



SENATE MEETING AGENDA

Tuesday, December 6, 2016



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THE COMMONS - POD 250

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- 4:30 p.m.** Light dinner is available
- 5:00 p.m.** Committee of the Whole presentation and discussion: Chris Evans, Interim Provost and Vice President Academic, will briefly describe some issues regarding the Policy and Procedures Relating to Search Committees and Appointments in the Academic Administration ("the AAA policy"), and then the policy will be open for discussion.
- 5:45 p.m.** Senate Meeting starts
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1. Call to Order/Establishment of Quorum
2. Approval of Agenda
Motion: *That Senate approve the agenda for the December 6, 2016 meeting*
3. Announcements
- Pages 1-5 4. Minutes of Previous Meeting
Motion: *That Senate approve the minutes of the November 1, 2016 meeting*
5. Matters Arising from the Minutes
6. Correspondence
- Pages 6-10 7. Reports
 - 7.1 Report of the President
 - 7.1.1 President's Update
- Pages 11-14 7.2 Achievement Report
 - 7.3 Report of the Secretary

7.4 Committee Reports

Pages 15-22

7.4.1 Report #F2016-1 of the Scholarly Research and Creative Activity Committee (SRCAC): U. George

7.4.1.1 Policy 51 (Proposed new title: *Ethical Conduct for Research Involving Human Participants*). Draft policy and summary of changes attached.

Motion: *That Senate approve the revised Policy 51 (Proposed new title: Ethical Conduct for Research Involving Human Participants) as included in the agenda*

7.4.1.2 Update on review process for Policy 118 (*SRC Integrity*)

Pages 23-31

7.4.2 Report #F2016-3 of the Academic Governance and Policy Committee (AGPC): C. Evans

7.4.2.1 Policy 76 (*Development and Review of Certificate Programs*). Draft revision to change the minimum number of courses in a certificate from six to four.

Motion: *That Senate approve the revisions to Policy 76 (Development and Review of Certificate Programs) as described in the agenda*

Pages 32-33

7.4.3 Report #F2016-3 of the Academic Standards Committee (ASC): M. Moshé

7.4.3.1 Cancellation of EID 500 (Experiential Semester in Digital Entrepreneurship and Innovation) and the Optional Specialization in Digital Entrepreneurship and Innovation

Motion: *That Senate approve the cancellation of EID 500 (Experiential Semester in Digital Entrepreneurship and Innovation) and the Optional Specialization in Digital Entrepreneurship and Innovation*

Pages 34-37

7.4.4 Report #F2016-1 of the Awards and Ceremonials Committee for information: C. Evans

8. Old Business

9. New Business as Circulated

10. Members' Business

11. Consent Agenda

11.1 Course changes from:

Faculty of Arts: *Economics; English; History; Languages,*

Literatures & Cultures; Politics & Public Administration; Sociology

Faculty of Communication & Design: *Creative Industries; Fashion; Journalism; RTA School of Media*

Faculty of Community Services: *Disability Studies; Nutrition*

Faculty of Engineering & Architectural Science: *Civil Engineering; Electrical & Computer Engineering*

Faculty of Science: *Chemistry & Biology; Computer Science; Physics*

Ted Rogers School of Management: *Health Services Management; Hospitality & Tourism Management; Information Technology Management;*

12. Adjournment



SENATE MINUTES OF MEETING

Tuesday, November 1, 2016

MEMBERS PRESENT:

EX-OFFICIO:	FACULTY:		STUDENTS:
L. Barnoff	C. Antonescu	E. Kam	W. Fraser
I. Coe	R. Botelho	L. Kolasa	P. Gusciora
T. Duever	T. Burke	K. Kumar	Y. Helmy
C. Evans	B. Ceh	A. Mathews-David	A. Latchman
C. Falzon	D. Checkland	A. McWilliams	M. Masood
C. Hack	R. Chumak-Horbatsch	N. Naghibi	N. Piragic
M. Lachemi	K. Church	L. Pine	F. Y. Zhang
H. Lane Vetere	P. Danziger	S. Rakhmayil	
M. Lefebvre	Y. Derbal	C. Schryer	
J. Mactavish	H. Doshi	J. Tiessen	
M. Moshé	C. Dowling	K. Underwood	
S. Murphy	N. Eichenlaub	K. Venkatakrishnan	
D. O'Neil Green	A. Ferworn	S. Wehbi	
P. Stenton	J. Friedman	J. Zboralski	
P. Sugiman	E. Harley		
S. Zolfaghari	R. Hudyma		
SENATE ASSOCIATES:			EX-OFFICIO STUDENTS:
A. M. Brinsmead			V. Morton
M. Zouri			J. Rodriguez
REGRETS:	ABSENT:		ALUMNI:
S. Benda	A. Robb		
M. Bountrogianni	A. Wong		
R. Frankle			
U. George			
D. Mason			
M. Rodrigues			
R. Rodrigues			
J. Winton			

1. Call to Order/Establishment of Quorum
2. Approval of Agenda
Motion: *That Senate approve the agenda for the November 1, 2016 meeting*

A. McWilliams moved; D. Checkland seconded
Motion Approved.
3. Announcements - None
4. Minutes of Previous Meeting
Motion: *That Senate approve the minutes of the October 4, 2016 meeting*

A. McWilliams moved; M. Lefebvre seconded
Motion Approved.
5. Matters Arising from the Minutes - None
6. Correspondence - None
7. Reports
 - 7.1 Report of the President
 - 7.1.1 President's Update

President Lachemi updated Senate members regarding ongoing searches for a number of positions, noting that they are proceeding well and that announcements will be communicated as decisions are made.

The second of four videos created for the 2016 Alumni Weekend was presented. Vincent Hui, from Architectural Science, was featured.

7.2 Achievement Report – see the agenda.

7.3 Report of the Secretary

J. Turtle reported that there is ongoing work to fill vacancies on Senate and some committees. He expects to bring the names of two graduate student representatives for Senate to the next meeting, as well as a replacement for an undergraduate student Senator who had to step down from their at-large position.

7.4 Report from the University Planning Office (UPO) regarding the Strategic Mandate Agreement (SMA) process. P. Stenton presented a verbal overview of this process. He stated that it is not known who will be negotiating on behalf of the government, or what the details of the process will be, but said it was important for the University to be planning for several possibilities and wanted Senate to be informed. Paul discussed several factors likely to be at issue in the process, including demography changes across the province, Ryerson's past experiences with funding formulas, enrolment planning and other issues. He noted that the current Academic Plan

is a main driver of Ryerson's plans for the future, and that the Planning Office will update Senate when more news is received from the government .

7.5 Ryerson's 2014 Diversity Self-ID Report: D. O'Neil Green presented and offered statistics on various segments of staff diversity at Ryerson. She advised members to check the Report and the data at <http://www.ryerson.ca/diversityselfid/reporting/>

Denise noted that the report provides a baseline as to where Ryerson stands now, so that we can work to increase diversity in the future.

A Senate member asked if there were any plans to look at the linguistic diversity of the University. Denise responded that her office will be looking into this and may include this information in the next report.

7.6 Committee Reports

7.6.1 Report #F2016-2 of the Academic Governance and Policy Committee (AGPC): C. Evans presented.

7.6.1.1 Concentrations Policy

Motion: *That Senate approve the draft Concentrations Policy as described in the agenda*

C. Evans moved; A. Latchman seconded.

Motion Approved.

