed electronic scholarly resources, including more than 350,000 electronic books and 30,000 electronic journals, available to users at all times both on and off campus. The Library's collections are supplemented by a free inter-library loan service.

Trent University Archives ([trentu.ca/library/archives](http://trentu.ca/library/archives)) serves as a regional archive preserving private historical records of Peterborough County and the surrounding area and holds the non-current records of the university. Holdings comprise over 1,400 metres of textual records—family, business, association, and institutional papers—as well as 40,000

photographs, maps, and other graphic items. In addition, the collection contains a number of special collections of published materials focusing on rare Canadiana, including the G. M. Douglas Arctic Collection, the Floyd Chalmers Collection of Canadian Explorations, and the A. J. M. Smith Collection of Canadian poetry and literature.

The Maps, Data & Government Information Centre (MaDGIC) ([www.trentu.ca/library/madgic](http://www.trentu.ca/library/madgic)) serves as the campus centre for geospatial and statistical data, offering technical support to students and researchers using Geographic Information Systems (GIS) technologies. MaDGIC manages the site licence for ESRI software and coordinates a number of data partnerships with the public and private sectors. MaDGIC participates in university research partnerships and coordinates the Regional Environmental History Atlas (REHA) project. It also serves as a regional depository for government publications, maps, aerial photography, and imagery published by the government of Canada and the government of Ontario. The Centre's historic collections date back to Confederation and include parliamentary papers, debates, bills, statutes, budget information, and censuses of population and agriculture.

Trent University Library & Archives is a partner in the Ontario Council of University Libraries and the Canadian Research Knowledge Network. It is a member of the Ontario Library Association, the Association of Canadian Archivists, the Association of Canadian Map Libraries, the Ontario Teacher Education Library Association, and the American Library Association.

## Off-Campus Housing Service

Suite 110 – Blackburn Hall [housing@trentu.ca](mailto:housing@trentu.ca)

705-748-1011, ext. 7128 [www.trentu.ca/housing](http://www.trentu.ca/housing)

The Off-Campus Housing service offers a variety of listings of accommodations in the Peterborough area, as well as copies of the Residential Tenancies Act and basic information on renting an apartment or house. There are also a small number of apartments available for graduate students at the Traill College campus in apartment style residences. Listings are posted regularly and can be viewed year-round on our website. Students are welcome to visit the Housing Office to view the listings, ask questions and/or pick up a map of the City of Peterborough. You can look at our website or e-mail us for more information.

## Print Shop & Mail Room

Blackburn Hall, Suite 136

Print Shop: 705-748-1403 [printshop@trentu.ca](mailto:printshop@trentu.ca)  
[www.trentu.ca/printshop](http://www.trentu.ca/printshop)

Mail Room: 705-748-1011 ext. 7433

Fax: 705-748-1655 [mailroom@trentu.ca](mailto:mailroom@trentu.ca)

The Trent Print Shop and Mail Room are open for business to the Trent community. The Print Shop can accommodate a wide variety of needs, including colour copies, transparencies, posters, brochures, photocopies, binding, folding and finishing services, large format printing, paper sales, photocopy card sales, business cards, and more. Please refer to the Print Shop website for hours of operation and further details on the services offered; we accept cash, cheque, and Interac. All enquiries may be addressed by telephone or e-mail. The Print Shop accepts orders via e-mail at [printshop@trentu.ca](mailto:printshop@trentu.ca).

The Mail Room provides a centralized system for Trent University mail and complies with the laws, regulations, and rates of Canada Post. Inter-college and outgoing mail will be processed and distributed only if it pertains to official Trent University activities. Official mail may include promotional material distributed on behalf of Trent University departments. Mail is collected and delivered throughout the campus once per day. All postal rates are subject to the Federal Goods and Services Tax (GST). Mail Services provides the Canada Post services of Registered Mail, Security Registered, and Insurance. We also administer the services of UPS. Standard envelopes are available from our current stationery supplier.

## Office of Student Affairs

### Peterborough

705-748-1011 ext. 7125 [studentaffairs@trentu.ca](mailto:studentaffairs@trentu.ca)  
 Fax: 705-748-1109 [www.trentu.ca/studentaffairs](http://www.trentu.ca/studentaffairs)

### Oshawa

905-435-5102 ext. 5054 [saoshawa@trentu.ca](mailto:saoshawa@trentu.ca)  
 Fax: 905-435-5101 [www.trentu.ca/oshawa/student-life](http://www.trentu.ca/oshawa/student-life)

The Office of Student Affairs provides administrative and programming support to the various departments that coordinate student services on both the Peterborough and Oshawa campuses.