7.6.1.2 Department of Politics and Public Administration Bylaw – Reinserting Article 4.1.7, which was removed in the previous revision

Motion: *That Senate approve the Department of Politics and Public Administration Bylaw amendment as described in the agenda*

C. Evans moved; M. Lefebvre seconded

A memo from Neil Thomlinson, Chair of the Department Council, was circulated at the meeting and accepted by C. Evans as a friendly amendment to the motion.

Motion Approved.

7.6.2 Report #F2016-2 of the Academic Standards Committee (ASC): M. Moshé (attached)

7.6.2.1 Department of Electrical and Computer Engineering (FEAS) – Removal of Options

Motion: *That Senate approve the removal of options from the Electrical Engineering program as described in the ASC report.*

Marcia moved; T. Duever seconded

Motion Approved.

7.6.2.2 Minor in Caribbean Studies (Faculty of Arts) – New

Motion: *That Senate approve the creation of a Caribbean Studies Minor as described in the ASC report*

M. Moshé moved; P. Sugiman seconded

Motion Approved.

7.6.2.3 Department of History (Faculty of Arts): Removal of HIS 400 (*Reading, Writing and Using History*) from the History Program

Motion: *That Senate approve the removal of HIS 400 (Reading, Writing and Using History) from the History Program*

M. Moshé moved; T. Duever seconded

Motion Approved.

7.6.2.4 Hospitality and Tourism Management (TRSM) – Curriculum Modifications

Motion: *That Senate approve the Hospitality and Tourism Management curriculum modifications as described in the ASC report*

M. Moshé moved; S. Murphy seconded

Motion Approved.

7.6.2.5 Health Information Management (TRSM) – Curriculum Modifications

Motion: *That Senate approve the Health Information Management curriculum modifications as described in the ASC report*

M. Moshé moved; S. Murphy seconded

Motion Approved.

7.6.2.6 Honours Degree Designation for the following programs:

- Professional Communication (FCAD)
- Hospitality and Tourism Management (TRSM)
- English (Faculty of Arts)

Motion: *That Senate approve the Honours degree designation for the programs listed in the agenda.*

M. Moshé moved; K. Kumar seconded

Motion Approved.

7.6.2.7 For Information: Periodic Program Review Follow-up Reports (Biology; Chemistry; Fashion; Theatre; Hospitality and Tourism Management)

8. Old Business - None

9. New Business as Circulated - None

10. Members' Business - None

11. Consent Agenda

11.1 Progress Indicators from the University Planning Office (UPO)

http://www.ryerson.ca/senate/agenda/2016/Progress_Indicators_November_2017_Senate.pdf

11.2 Course Change Summary Forms for the 2017-2018 Calendar - 294 pages available at

http://ryerson.ca/senate/agenda/2016/Course_Change_Forms_Nov_2016.pdf

Faculty of Arts: *Arts (Common Platform); Criminology; Economics; English; Geography & Environmental Studies; History; Languages, Literature & Cultures; Philosophy; Politics & Public Administration; Psychology; Sociology*

Faculty of Communication & Design: *Creative Industries; Fashion; Graphic Communications Management; Image Arts; Journalism; Professional Communication; RTA School of Media*

Faculty of Community Services: *Child & Youth Care; Disability Studies; Midwifery; Nursing; Nutrition & Food; Social Work*

Faculty of Engineering & Architectural Science: *Chemical Engineering; Civil Engineering; Electrical & Computer Engineering*

Faculty of Science: *Chemistry & Biology*

Ted Rogers School of Management: *Accounting & Finance; Entrepreneurship & Strategy; Hospitality & Tourism; Human Resources Management/Organizational Behaviour; Information Technology Management; Marketing Management*

12. Adjournment.

The meeting adjourned at 6:38 p.m.

Ryerson University President's Update to Senate December 6, 2016



Royal Visit – On November 8th, as part of an official four-day trip to promote collaboration between Canada and Norway, Crown Prince Haakon and Crown Princess Mette-Marit visited the Student Learning Centre to meet with social innovators. His Royal Highness delivered a presentation on the history of innovation, followed by a panel including Maayan Ziv, founder of AccessNow; Norwegian-born and Toronto-based entrepreneur Johann Koss, founder of Right to Play; and Tariq Fancy, founder of The Rumie Initiative which distributes 'a library on a tablet' to under-served children around the world. The visit concluded with a roundtable at the Digital Media Experience lab on scaling up globally to build startups.

Congratulations

- Sarabjit (Sabi) Marwah (Doctor of Laws *honoris causa* '12), former vice-chairman and CEO of Scotiabank, has become the first Sikh appointed to the Senate of Canada among six new senators from Ontario, recognized by Prime Minister Justin Trudeau for his leadership in promoting and showcasing the rich diversity of Sikh and South Asian art and culture.
- Ojelanki Ngwenyama, professor of global management and director of the Institute of Innovation and Technology Management, Ted Rogers School of Management, has been inaugurated a member of the Academy of Science of South Africa, recognizing outstanding scholarship and contributions to society across borders and disciplines.
- ITMD Graduation – The third cohort of the Internationally Trained Medical Doctors (ITMD) Bridging Program graduated on October 21st, with participants from more than fifteen countries. The first of its kind in Canada, the program is run by Shafi Bhuiyan, distinguished visiting professor and Global Health Education and Research Fellow at The Chang School and Faculty of Community Services – and offers training for new careers in research, healthcare management, or non-licensed positions as an alternative to medical doctors licensing. Since launch in January 2015, the program has 47 graduates, with more than 60 per cent employed in healthcare research and management, pursuing higher education, and three practicing medicine at family physician residencies.

Farewell – Tyler Forkes, assistant vice-president Alumni Relations has been appointed the inaugural director of alumni engagement at the Queen's University Smith School of Business. Tyler's leadership at Ryerson has increased alumni engagement with outstanding success, including launching both the Ryerson University Alumni Association and The Ryerson Dinner in 2008, increasing participation in a transformed Alumni Weekend by more than 600 per cent, and tripling the number of formal alumni groups worldwide. The alumni relations team won the CCAE Silver Medal for Best Alumni Initiative for the "Welcome to the Family" convocation project, and has been named a world leader in alumni engagement by Future First National in the UK. The Ryerson community joins in extending our thanks to Tyler, and very best wishes.

DiverseCity onBoard - On November 7th Ryerson announced a \$500,000 gift from TD to strengthen diversity on the boards of not-for-profit and public sector organizations. Program expansion will focus on further increasing the representation of women, LGBTQ+ communities, the Aboriginal/Indigenous community, and persons with disabilities. The event also recognized DiverseCity onBoard's new affiliation with The G. Raymond Chang School of Continuing Education with a panel moderated by Senator Ratna Omidvar, Distinguished Visiting Professor and Founder of the Global Diversity Exchange (GDX), on building a more inclusive nation.

Remembrance Day – On November 11th the Ryerson community gathered for our annual ceremony on the Quad, recognizing all those whose service asked for a level of dedication and sacrifice we honour and cherish. Over the years, in various roles throughout the world, family and community members have experienced the ravages and longer lasting effects of war and conflict, in the pursuit of peace and the confident hope that understanding among nations will prevail. This year we had one of the largest turn-outs I can recall in my eighteen years at Ryerson, reflecting our commitment to shared values and leading by example in offering a caring and principled environment for learning, research, work and global engagement.

Social Justice Week – I was very pleased to offer greetings welcoming participants to Ryerson's 6th Annual Social Justice Week, on the theme "Decolonizing and Transforming Social Justice." The program over the week of October 31-November 4 presented a daily focus (Indigenous Sovereignty and Solidarity; Displacement and Inequality; Student National Day of Action; Social Justice and Mad Matters; Democracy and Green Economy for All) and an agenda of speakers, workshops and events encouraging engagement on a range of social justice issues. The Annual Mandela Lecture sponsored by the Office of Equity, Diversity and Inclusion, entitled *A New World is Possible: A Conversation on Anti-Black Racism*, was delivered by writer and filmmaker Dionne Brand, Toronto's third Poet Laureate (2009-2012). Special thanks to The Unifor Sam Gindin Chair in Social Justice and Democracy and everyone involved in this highly anticipated and critically important annual reflection on our values and responsibilities.

Precarious labour – A Ryerson study released to mark the International Day for the Eradication of Poverty (October 17) documents the experiences of 40 racialized immigrant women in the Greater Toronto Area working primarily in the personal services and food sectors. *"Working so hard and still so poor!" A Public Health Crisis in the Making: The Health Impacts of Precarious Work on Racialized Refugee and Immigrant Women* illustrates the adverse effects of casual, temporary and on-call work on the mental and physical health of women, their safety at work, and the cascading effects on their families and communities. The study warns that issues such as low wages, just-in-time schedules, poor health and safety standards, and lack of benefits are contributing to a public health crisis in the making. The study comes as the Special Advisors to the Ministry of Labour are drafting their final recommendations to the government of Ontario Changing Workplaces Review addressing the rapid growth of precarious work.

Law Practice Program (LLP) – At its November 9th Convocation the Law Society's Board of Directors accepted the revised recommendation (excerpt below) of the LSUC Professional Development & Competence Committee that The Pathways Pilot Project, which includes the Law Practice Program, be extended for two additional licensing years.

The September 22, 2016 report provided by the PD&C Committee to Convocation included a recommendation to end the Law Practice Program (“LPP”) component of the Pathways Pilot Project at the completion of three years, reflecting a majority view with a number of Committee members expressing dissent. The Law Society invited written comments and submissions on the Report, and received 93 public submissions from individuals, 104 individual comments linked to a petition, and 32 from organizations, associations, legal clinics, law schools and others – the majority of them addressing the Committee’s recommendation respecting the LPP.

Some of the Committee continues to be concerned that second-tier perceptions, financial sustainability and readiness for licensing are serious concerns when considering the LPP’s long-term viability. A minority of the Committee remains convinced that extending the pilot to continue the LPP is a serious error not justified by the evidence on which the Committee based its original recommendation.

The majority of the members of the Committee, however, has reflected further on the many submissions that speak to other options for approaching concerns about the LPP and caution the Law Society about ending it at too early a stage. Consultation is a meaningful, not pro forma, process and the Committee has taken what it has heard into account in formulating modified recommendations to Convocation. There appears to be interest from a range of perspectives for a broader analysis to be undertaken of the licensing process, which Pathways may have engendered.

All but two members of the Committee recommend that to enable this longer-term analysis, the current Pathways Pilot Project (both the LPP and articling enhancements) should be extended. In the Committee’s view, that extension should be for two years, specifically the 2017-2018 and 2018-2019 licensing years, to enable the gathering of more data on the LPP and articling and the larger analysis of licensing.

Ryerson Ranking – Research Infosource has moved Ryerson from the ‘primarily undergraduate’ tier to the ‘comprehensive research university’ tier effective fiscal 2015, recognizing the strength and momentum of its growth and development. To mark its 15th anniversary producing Canada’s research ranking guide, Research Infosource compiled a summary of the Top 50 universities in research income and peer-reviewed academic publications over the 2001-2015 period. Ryerson outperformed all other universities in the undergraduate tier with a 397% increase in research income, and ranked first in the growth of peer-reviewed publications, with an increase of 764% per cent over 15 years. In fiscal year 2015, Ryerson showed an increase in research income of 9.9 per cent, ranking third in the province and eighth nationally, compared to 0.2 percent provincial growth overall and national research income growth of just 0.6 per cent. Eleven of 18 universities ranked in Ontario experienced a decrease in research income. Ryerson is ranked 26th overall in the top 50 research universities 2016, one place higher than last year.

SSHRC Partnership Grant - The School of Disability Studies at Ryerson, and Project ReVision at the University of Guelph, have received a SSHRC partnership grant for Bodies in Translation: Activist Art, Technology and Access to Life, a project that will explore the connection between the arts and social justice. Co-directed by Dr. Eliza Chandler, a new colleague at Ryerson’s School of Disability Studies, and Dr. Carla Rice at the University of Guelph, the \$2.5 million grant, with \$2.5 million in matching funds, brings together 11 university partners and 12

community-based partners including the National Arts Centre, the Ontario Arts Council, and Musagetes.ca, an organization focused on the power of the arts to radically transform society.

Large-Scale Energy Storage - The Centre for Urban Energy (CUE) is partnering with Toronto Hydro to test a homegrown battery system in the heart of the city, the first time this kind of research has been conducted in an urban setting. The goal of the project, using a battery system manufactured by Mississauga-based ElectroVaya, is to demonstrate how off-peak electricity can be stored to improve grid performance during outages, fix power quality issues, and mitigate capacity constraints. Potential long-term benefits of the system may include harnessing more renewable energy such as wind and solar, reducing stress on aging infrastructure and enhancing grid performance. The project is an excellent experiential learning opportunity for Ryerson engineering students as a model of collaboration with industry.

ECOstudio – Ryerson, Seneca and the University of Toronto are partnering as 'ECOstudio' to design, build and operate an innovative solar-powered house at the intersection of density, affordability and sustainability. The solarBLOCK single-family dwelling can be built off-site and then shipped and reassembled, and incorporates advanced mechanical, energy and structural systems already under development and analysis at all three partnering institutions. The solarBLOCK house will find a permanent home at the Living City Centre Campus located at Kortright Conservation Area, a leading centre for sustainability education, demonstration and research in the Toronto area. Cross-discipline collaboration is providing an opportunity for students to gain invaluable experience in working with people outside their field.

Gateway 91 – On November 10th the Honourable Navdeep Bains announced a new soft landing program, to be run by Ryerson affiliate Zone Startups India (ZSI), for international companies looking to expand into India. Minister Bains was joined by the Hon. Michael Chan, Ontario Minister of International Trade, in announcing a partnership between the governments of Canada and Ontario that will fund the participation of five Canadian financial technology startups in the new program. Gateway 91 will offer services helping international technology companies set up office; and Zone Startups India will provide supports including work space within a community of likeminded entrepreneurs, local industry expert mentors, professional and administrative services for business establishment, corporate connections for customer development, and networking opportunities with potential investors.

Rams Men's Soccer – The Ryerson Rams men's soccer team finished the regular season with a 14-1-1 record, first in the OUA East and third nationally, qualifying for the Final Four for the fifth year in a row. The team competed hard in the OUA bronze medal game but did not qualify to move on to the CIS national finals. Great performances over the season were recognized with the following distinctions and awards:

OUA East Coach of the Year – Filip Prostran (second straight season)

OUA East Most Valuable Player – Raheem Rose (MVP 2015, Rookie of the Year 2014)

OUA East Division Rookie of the Year – Robert Boskovic

East Division First-Team All-Stars:

Praveen Ahilan, Robert Boskovic, Raheem Rose, Luka Lee, Jamie Baker

East Division Second-Team All-Star: Kyle Stewart

from the President's Calendar

October 11, 2016: I was pleased to bring together DMZ entrepreneur Tariq Fancy, founder of The Rumie Initiative fostering global literacy for children in marginal communities, and Laurie Robinson, Special Advisor on Aboriginal Issues to the Deputy Minister of Advanced Education and Skills Development.