In Peterborough, these services include the Academic Skills Centre, the Career Centre, the Student Wellness Centre (Counselling, Health, and Student Accessibility Services), Housing and Food Services, Spiritual Affairs, and Orientation. The Office of Student Affairs coordinates student-based committees to help raise awareness, address concerns, assess student event risks, and make recommendations for improvements that will benefit the students and the University. Student Affairs works closely with student associations to coordinate and deliver services and activities for students.

In Oshawa, these services include the Academic Skills Centre, Career Counselling, Personal Counselling, Student Accessibility Services, Food Services, the Durham Regional Transit bus pass, health and wellness education, student leadership programming, new student programming, and New Student Orientation. Oshawa Student Affairs works with student government leaders of the Trent in Oshawa Student Association (TOSA) and other campus groups to engage with the Durham Region community. Working collaboratively, it anticipates and addresses concerns and makes recommendations that will benefit the students and the University.

Student Affairs facilitates multiple leadership opportunities, Introductory Seminar Week, New Student Orientation, peer support programming, and the Impact Leadership program. The Co-Curricular Record is an official Trent document acknowledging student accomplishments that occur outside the classroom and are not for academic degree credit. Student leadership positions, awards, workshops, and other events can be considered for recognition on the Co-Curricular Record. Student Affairs helps create an engaged campus environment that helps foster engaged, empathetic, and dedicated students.

## Student Health & Dental Benefit Plans

Graduate Student Health Benefits Office  
 Wallis Hall 223 [gradhealth@trentu.ca](mailto:gradhealth@trentu.ca)  
[www.trentgsa.ca/health-dental-plan](http://www.trentgsa.ca/health-dental-plan)

The Student Benefits Plan offers full-year health and dental coverage to all eligible students. The fee for the Student Benefits Plan is mandatory and is automatically billed to all eligible students at the same time as tuition, ancillary and other student fees. All full time and part-time students are automatically included on the plan. Students may choose to opt-in dependents to receive coverage during the opt-in period. The pricing schedule and deadline for this option will be made available on the GSA's website. Students may opt-out of the benefits plan if they have existing health and/or dental coverage. In order to opt-out eligible students must register and complete the online opt-out at [www.studentvip.ca/tgsa](http://www.studentvip.ca/tgsa), before the advertised deadline. This deadline is firm and will be advertised each year on the Association's website, and by e-mail. Refunds will be returned via direct deposit into the students bank account which is required as part of the opt-out. Refunds will be processed in mid-October to late November. Students must opt-out yearly, opt-outs do not carry forward year to year. Students may use the same login at the Student VIP website each year to opt-out and previous years information will be pre-populated into the form for ease of use.

Students who have opted out of the TGSA benefit plan under an alternative plan may opt back in if they lose their alternative coverage. Students must opt-in to the plan(s) within thirty days of losing alternative coverage. To do so, please go to the Health Benefits office and complete a Loss of Coverage Opt-In request form.

Students are encouraged to contact the Health Benefits Office or visit the website to learn more about the Benefits Plan options and confirm opt-out deadlines as soon as they arrive on campus; it is each student's responsibility to meet all deadlines associated with the Benefits Plans.

For reasons of personal information and privacy protection, the Graduate Health Benefits Office can discuss information pertaining to an individual's status on the plan(s) only with the plan holder.

All services are completely confidential.

## The Student Wellness Centre at Blackburn Hall

[www.trentu.ca/wellness](http://www.trentu.ca/wellness)

The mission of the Student Wellness Centre is to provide holistic and integrated support in meeting the bio-psycho-social needs of students studying at Trent University. The Student Wellness Centre consists of Health, Counselling, and Accessibility Services. The shared mandate of our interdisciplinary team supports student success and personal well-being through the provision of timely and effective clinical interventions and accommodations.

The departments of the Student Wellness Centre form a circle of care and may need to consult one another to coordinate student supports and ensure continuity of care. This level of disclosure is on a need-to-know basis; health and/or personal information will not be shared without expressed written consent, unless there is reason to believe that a student is at serious risk of harm to self or others.