October 12, 2016: I had the opportunity to introduce Jennifer Grass as Ryerson's new assistant vice-president university relations to Giles Gherson, Deputy Minister Research, Innovation and Science/Deputy Minister Economic Development and Growth.

October 17, 2016: On behalf of Ryerson I was pleased to sign a framework cooperation agreement with three universities in Algeria to promote academic collaboration and exchange, and to announce the establishment of three fellowships at the DMZ for international innovators.

October 20, 2016: I was delighted and proud to participate in the documentary filming the story of Syrian refugee Hani Al Moulia, an extraordinary young blind photographer now with us on a Ryerson scholarship studying computer engineering.

October 21, 2016: Ryerson's iBoost Zone was the Toronto organizing partner, along with Kansas City and Palo Alto, California in welcoming "Play for Tomorrow," an initiative founded on employing sports activities to address social challenges faced by under-served youth.

October 28, 2016: I was pleased to attend a talk given by The Hon. Navdeep Bains, Minister of Innovation, Science and Economic Development as part of the "Go North" event hosted by Google Canada to discuss shared ambition in building our startup ecosystem.

November 2, 2016: "Take Your Kids to Work Day" invites faculty and staff to bring their grade nine kids to campus and experience a day at Ryerson; including giving me a very special chance to meet and greet families and talk to students about their interests and goals.

November 2, 2016: Chancellor Bloomberg and I met with the Hon. Deb Matthews, Deputy Premier and Chair of Cabinet, Minister of Advanced Education and Skills Development, and Minister Responsible for Digital Government, to discuss Ryerson's role in contributing to government priorities in innovation and entrepreneurial leadership.

November 2-4, 2016: I attended the Ontario Economic Summit entitled "Building Prosperity by Strengthening the Innovation Ecosystem" promoting collaboration in stimulating growth and new investment to build Ontario as a competitive global innovation leader.

November 9, 2016: It was wonderful to spend an evening with Ryerson friends and benefactors at a "Meet the President" event for the Blue & Gold Society hosted by Valerie Pringle.

November 11, 2016: Ryerson welcomed partners from Schneider Electric at a lunch meeting hosted by the Centre for Urban Energy to recognize and discuss the innovative collaboration that is advancing research and testing and providing real-world experiential learning.

November 11, 2016: Bruce Lourie, President of the Ivey Foundation, was on campus for a visit and tour of the DMZ, representing an organization renowned for its mission of improving the well-being of Canadians in areas of significance particularly responsive to change.

RYERSON ACHIEVEMENT REPORT

A sampling of notable events on campus and appearances in the media by members of the Ryerson community for the December 2016 meeting of the Senate.

The Toronto Star featured **President Lachemi** in a profile piece titled “Building a bridge between science and humanity”, an article also picked up by Metro News.

Inside Toronto quoted **President Lachemi** in an article about the University’s new public realm.

CP24 reported on visit to the DMZ by the premiers of Ontario and Quebec.

Royal Central reported on the Crown Prince of Norway’s visit to Ryerson and the Student Learning Centre, with a group photo including **Chancellor Lawrence Bloomberg and President Mohamed Lachemi**. Hello! also reported on the visit, mentioning the royal couple explored Ryerson’s innovation zones, including social and digital start-up programs.

The Toronto Star and Flare Magazine reported on a \$1-million donation by Suzanne Rogers to launch The Suzanne Rogers Fashion Institute (SRFI), a fellowship program at Ryerson’s Faculty of Communication and Design: www.flare.com/fashion/the-suzanne-rogers-fashion-institute/

Techcircle (India) reported on Zone Startups India, a collaboration between the BSE Institute, Ryerson’s Digital Media Zone, Ryerson Futures Inc., and Simon Fraser University. Similar coverage appeared in the Times of India and Tech Portal India.

Harald Bauder, graduate program director, Immigration and Settlement Studies, spoke to the Toronto Star about Americans who might expect to pack up and move to Canada following the presidential election. The item also appeared in Our Windsor and Hamilton Spectator. **Usha George**, interim vice-president, research and innovation, spoke to CTV Vancouver about Americans considering moving to Canada. The item also aired on CTV News Calgary.

Notable profiled Theatre alumnus **Thom Allison** as its Notable Young Professional.

Canadian Government Executive published on “The Hackathon as an instrument in policy design,” a piece co-authored by Prof. **Kelly McShane, Leanne Wilkins**, research associate in the Psychology Department, and **Andrew Do and Annalise Huynh** at the Brookfield Institute for Innovation + Entrepreneurship.

Graphic Arts Magazine reported that several hundred students, their families and teachers, School of Graphic Communications Management sponsors, and leaders from the Canadian printing industry attended GCM’s Annual Awards Night gala.

Mark Bulgutch, Journalism, spoke to Global Saskatoon, about the role of the media in the U.S. election campaign. He also contributed a piece to Inside Halton on the importance of Remembrance Day.

Patrice Dutil, Politics, spoke to TFO News about opposition attacks on the Wynne government on the issue of energy.

CBC Radio Regina spoke with **James Turk**, distinguished visiting professor, about the line between freedom of speech and political correctness.

The Globe and Mail reported on the fifth annual speaker series at the Ted Rogers School of Management, quoting **Asher Alkoby**.

Urban Toronto reported that Ryerson's Student Learning Centre "gives the campus a gateway to the city... The school's new public realm plan also aims to introduce a more pedestrian-friendly ambiance to the campus."

CTV Winnipeg spoke with Curator **Irene Gammel** spoke with CTV Winnipeg and the Winnipeg Free Press about the "Remembering the Real Winnie" exhibit.

Steve Tissenbaum, TRSM, spoke to CBC Radio Ottawa about the Bay's late entrance to e-commerce.

CityNews aired live Ryerson's Ram in the Rye during the U.S. presidential election night.

CBC Television National reported on **Roy Morley** offering free Thanksgiving dinner to students, an item also picked up by Citytv Toronto. CBC Television National featured Ryerson faculty and students serving Thanksgiving meal quoting **Steven Murphy**, dean, TRSM.

Ramona Pringle, RTA, contributed a piece to CBC News on net neutrality, quoting **Charles Falzon**, dean of the Faculty of Communication and Design. She also spoke to CBC Montreal about Facebook as a better alternative to predicting election results than polls.

David Amborski, director, Centre for Urban Research and Land Development, and **Murtaza Haider**, TRSM, spoke to the Toronto Star about transit funding. Prof. Haider also spoke to CityNews about separating politics from transit decisions.

Metro Toronto reported that Ryerson economics student **Linh Nguyen** joined a Democratic super PAC and was on the front lines of the U.S. election.

Daily Commercial News reported on the construction at the Daphne Cockwell Health Sciences Complex at Ryerson.

The Daily Mail reported that **Mark Towler**, biomedical engineering, developed a fingernail test that reveals brittle bones. Similar coverage appeared in The Express (UK) and Yorkshire Post.

Daily Commercial News reported that the Government of Canada announced \$36.63 million in spending at Ryerson for a new Centre for Urban Innovation and other projects.

The National Post reported on a study by Ryerson's Infoscapes Research Lab on the topic of CEOs who don't use Twitter, quoting **Greg Elmer**.

Metro Toronto reported on the launch of The Institute for Change Leaders, quoting distinguished visiting professor **Olivia Chow**.

Medical Xpress reported on a study documenting the adverse effects of casual, temporary and on-call labour, quoting **Winnie Ng**, Unifor-Sam Gindin Chair in Social Justice and Democracy and principal investigator, and co-authors **Aparna Sundar and Jennifer Poole**. Other coverage included TVOntario's Question Period, and the Toronto Star.

NOW Magazine reported on the Computer Security and Digital Forensics certificate program at the Chang School, quoting academic coordinator **Alex Ferworn**.

The Toronto Star reported on a Ryerson study documenting cycling patterns in the Greater Toronto and Hamilton Area, quoting **Raktim Mitra**, lead investigator.

Cynthia Holmes, TRSM, spoke to CBC News about picking a realtor.

CBC News reported on the new book *Growing Up in Armyville*, co-authored by **Patrizia Albanese**, Sociology, on the topic of military deployment and family dynamics.

CTV News spoke with **Ann Cavoukian**, Privacy and Big Data Institute, in reaction to CSIS being found guilty of a metadata breach. A similar item aired on AM 640. She also spoke to AM640, CBC Radio, CBC News Network, and CFRA Ottawa about privacy issues surrounding police using mass-messaging techniques to solve crime.

Michael Forbes, director of communications, spoke to the Torontoist about the Ryerson campus becoming a public realm.

CBC News quoted **Richard Lachman**, Zone Learning, in reaction to a Telefilm Canada study that found Canadian are looking for content across more platforms.

Frederic Dimanche, director, TRSM, contributed an op-ed piece to the National Post on the topic of Toronto's expo bid.

Joanne McNeish, TRSM, spoke to Metro News in reaction to a new ad by Sick Kids Hospital.

The Hamilton Spectator spoke with **Drew Silverthorn**, a master's student in social work and the primary researcher in a study that found nearly 40 per cent of Canadian post-secondary students can't afford to eat properly. Similar coverage appeared in the Toronto Star, Metro News, Guelph Tribune, Inside Toronto, and Waterloo Region Record.

Wendy Cukier, founder of the Diversity Institute, was quoted in a University Affairs piece on women and leadership posts in academia.

Inside Toronto reported on an open house for graduate programs at Ryerson.

CityTV featured DMZ-based startup Komodo OpenLab and their accessibility product, Tecla Shield.

NOW Magazine reported on Ryerson Social Justice Week: Decolonizing & Transforming Social Justice.

Phys Org featured Ryerson research by MSc student **Jee In Kim**, and PhD student **Tracy Lackraj** on the topic of e. coli outbreaks.

Pam Palmater, Politics and Public Administration, appeared on TVO's The Agenda commenting on the progress of the Royal Commission on Aboriginal Peoples.

The Toronto Star quoted **Anver Saloojee**, Politics, and **Omar Ha-Redeye**, TRSM, on the topic of a possible law school at Ryerson. The item was also picked up by Metro News.

Distinguished visiting scholar **Grant Buchanan** contributed a piece to the Law Times on the topic of the LPP.

Anatoliy Gruzd, TRSM, in an article about the number of Facebook friend requests predicting longevity. Similar items appeared in U.S. News, Health Day, Doctors Lounge, and Drugs.com.

University Affairs quoted **Marie Bountrogianni**, dean of the Chang School, on the topic of bridging programs for foreign-trained professionals.

Canadian Art featured The Edge of the Earth exhibit at the Ryerson Image Centre.

Myer Siemiatycki, Politics, was quoted in the Toronto Star and Our Windsor, on the topic of fanatical immigrants giving up their permanent resident status.

Toronto Life featured the "Simone Estrin: A Shift in the Landscape" exhibition at the Ryerson Image Centre.

Water Canada reported on the 2016 Ryerson Urban Water Stormwater Hackathon.

The Toronto Star quoted **Henry Navarro**, Fashion, in a piece on the challenges of making a name in Canada.

The Epoch Times referenced a new study on the best sleeping positions by the Sleep Centre at Ryerson.

The Jamaica Gleaner profiled **Donnette Chin-Loy Chang**, a member of dean's advisory committee for Community Services, who recently donated an award named for her parents to the Chang School.

John Shields, Politics, spoke to CTV News about the Pirate Party making strong gains in Ireland.

Canadian Architect quoted **Heather Lane Vetere**, Vice Provost of Students, and **Kevin Goodchild**, Assistant Director of Client Relations, Office of the Registrar, about the campus' new ServiceHub.

Avner Levin, Director, Privacy and Big Data Institute, spoke to Canadian Business about companies responding to hackers who use ransomware.

Prepared by Marketing and Communications

**Scholarly Research and Creative Activity Committee (SRCAC) Report
#F2016-1**

1. Policy 51 (Proposed new title: *Ethical Conduct for Research Involving Human Participants*). Draft policy and summary of changes attached.

Motion: *That Senate approve the revised Policy 51 (Proposed new title: Ethical Conduct for Research Involving Human Participants) as included in the agenda*

2. Update on review process for Policy 118 (*SRC Integrity*)

Respectfully submitted by U. George on behalf of the SRCAC

Summary of edits to Senate Policy 51

- Policy was originally approved in 1999 and reformatted in 2002
- There were significant changes to the federal guidelines – TriCouncil Policy Statement (TCPS) in 2010 and the significant revisions are noted (i.e. over-riding core principles)
- Mandate and Scope elaborated upon
- Added section on composition and terms of reference (following TCPS guidelines)
- Added sections on Authority, Reconsideration of Decisions and Appeal of Decisions
- Administration procedures are intentionally not outlined in the Senate policy
 - The REB office has developed and continues to develop administrative procedures.

RYERSON UNIVERSITY
POLICY OF SENATE

ETHICAL CONDUCT FOR RESEARCH INVOLVING HUMAN PARTICIPANTS
(formerly called: Ethical Conduct in Research Involving Human Subjects)

Policy Number:	51
Approval Date:	insert new date
Original Approval Dates:	October 4, 1999 (reformatted May 7, 2002)
Presented by:	Research Ethics Board (REB)
Responsible Office:	Vice-President, Research and Innovation
Implementation Date:	Insert new date
Procedural Review:	Upon revision of the Tri-Council Policy Statement (TCPS)

The REB, established by the Senate and operating independently of any administrative offices at the institution, is charged with the oversight of this policy within the institution. As per Article 6.2 of the TCPS, the institution shall ensure the REB has the necessary and sufficient ongoing financial and administrative resources to fulfill its duties.

1. Mandate and Scope

The University has both a legal and moral responsibility to take steps to ensure that any research¹ carried out by faculty, staff, and/or students meets appropriate standards of ethical acceptability as outlined by the Tri-Council Policy Statement: Ethical Conduct for Research Involving Human Participants (TCPS, 2014, <http://www.pre.ethics.gc.ca>). The Research Ethics Board (REB) will develop and implement procedures and guidelines to fulfill the objectives of this policy.