### Counselling Services

#### Peterborough

Trent Counselling Centre, Blackburn Hall, Suite 113  
705-748-1386 [counselling@trentu.ca](mailto:counselling@trentu.ca)  
Fax: 705-748-1137 [www.trentu.ca/counselling](http://www.trentu.ca/counselling)

#### Oshawa

55 Thornton Road S., Room 111  
905-435-5102 ext. 5024 [corinnphillips@trentu.ca](mailto:corinnphillips@trentu.ca)  
Fax: 905-435-5107 [www.trentu.ca/oshawa/student-life](http://www.trentu.ca/oshawa/student-life)

The Counselling Centre provides individual, group, and crisis counselling to all full- and part-time undergraduate and graduate students free of charge. We are committed to providing confidential services that respect the dignity and value of all people regardless of age, gender, ethnicity, physical qualities, sexual identity, and ability. Many students seek support for specific concerns related to anxiety, depression, grief, identity, and relationship challenges, while other students come with less defined difficulties like low motivation, poor self-image/esteem, stress, loneliness, and adjustment issues. All of these personal concerns can interfere with academic performance and emotional well-being. Often it takes only a few counselling sessions to find a solution, or at least to view the problem from a more manageable perspective. Referrals within Peterborough or Oshawa and the Durham region can be arranged as appropriate. Limited psychiatric services are also provided to Peterborough students. To register, visit our website, call, or drop by the office.

## Student Accessibility Services

#### Peterborough

Blackburn Hall, Suite 132 [accessabilityservices@trentu.ca](mailto:accessabilityservices@trentu.ca)  
705-748-1281 TDD: 705-748-1482  
Fax: 705-748-1509 [www.trentu.ca/sas](http://www.trentu.ca/sas)

#### Oshawa

Trent Oshawa Thornton Road, Room 111  
905-435-5102 ext. 5024 [corinnphillips@trentu.ca](mailto:corinnphillips@trentu.ca)  
Fax: 905-435-5107 [www.trentu.ca/oshawa/student-life](http://www.trentu.ca/oshawa/student-life)

Within its resources, Trent University endeavours to ensure the accessibility of its Peterborough and Oshawa campuses and programs to all students. The University has Student Accessibility Services Offices and a committed team providing support and advocacy on behalf of students with physical, sensory, medical, psychological, or learning disabilities. Some of the services provided include assistance with obtaining note-takers, coordination of alternative exams, training in adaptive technology, academic coaching and learning strategies, and liaison with faculty members and support agencies in the community.

Students with mobility impairments are urged to visit the campus that they plan to attend in order to determine its suitability to their needs. Most buildings are equipped with ramps and/or elevators to provide access for persons with mobility difficulties. Students with disabilities who are considering attending Trent are strongly encouraged to contact SAS at the time of application, since some action may be necessary in advance to accommodate the student's needs. For example, in the case of a learning disability, where appropriate, formal diagnosis and assessment of the condition will be required. Normally this would include a report prepared by a registered psychologist within the past three years. In all cases, early identification of needs is extremely important.

The Student Accessibility Services Office co-administers, with the Financial Aid Office, the Ontario Bursary for Students with Disabilities for eligible students who incur disability-related educational expenses. Students with disabilities are encouraged to become aware of assistance that is available through various private and public agencies. Students from other jurisdictions should investigate the availability of assistance through such agencies in their home province or country.

## Student Health Services

Blackburn Hall, Room 111

705-748-1481

[karenjohnston3@trentu.ca](mailto:karenjohnston3@trentu.ca)

Fax: 705-748-1055

[www.trentu.ca/healthservices](http://www.trentu.ca/healthservices)

Facebook: [TrentHealthServices](https://www.facebook.com/TrentHealthServices) Twitter: [@TrentHealthServ](https://twitter.com/TrentHealthServ)

Hours: 9:00 am–12:00 pm / 1:30–4:00 pm, Monday to Friday during the academic year.

Service is reduced in May, June, and July. The office is closed in August.

Student Health Services provides primary health care to all current students. A full range of confidential medical services is available, including services related to the following: immunizations; allergy injections; wound care; physical exams; STI information, testing, and counselling; PAP testing; birth control; pregnancy tests; emergency contraception; health and wellness counselling (nutrition, healthy weight, smoking cessation); acute and chronic illness treatment; mental health assessments; medical referrals; and first aid. Dietician and naturopathic doctor services are also available to students for a fee.

All clinics require booked appointments. Please bring your student card. Ontario residents must have an Ontario Health Insurance Plan (OHIP) card. For students from another province, that province's health insurance is accepted as equivalent. Health cards and student cards must be presented at every visit to Health Services. International students require University Health Insurance Plan (UHIP) coverage (or equivalent) and should contact the Trent International Program for details. According to the School of Nursing's recommendations, BScN students must have up-to-date immunizations prior to attending Trent University.