It is the responsibility of researchers (faculty, staff, and/or students) and the REB to ensure that the research is conducted in an ethical manner. As outlined in the latest version of the TCPS, research involving human participants must be guided by the following overriding core ethical principles:

¹ The Tri-Council Policy Statement defines research as “an undertaking intended to extend knowledge through a disciplined inquiry and/or systematic investigation. The term ‘disciplined inquiry’ refers to an inquiry that is conducted with the expectation that the method, results, and conclusions will be able to withstand the scrutiny of the relevant research community” (page 13).

Respect for Persons – Respect for persons recognizes the intrinsic value of human beings (including their data and biological materials) and incorporates the dual moral obligation to respect autonomy while protecting those with developing, impaired, or diminished autonomy. Respecting autonomy requires participants' free, informed, and ongoing consent and choice. Informed choice is based on as complete an understanding of the purpose of the research as is reasonably possible, including what it entails and its foreseeable risks and benefits. Respect for persons includes a commitment to accountability and transparency in the ethical conduct of research and ensuring privacy and confidentiality of the participant.

Concern for Welfare – Welfare of a person is the quality of that person's experience in life and is inclusive of physical, mental, and spiritual health, as well as their physical, economic, and social circumstances. Researchers should not only aim to protect the welfare of participants but promote that welfare in view of any foreseeable risks associated with the research. Such being the case, researchers and the REB must ensure that participants are not exposed to unnecessary risk. In addition, researchers and the REB must attempt to minimize risk and to achieve a balance of risks and potential benefits. Concern for welfare also includes welfare of groups. Groups may benefit from the knowledge gained from the research but might also suffer from stigmatization, discrimination, or damaged reputation. In such a perceived risk, engagement of such groups in the process of the design of the research is warranted so that group benefits and risks can be appropriately determined.

Justice – Justice refers to the obligation to treat people fairly and equitably. Treating people fairly and equitably does not always mean treating people in the same way. Differences in treatment or distribution are justified when failures to take differences into account may result in the creation or reinforcement of inequities. Historically some groups of people have been either excluded or inappropriately targeted in research. As such, the recruitment process should be based on inclusion and/or exclusion criteria that are justified by the research question. Inequity is created when particular groups fail to receive fair benefits of research or when excluded from research arbitrarily or for reasons unrelated to the research question.

The REB mandate is to approve, reject, propose modification to, or terminate any proposed or ongoing research involving human participants that is conducted within the University or by its faculty, staff, and/or students so as to protect research participants and ensure that research is conducted in an ethical manner. In addition, all research involving human biological materials, including human embryos, fetuses, fetal tissue, reproductive materials, and stem cells derived from both living and deceased individuals is subject to review by the REB before the research may be undertaken.

Review and approval are required for all research involving human participants and biological materials regardless of funding or where the research is conducted.

This policy applies to all faculty, staff, and graduate and undergraduate students conducting research with human participants regardless of where the research is being conducted. This includes students conducting research with human participants and biological materials as part of class assignments. In cases where faculty, staff, and/or students are engaging in research outside of their roles at Ryerson (e.g., faculty engaging in consulting or professional activities;

students involved in research at placements), such projects would not require REB review. If members of Ryerson make reference to their affiliation with Ryerson University and/or use any of Ryerson's resources then REB review and approval is required.

The ethics review process itself must be fair both in standards and procedures, as well as impartial towards particular proposals and independent of institutional agendas or pressures. As per Article 2.7 of the TCPS, research ethics review includes scholarly review of the ethical implications of the methods and design of the research.

The REB **only** reviews research that falls within the scope of research as defined by the Tri-Council Policy Statement; however, the REB is responsible for reviewing research involving human participants to determine if it is exempt from ethical review. Researchers are responsible for obtaining confirmation from the REB on whether or not their project is exempt from ethical review. In accordance with the TCPS, research not requiring REB review and approval include:

- a) interaction with individuals who are not themselves the focus of the research (e.g., collecting information from authorized personnel about the ordinary course of their employment, organization, policies, procedures, professional practices, or statistical reports);
- b) legally and publically accessible information or data where there is no reasonable expectation of privacy;
- c) observation of people in public spaces where there is no reasonable expectation of privacy, is not epidemiological in nature, involves no direct interaction or intervention by the researcher, and dissemination does not identify specific individuals;
- d) research relying solely on secondary data analysis on anonymous information as long as re-identification of individuals is not possible and does not involve research with First Nations, Inuit, or Métis peoples;
- e) quality assurance and improvement studies, program evaluation and performance reviews, testing within normal educational requirements when used exclusively for assessment, management, or improvement purposes;
- f) creative practice whereby an artist makes or interprets a work or works of art or studies the process of how a work of art is generated and does not include obtaining responses from participants.

All research involving human participants must be submitted to the REB for review and approval before the research may proceed. Specifically, REB approval must be obtained prior to recruitment and data collection.

2. Composition and Terms of Reference of the REB

The Senate shall approve appointments to the REB.

The REB constituted by the Vice President Research and Innovation and approved by Senate shall have representation across all Faculties at the University and be diverse in gender. The REB shall consist of:

- a) a Chair (1) with experience in research ethics;
- b) a Vice Chair (1) with experience in research ethics;
- c) at least twelve (12) faculty members, including representation from each Faculty to ensure adequate expertise in relevant research disciplines, fields, and methodologies covered by the REB;
- d) at least three (3) members representing the School of Graduate Studies;
- e) at least one (1) member knowledgeable in ethics theory, knowledge, and practice;
- f) at least one (1) member knowledgeable in relevant law (cannot be legal counsel or risk management representative for the university);
- g) at least four (4) community members who have no current affiliation with the institution;
- h) at least two (2) undergraduate students;
- i) at least two (2) graduate students;
- j) at least one (1) member who self identifies as First Nations, Inuit, or Métis and/or who is informed in the traditional knowledge and culture of First Nations, Inuit or Métis peoples.

The above noted composition is the minimum requirement. The REB shall establish the necessary composition above and beyond these minimal requirements to ensure adequate and appropriate review of ethics protocols and to ensure protocols are reviewed in a timely manner. Given the demands on the REB, representation shall surpass the minimum requirement to ensure efficient and timely review of ethics protocols.

The REB shall make use of ad hoc advisors in the event that it lacks specific expertise and/or to assist with excessive workload. Ad hoc reviewers shall not be counted in quorum for the REB, nor be allowed to vote.

REB Chair, constituted by the Vice President Research and Innovation and approved by Senate, is responsible for ensuring that the REB review process conforms to the requirements of the TCPS and University policies and procedures. The REB Chair provides overall leadership for the REB, oversees decisions of the REB for consistency, and ensures that REB decisions are recorded accurately and communicated clearly to researchers in writing as soon as possible by the Chair or his or her designate.

The REB shall have regular meetings to discharge its duties and meet face-to-face to review proposed research that is more than minimal risk (i.e., not assigned to delegated review).

Quorum for decisions of the REB must satisfy the minimum requirements:

- a) at least two members with expertise in relevant research disciplines, fields, and methodologies covered by the REB;
- b) at least one member knowledgeable in ethics theory, knowledge, and practice;
- c) at least one member knowledgeable in the relevant law (cannot be legal counsel or risk management representative for the university);
- d) at least one community member who has no current affiliation with the institution; and
- e) diversity in gender.

The REB shall present an annual report to Senate that includes general statistics related to REB review and any challenges experienced by the REB in executing their mandate.

3. Authority of the Research Ethics Board

The REB is accountable to the Senate for its research ethics review processes. However, in conducting research ethics reviews, the REB must operate in an impartial manner, without interference, and the decisions of the REB with respect to any given research project are not subject to review by the Vice President Research and Innovation or any other person except to the extent that such decisions may be appealed pursuant to the procedures to this policy.

4. Reconsideration of REB Decision

A researcher may request reconsideration of a decision made by the REB. The REB will reconsider its decision upon receipt of a written request, and the researcher may submit additional information and/or attend the REB meeting in person to present information.

5. Appeal of REB Decision

If, after the completion of the REB's reconsideration, a researcher is still not satisfied with the REB's decision, such researcher may make a written request to the Vice President Research and Innovation to appeal such decision.

The Vice President Research and Innovation shall appoint individuals to a Research Ethics Appeal Committee, which shall hear such appeal.

The composition of the Research Ethics Appeal Committee, as well as its terms of membership and quorum requirements, must satisfy the minimum REB requirements of the TCPS including:

- a) at least two members with expertise in relevant research disciplines, fields, and methodologies covered by the REB;
- b) at least one member knowledgeable in ethics theory, knowledge, and practice;
- c) at least one member knowledgeable in the relevant law (cannot be legal counsel or risk management representative for the university);
- d) at least one community member who has no current affiliation with the institution; and
- e) diversity in gender.

No person can serve as a member of the Research Ethics Appeal Committee with respect to a review of a decision made by the REB if such person was a participant in the original review, decision, or reconsideration of the original decision.

The Research Ethics Appeal Committee shall function impartially, provide a fair hearing to those involved, and provide reasoned and appropriately documented decisions and reasons for such decisions.

Both the appealing researcher and a representative of the REB whose decision is being appealed shall be granted the opportunity to address the Research Ethics Appeal Committee, but neither shall be present when the Research Ethics Appeal Committee deliberates and makes a decision.

When reviewing decisions made by the REB with respect to a research project, the Research Ethics Appeal Committee may approve, reject, or request modifications to such research project.

The decision made by the Research Ethics Appeal Committee on behalf of the University shall be final and shall be communicated in writing to the relevant researcher and to the REB whose decision was appealed.

**Report #F2016-3 of the Academic Governance and Policy Committee (AGPC)
December 6, 2016**

1. Policy 76 (*Development and Review of Certificate Programs*). Draft revision to change the minimum number of courses in a certificate from six to four.
 - 1.1 Rationale for certificate change
 - 1.2 Policy 76 – draft revision to change the minimum number of courses in a certificate from six to four (attached): C. Evans

Respectfully submitted,

C. Evans, Chair, Interim Provost & Vice President Academic
On behalf of the Committee:

M. Moshé, Interim Vice Provost Academic
H. Lane Vetere, Vice Provost Students
C. Hack, Registrar
J. Turtle, Secretary of Senate
T. Duever, Dean, Faculty of Engineering & Architectural Science
E. Kam, Faculty of Arts, Director, Learning & Teaching Committee
C. Schryer, Chair, Communication & Design
A. McWilliams, Faculty, Science
K. Kumar, Faculty, Faculty of Engineering & Architectural Science
A.M. Brinsmead, Chang School Program Director
W. Fraser, Undergraduate Student Senator

Memo

Date: October 6, 2016

To: Academic Standards Committee

From: Marie Bountrogianni, Dean, The Chang School

Cc: Lisa Barnoff, Dean, Faculty of Community Services
Imogen Coe, Dean, Faculty of Science
Thomas Duever, Faculty of Engineering and Architectural Science
Charles Falzon, Dean, Faculty of Communication and Design
Steven Murphy, Dean, Ted Rogers School of Management
Pamela Sugiman, Dean, Faculty of Arts

Subject: Certificate Graduation Requirements: Amending Policy #76

Among the key Recommendations of the Provost's Task Force on Continuing Education, published January 2016, was for The Chang School to *become more market focused, grounded in research and nimble in execution*, while also *determining the optimal mix of degree credit and non-credit offerings to meet the needs of the adult learner while focusing energy only where courses and certificates are profitable or in limited scope meet significant societal need*.

The Task Force *applauded and fully supported* the recommendation from the initial report by Dalhousie President Emeritus Dr. Tom Traves (report item number 4), which advocated for a restructuring of certificate requirements to better meet the needs of the adult learner by considering a structure of *four to six-course Professional Certificate or a seven to ten-course Advanced Professional Certificate*. The Traves recommendation also significantly pointed out that *there is no reason that conventional degree requirements should drive thinking and standards for the number of courses required for certification or the academic character of certificates with regard to required and elective courses*. Hence, the Task Force *recommended that Senate Policy 76 be amended to provide more flexibility in the structure of certificates and the courses contained therein*. Please refer to Appendix 1 for the full text of both reports.

The certificate structure prescribed in Policy 76 has not undergone significant change in nearly 40 years: six to ten courses, with no differentiation for those certificates denominated at six compared to those at ten, differentiation defined, say, in terms of a ten course certificate being designated as "advanced").

Subsequent to the most recent revision of Policy 76 (Jan 2007), however, a concerted effort has been made by The Chang School in collaboration with faculty colleagues to reduce the standard

graduation requirement from eight to six.

This goal was accomplished over the course of 2008-2013 Academic Plan by setting the graduation standard at six for new certificates and doing the same for certificates undergoing Senate-mandated review. Consequently, fifty-three (53) Chang School certificates now have graduation requirements set at six compared to twenty-one (21) pegged at eight (see Table A).

The following tables illustrate the current status of certificates by total and required courses.

Table A

# of course graduation requirements	number of certificates
5	1
6	53
7	5
8	21
9	1
10	1
variable	1
Total	83

Notwithstanding this now-dominant six course graduation requirement, it is worth noting that, in the majority of Chang School certificates, the number of courses in the “Required” category is less than six, and the remainder of the courses needed to meet graduation requirements derive from the “Elective” category. Twenty-four Chang certificates have a four-course “Required” structure, twice as many as the eleven certificates that are actually set at a six-course “Required” format as illustrated in Table B.

Moreover, while there are a fair number of certificates that require more than six courses to achieve graduation requirements, (28 in all) there are far fewer of these certificates that actually have more than six courses in the “Required” category (3 in all) as reflected in Table B.

Table B

# of required category courses	number of certificates
1	6
2	15
3	13
4	24
5	7
6	11
7	1
8	2
9	0
10	0
variable	4
Total	83

Clearly, there are a number of Chang School certificates whose “Required” courses are less than their graduation requirements. This gap between required courses compared to prescribed certificate graduation requirements results from the traditional certificate structure somewhat mirroring degrees. With more than 70% of today’s adult learner’s possessing an undergraduate university degree or higher, the importance of adding electives to broaden the student’s certificate experience is far less relevant than in the past. This structure clearly does not meet the needs of the modern adult learner and moreover creates a competitive barrier for the School, when student’s compare our offerings against shorter, most targeted ones.

In recent years, there has been considerable discussion within The Chang School on this very point of reducing certificate graduation requirements in light of comparisons with the current norms in the continuing education “marketplace”. Possibly, these norms are shaped by aligning certificate graduation requirements to core “Required” courses, devoid of non-core “Elective” courses.