## Trent Spiritual Affairs

Spiritual Affairs offers programming around multi-faith matters in consultation and partnership with various interest groups on campus. In addition, Spiritual Affairs provides special campus events such as: Remembrance Day Service, Introductory Seminar Week, memorial services, as well as providing counselling for students looking for a non-secular alternative to current campus services.

In partnership with the Trent Chaplaincy Board, Trent University provides the pastoral services of The Reverend W. Glenn Empey who serves as the Spiritual Affairs Coordinator. Glenn has a strong chaplaincy background both in the educational and health care sectors. He has extensive experience as a pastor, teacher, and mentor.

Services, resources, and activities available for students at Trent from Spiritual Affairs:

- pastoral and spiritual support
- mentor for official student groups of various world faiths
- building healthy community and overcoming barriers
- “Quiet Space” for prayer, meditation, reflection, worship, sacraments, reflection, pastoral programmes, religious and scriptural study
- ongoing pastoral ministry
- resource for Trent students on religious matters
- pastoral counselling
- outreach opportunities for Trent University to local community
- social justice projects

Contact Spiritual Affairs at extension 7213 on Symons Campus or e-mail [glennempey@trentu.ca](mailto:glennempey@trentu.ca)

## Trent Graduate Students' Association

All registered graduate students, full- or part-time and including those enrolled under the Trent/Queen's agreement, become, by virtue of the fee paid, a member of the Trent Graduate Students' Association (TGSA). This association exists separately from the Trent Central Student Association (TCSA). The board, which organizes social and informal academic events, consists of five elected executive officers, senate and CUPE representatives, two commissioners and representatives from each graduate program. Elections take place yearly in October or April. Graduate students are also represented on the University Senate, Graduate Studies Committee and Aboriginal Education Council, as well as on the committees of Animal Care, Computer Services, Library Services, Interactive Learning Centre, Nature Areas, Technology for Teaching and Learning, Health and Safety, Human Rights, Special Appeals, Educational Development, and Colleges and Student Services. In addition, there are TGSA representatives on several important temporary committees and awards committees, such as Teaching Awards, Research (NSERC and SSHRC) and Distinguished Research. Those interested in serving either on the TGSA executive, board, or on one of the committees should contact the current TGSA executive at [gsa@trentu.ca](mailto:gsa@trentu.ca). Please see [trentgsa.ca](http://trentgsa.ca) for a complete list of positions available.

Conference fee allowances are made available through the TGSA on a per semester basis.

The aim of these programs is to enhance the social and academic life of graduate students at Trent University by providing opportunities to communicate with each other, and with the entire University Community about issues of particular interest to graduate students.

The Current executive welcomes the participation and assistance of all members.

## Oshawa Campus Student Services

A full range of student services are offered on the Oshawa campus, including Academic Skills Instruction, Career Counselling, Disability Services, Personal Counselling, Recreational and Intramural Athletics and Student Leadership programming. In addition, all Oshawa students can take advantage of the Durham College Campus Health Centre and full-time students receive a Durham Regional Transit (DRT) UPASS pass which provides unlimited access to all DRT buses. For more information visit the Oshawa Student Life and Student Services web page at [www.trentu.ca/oshawa/studentlife\\_services.php](http://www.trentu.ca/oshawa/studentlife_services.php)

## The Graduate College

Named in honour of the noted author, botanist and pioneer settler of the Peterborough area, Catharine Parr Traill College is one of the founding colleges of Trent University. An integral part of the academic and social life of Trent University as a whole, Traill College is an active community, beautifully situated on a drumlin overlooking central Peterborough.

Traill College is the home of most of Trent University's graduate programs in the Humanities and Social Sciences including the MA programs in English, in History, and in Theory, Culture & Politics; the MA and PhD program in Canadian Studies & Indigenous Studies, and the PhD program in Cultural Studies. In 2008, Traill became the University's graduate studies college, serving all graduate students in all disciplines. Undergraduate students currently affiliated with the College maintain that affiliation through to graduation.

As part of the evolution of Traill College, space within the college's historically significant buildings and the modern Wallis Hall has been converted into office space for graduate students and faculty, and accommodations for graduate students. The new Bagnani Hall provides state-of-the-art teaching facilities as well as the elegant Bagnani Room for small academic and social functions. The ground floor of Scott House has also been renovated to provide facilities in support of the graduate programs and undergraduate teaching. Other College facilities include Junior and Senior Common rooms and The Trend, a College café and pub.

As a graduate studies college, Traill College retains some of its undergraduate roots. Several undergraduate courses continue to be offered and taught at the College and the offices of the undergraduate programs in Canadian Studies, Cultural Studies and English continue to be located there.

The intellectual life of the College is supplemented by a thriving visitors program organized by students and faculty. The program gives members of the College the opportunity to meet informally with writers, artists, politicians, musicians and scholars. Recent guests have included writers Yann Martel, Barbara Gowdy, Charlotte Gray, Jane Urquhart, Frances Itani, Lawrence Hill, Alistair MacLeod, Charles Foran and Douglas Glover; Toronto Star columnist Linwood Barclay; historian Dr. Margaret MacMillan; international development economist Dr. Amiya Kumar Bagchi; former Principal Dancer with the National Ballet of Canada, Frank Augustyn; and editor, publisher and educator, Dr. Cynthia Good.

Traill is also home to the Thomas H.B. Symons Graduate Seminar Series and the Alan Wilson Reading Room. The excellent facilities and quiet atmosphere of the College offer a comfortable working environment for both students and faculty. Regular and frequent bus service connects the College with the Symons Campus, and Traill's close proximity to downtown Peterborough provides easy access to the Peterborough Public Library, art galleries, movie theatres, live concerts, churches, restaurants, pubs and more.

## Office of Research

The Office of Research supports the University community in its mission to “advance learning through the creative interaction of teaching and research of the highest quality.” Responsible for achievement of Trent’s research goals and objectives, the Office of Research works in co-operation with other departments to implement the University’s Strategic Research Plan. The Office of Research is responsible for the coordination and promotion of research and scholarship within the University.

In particular, the Office of Research works with local, regional, national, and international members of the research community to promote and steward excellence and diversity in research with an emphasis on interdisciplinary research; open, accountable research practices; the involvement of students in research; and the training of highly qualified personnel. The office is also responsible for the provision of resources to researchers.

### Mailing Address

Trent University, 1600 West Bank Drive, Peterborough, Ontario K9J 7B8

### Office Location

Gzowski College, 2151 East Bank Drive, Suite 344  
705-748-1011 ext. 7050 [research@trentu.ca](mailto:research@trentu.ca)  
Fax: 705-748-1587 [www.trentu.ca/research](http://www.trentu.ca/research)

### Vice-President, Research and International

**N. Emery**, BSc, PhD

### Administrative Assistant

**C. Johns**, BA (Trent)

### Director, Office of Research

**C. J. Gates**, BA (Trent), MEd (Toronto)



### Canadian Environmental Modelling Centre

Contact: **D. Ellis**, *Chemistry*

[davidellis@trentu.ca](mailto:davidellis@trentu.ca)      [www.trentu.ca/cemc](http://www.trentu.ca/cemc)

The mission of the Canadian Environmental Modelling Centre (CEMC) is to contribute to the improved management of chemicals in our environment by acquiring and analyzing appropriate data and developing, validating, and disseminating mass balance models that describe the fate of chemicals in the environment. The objective of the CEMC is to understand and predict quantitatively the pathways of contaminant transport and the resulting exposure. When we can establish a quantitative link between sources, exposure, and risk of effects, we are in a strong position to control sources to acceptably low levels, avoiding the problems of unacceptable contamination from excessive sources on the one hand, and uneconomic, unnecessary regulations on the other. Emphasis at the CEMC is placed on training undergraduate and graduate students in environmental science, on co-operation with the other faculty at Trent, and on providing research services relevant to current Canadian and international needs. The CEMC is a part of the larger, multi-university Canadian Environmental Modelling Network (CEMN) and collaborates actively with other researchers both nationally and internationally.

### Centre for Health Studies

Contact: **D. Kennett**, *Psychology*

[dkennett@trentu.ca](mailto:dkennett@trentu.ca)      [www.trentu.ca/ihs](http://www.trentu.ca/ihs)

The objectives of the Centre for Health Studies are to provide a focus for the different types of research conducted at Trent on various aspects of health, to foster greater communication among health researchers within and outside the University, and to facilitate the training of students (both graduate and undergraduate) for careers and research in health-related fields.

### Centre for the Study of Theory, Culture & Politics

Contact: **D. Holdsworth**, *Environmental & Resource Science/Studies*

[theory@trentu.ca](mailto:theory@trentu.ca)      [www.trentu.ca/theorycentre](http://www.trentu.ca/theorycentre)

The Centre for the Study of Theory, Culture & Politics encourages research and teaching guided by critical/theoretical orientations that have emerged from contemporary developments in the humanities and social sciences. These orientations test the limits of conventional disciplines and contribute to the study of the complex network of relations that links knowledge, culture, and politics. The Centre is concerned with fostering substantive projects of research as well as fundamental reflection on conceptual and methodological issues. The Centre aims to integrate teaching and research, and to encourage the work of both emerging and established scholars. It promotes scholarly research and interchange through conferences, symposia, speaker series, and specific research projects and publications. The MA Program in Theory, Culture and Politics is based at the Centre, and the PhD Program in Cultural Studies is also affiliated with the Centre.

### Frost Centre for Canadian Studies & Indigenous Studies

Contact: **J. Milloy**

[fcdirector@trentu.ca](mailto:fcdirector@trentu.ca)      [www.trentu.ca/frostcentre](http://www.trentu.ca/frostcentre)

Established in 1982, the Frost Centre is named in honour of Leslie Frost, the first chancellor of Trent University. The Centre fosters interdisciplinary research in Canadian Studies and Indigenous Studies at Trent. It administers two graduate programs: the MA in Canadian Studies & Indigenous Studies, and the PhD in Canadian Studies (jointly administered with the School of Canadian Studies at Carleton University). The Frost Centre works closely with humanities, social science, and other interdisciplinary departments and programs at Trent.

## Institute for Watershed Science

Contact: **C. Metcalfe**, *Environmental & Resource Science/ Studies*

[cmcalfe@trentu.ca](mailto:cmcalfe@trentu.ca)      [www.trentu.ca/iws](http://www.trentu.ca/iws)

The Institute for Watershed Science is a partnership between Trent University, Fleming College, and the Ontario Ministry of Natural Resources. Its goal is to further the understanding of physical and ecological processes governing watershed function and to develop and transfer this knowledge, associated methods, and tools to support water management decision making. The Institute fosters multi-disciplinary collaboration using the significant research expertise in watershed science of Trent University, the extensive resource management and GIS (Geographical Information Systems) expertise of Fleming College, and the applied research, management, and policy expertise of the provincial ministry. Complementing this partnership is collaboration with other government agencies, academic institutions, non-government organizations, and the private sector. The Institute is committed to the transfer of knowledge on watershed science to practitioners through publications, courses, workshops, and conferences.

## James McLean Oliver Ecological Centre

Contact: **E. Sager**, *Manager*

[esager@trentu.ca](mailto:esager@trentu.ca)      [www.trentu.ca/olivercentre](http://www.trentu.ca/olivercentre)

The James McLean Oliver Ecological Centre is located on Pigeon Lake, 45 minutes north of Trent's main campus. The 270-acre waterfront property serves as an ecological field station and a centre for long-term ecological and environmental research in collaboration with other universities, government agencies, and local groups. Major areas of focus are climate change, long-term monitoring of biological communities, the responses of ecosystems to pollutant stress, and nutrient dynamics and ecosystem changes in the Kawartha Lakes. The property contains a number of terrestrial and aquatic habitats with a rich diversity of flora and fauna.

## Natural Resources DNA Profiling and Forensic Centre

Contacts:

**B. White**, [bradley.white@nrdfpc.ca](mailto:bradley.white@nrdfpc.ca)

**B. Seyler**, [bseyler@nrdfpc.ca](mailto:bseyler@nrdfpc.ca)

[www.nrdfpc.ca](http://www.nrdfpc.ca)

The Centre (NRDPFC) houses state-of-the-art automated DNA analytical infrastructure and is located in Block A of the DNA Building. The DNA Building was opened in 2006 following \$7.2 million of funding from the Canada Foundation for Innovation (CFI) and the Ontario Innovation Trust (OIT), together with support from partners including the Ontario Ministry of Natural Resources (OMNR). The Centre provides a range of DNA services, from automated DNA extractions to DNA profiling and sequencing, to Trent faculty and students and researchers at other universities, government scientists, and the private sector. The infrastructure includes the Wildlife DNA Forensic Laboratory that provides forensic services for a number of provincial, national, and international agencies including the OMNR, Parks Canada, the Department of Fisheries and Oceans, Environment Canada, the US Fish and Wildlife Service, and the US National Marine Fisheries Service. It also houses an ancient DNA laboratory for the analysis of historical DNA samples and a Biohazard level III containment facility for research on wildlife diseases like rabies and Lyme disease. The genomics and automation facilities contain a Roche 454 GS Junior next generation sequencer, 2 ABI 3730 sequencers, 4 automated liquid handlers, automated storage freezers, and thermal cyclers, including ABI real-time instruments. Ongoing NRDPFC genomic projects include those focused on conservation of threatened and endangered species such as the North Atlantic right whale, woodland caribou, wolverine, and badger, together with the genomic analysis of dairy goats and applications of genomics to food traceability and genotoxin analysis.

## Trent Biomaterials Research Program & Laboratory

Contact: **S. Narine**, *Physics & Astronomy, Chemistry*  
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Work within the TCBR is centred on creating sustainable materials from agricultural feedstock. The focus is not only on the development of the specific materials, but also on the development of models for agricultural utilization, and on assessments of geographical, environmental, and commercial impacts. This is a research program where science meets social science and humanities, and where the creation and use of biomaterials is being examined within an ethical framework. One of only a handful of programs of its kind in the world, the TCBR is a leader in this life-changing approach to research. The TCBR's unique interdisciplinary nature examines the full spectrum of the biomaterials endeavour, from the crop to the development of bio-based products and the implications of their use. State-of-the-art laboratories consisting of 15,000 square feet of space are spread over four distinct laboratory groups. Each group examines a particular consideration of biomaterials. This design, combined with Trent's remarkable facilities and equipment, positions the TCBR as a world leader in the development and study of biomaterials.

## Trent Centre for Aging & Society

Contact: **M. Skinner**, *Geography*  
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The Trent Centre for Aging & Society draws upon Trent's interdisciplinary strengths in the humanities, social sciences, health sciences, and professional schools to promote research and awareness about aging, old age, and the life course. Its objectives are to bring together Trent faculty, visiting scholars, students, and community members with an interest in aging; support educational programs at the graduate level and through non-credit courses for senior groups in the Peterborough area; and create linkages to other aging centres, institutes, agencies, and networks of research and learning in Canada and beyond. Further collaborations and exchange are fostered through speaker, seminar, and symposia series. The Centre's academic leadership advocates the diversity of the aging experience, challenges ageist policies and practices, and provides expertise for the understanding and planning of aging futures.

## Trent Centre for Materials Research

Contact: **A. J. Vreugdenhil**, *Chemistry*  
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The Trent Centre for Materials Research fosters research at Trent leading to an improved understanding of the properties of materials of potential benefit to industry, and the training of highly qualified personnel in these areas. To do this, the Centre brings together Trent faculty with research interests in applied materials research, currently in the departments of Chemistry and Physics & Astronomy. Its goals are to improve communications and cross-fertilization of research among the faculty and their graduate students, develop research collaborations, and expose all of the participants to a broad spectrum of research, both experimental and theoretical, in the materials area. The Centre holds research seminars as part of, and in addition to, the weekly Physics/Chemistry seminar series.

## Trent Centre for the Critical Study of Global Power & Politics

Contact: **A. Pickel**, *Political Studies, Global Politics Section*  
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The Centre for the Critical Study of Global Power & Politics provides a focal point for faculty, students, and external members; hosts speakers and events; holds workshops; and runs topical working groups. The Centre publishes scholarly papers, discussion papers, and political position papers on various dimensions of global power and politics. It considers itself critical above all in the sense of "questioning the pretensions of organized power" (Harold Innis). At the Centre we use an inter-disciplinary political-economy approach to explore the relationship between states and markets, or power and wealth, as well as how these relationships interact with environmental issues, spatial and historical contexts, social hierarchies, and cultures and identities. In this age of "globalization," we are particularly interested in research that calls into question the traditional separation between the political economy of "domestic/national" contexts and that of the "international/global" realm. The Centre strongly encourages student participation in its activities.

## Trent University Archaeological Research Centre

Contact: **J. Williams**, *Anthropology*

[jocelynwilliams@trentu.ca](mailto:jocelynwilliams@trentu.ca) [www.trentu.ca/tuarc](http://www.trentu.ca/tuarc)

The Trent University Archaeological Research Centre (TUARC) is dedicated to the investigation and understanding of the human past through the analysis of studies of material culture, skeletal remains, environmental data, field research, and archival evidence. TUARC works to educate students and interested community members through courses, publications, and lectures about the past, and it facilitates collaboration among professional archaeologists, researchers, graduate students, and volunteers in the Peterborough region. Research facilities include specialized laboratories for human osteology, Meso-American archaeology, Ontario archaeology, Geographical Information Systems, use wear analysis, isotope geochemistry, and zooarchaeology. TUARC sponsors workshops and special courses on archaeology, assists with the publication of the findings of associated scholars, organizes public lectures on recent archaeological discoveries and advances, and maintains a resource room and library. TUARC also works closely with Trent's graduate program in Anthropology, providing collaborative research grants and a forum for graduate students and professional archaeologists to meet and discuss current research in the discipline.

## Water Quality Centre

Contact: **D. Wallschläger**, *Chemistry, Environmental & Resource Studies/Science*

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The mission of the Trent University Water Quality Centre is to advance new approaches to environmental analyses. The Centre develops and refines techniques to the point where they can be disseminated to and used by researchers, industries, government agencies, and analytical service providers. The Centre is not a routine analytical laboratory; however, it is available to provide specialized analytical services to internal (Trent) and external clients to allow them to deal with emerging environmental issues in a timely and cost-effective fashion. In order to accomplish this, the Centre seeks to form strategic partnerships with individuals and groups from industrial, governmental, and NGO sectors.

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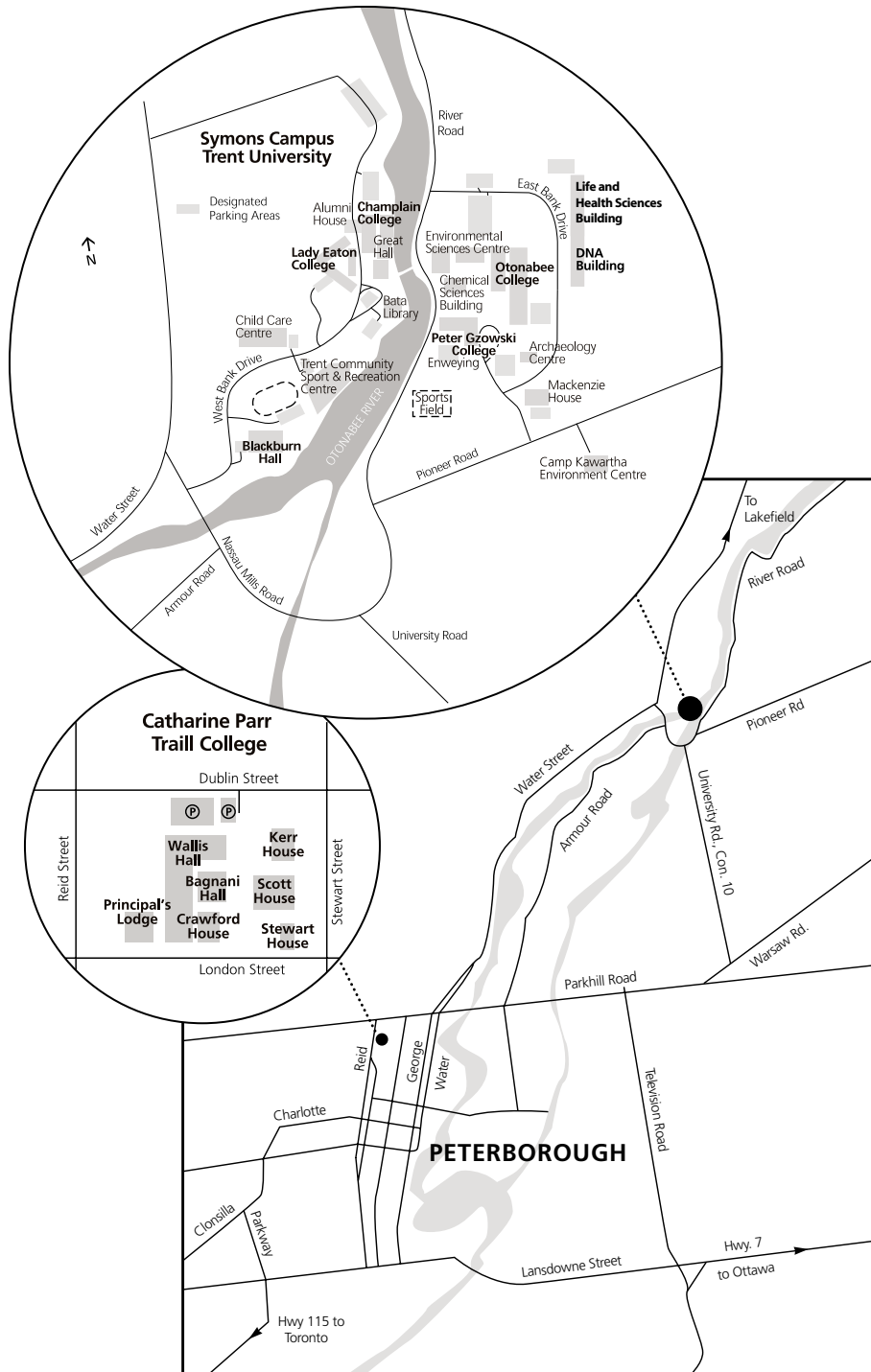
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