The current scan of certificate models at comparative institutions’ validates the trend towards shorter, more flexible options in terms of certificate length and also the number of hours per course. The University of Toronto, School of Continuing Studies, our top competitor according to the annual Chang School Student Surveys, predominately offers 3-course certificate programs. Moreover, certificate programs such as Creative Writing and Advanced Project Management consist of only 3 courses at 20 hours each. Similarly, York University provides “stackable” certificates of 3 courses each (for example, Cyber Security). The UOIT programs are structured in a full day, 5-day workshop format, while the University of British Columbia requires 4 to 7 courses, each mainly 6 weeks in duration. Other continuing education offers, such as the one at Royal Roads University, although similar in total cost, is much shorter in duration: 3 courses requiring a time commitment of 6 to 9 months in an online/blended format.

An overview of selected U.S.-based institutions such as Harvard Extension, NYU School of Continuing and Professional Studies and, University of Chicago Graham School, also illustrates the trend towards shorter continuing education programs – starting from 3 to 6 courses, however, the courses are much shorter in duration compared to The Chang School’s 39-hours course model (e.g. 8 sessions x 2.5 hrs per course).

A sample of the University of Toronto certificate programs offered through the School of Continuing Studies is given for illustration (courses are 30 hours each unless otherwise indicated):

- | | |
|--|---|
| • Business Analysis | 3 courses |
| • Marketing Research | 3 courses |
| • Entrepreneurship | 6 courses (5 sessions each i.e., 15 hrs) |
| • Management of Enterprise Data Analytics (Big Data) | 3 courses |
| • Occupational Health and Safety | 3 courses |
| • Marketing | 4 courses |
| • Energy Management | 3 courses |
| • Cyber Security Management | 3 courses |
| • Project Management | 3 courses |
| • Advanced Project Management | 6 courses, 20 hrs each |
| • Creative Writing | 3 courses 20hrs each + one 20hrs elective |

These comparator certificate graduation requirements are often clasped hand-in-hand with reduced hours of course delivery, below the current Chang School “norm” of 39 course hours.

We strongly believe that the research validates the fact that today's adult learners require a much different certificate model than in the past. The traditional model of completing certificate programs structured in parallel with degree programs is no longer the norm today as today's learner simply requires targeted knowledge and does not realize a value proposition from additional elective requirements. Thus, in a very real sense The Chang School is not currently positioned to offer certificates in the duration and format to meet the needs of the ever-increasingly busy adult learner.

The current performance of our certificates validates these observations. Over the term of the 2008-2013 Academic Plan, and including 2014/15, The Chang School undertook a great refresh of Certificate offerings by developing more than 40 new certificates and formally reviewing another 20 under the guidelines of Policy 76. During this period the School also significantly revised 59 certificates and discontinued 28. Despite these robust ongoing development and improvement processes, our best performing certificates continue to be dominated by those directly related to professional designation requirements, while newer, market-focused certificates continue to struggle. Of the School's approximately 90 certificates, many in the lower quartile are newer offerings which would directly benefit from a shorter certificate structure.

In conclusion, we would submit the following text to amend Senate Policy #76:

Current text: "Certificate programs will consist of between six and ten courses whose academic quality is comparable to that of degree programs."

Proposed text: **"Certificate programs may consist of between four to ten courses, whose academic quality is comparable to that of degree programs."**

Sincerely,



Dr. Marie Bountrogianni
Dean, The G. Raymond Chang School of Continuing Education

Appendix 1: Full text of the Traves Report and the Recommendations of the Provost's Taskforce on Continuing Education (reference item 4 from full report)

The Traves Report:

The CS should extend its recent discussions about academic certificate structures to consider the basic assumptions that underpin its current curriculum arrangements. At present, certificates clearly follow historic degree structures, which is to say a six to ten course major with each course being taught over a full academic term of approximately thirteen weeks for three hours per week. Arguably, there is no reason that conventional degree requirements should drive thinking and standards for the length of continuing education courses, the number of such courses required for certification or the academic character of certificates with regard to required and elective courses. The CS should receive strong support for its recent discussions about new models for courses of varied periods of time and intensity depending upon the subject matter or the targeted clientele that lead to a three-course Professional Development Award designation that can stand alone or ladder up to a four to six-course Professional Certificate or an eight to ten-course Advanced Professional Certificate. The CS should expand this approach beyond its current plans to restrict such reforms to new certificate programs only and carefully evaluate the merits of applying this approach to all or most of its existing certificates as well.

Recommendations of the Provost's Task Force on Continuing Education, January 2016:

The task force applauds and fully supports this recommendation. There is nothing about the continuing education market in and of itself that would dictate courses follow the same 13-week format as degree courses. In fact, it is an industry norm that CE courses offer more flexibility in delivery. This would include online, hybrid and alternative programming formats (e.g., Friday, Saturday, Sunday delivery). It should be noted that these alternate delivery formats already exist in many of the CINT (interdisciplinary courses and certificates), and CE should continue to examine shorter, more flexible certificate courses right across its offerings (as seen at the University of Toronto). Flexibility is also needed in the 'bundling' of courses, as Senate-approved certificates may be too rigid a structure (in both programming structure and in time to market) in the competitive landscape of CE programming. The number of courses required for a certificate should likely have more to do with the learning objectives and less to do with any predefined structure. The task force recommends that Senate Policy 76 be amended to provide more flexibility in the structure of certificates and the courses contained therein.

RYERSON UNIVERSITY
POLICY OF SENATE

Development and Review of Certificate Programs

Policy Number: 76

Approval Date: January 30, 2007

Presented By: The G. Raymond Chang School of Continuing Education

Reviewed By: Academic Standards Committee, Academic Planning Group

Responsible Office: Provost and Vice President Academic (in consultation with the Dean of The G. Raymond Chang School of Continuing Education)

1. Certificate programs will be consistent with the mandate of Ryerson University.
2. Certificate programs will consist of a minimum of four courses, whose academic quality is comparable to that of degree programs. ~~Certificate programs will consist of between six and ten courses whose academic quality is comparable to that of degree programs.~~
3. Whenever academically appropriate, certificate courses should be part of Ryerson's degree programs or deemed equivalent to degree program courses in order to provide students with maximum accessibility and internal degree credit transfer.
4. Academic standards and policies pertaining to certificates will be comparable to those pertaining to degree programs.
5. In developing certificate programs, initiatives and advice may be drawn from individuals and organizations internal and/or external to Ryerson. Curricular planning and program development will be carried out within the existing structure of academic authority as articulated below under "Procedures".
6. New certificate programs and alterations in existing certificates require the same pattern of internal approvals as do degree programs. External approval is not required in the case of certificate programs.
7. Administrative responsibility for certificate programs rests primarily with the G. Raymond Chang School of Continuing Education.
8. Academic responsibility for certificate programs rests primarily with the School/ Department/Faculty normally accountable for courses and/or programs in the relevant discipline. When it is academically inappropriate to assign responsibility for a certificate

to a particular School, Department or Faculty, responsibility will be assigned to a curriculum committee established in accordance with 2 C below.

9. Certificate programs will be reviewed periodically with respect to their societal need, academic currency and curriculum structure, and financial viability. Such reviews will be carried out under the auspices of the G. Raymond Chang School of Continuing Education. Mechanisms and timetables for reviews of societal need, of academic currency and of curriculum structure will be established by the Provost and Vice President Academic and the Dean of the G. Raymond Chang School.
10. Procedures for Certificate review will be developed by the G. Raymond Chang School in collaboration with Faculties, School and Departments and will be reported to Senate. Senate is charged with final approval of new certificate programs together with the periodic review of certificate programs.

Proposals for New Certificates

Ideas and initiatives for new certificates will be directed to the G. Raymond Chang School of Continuing Education which will provide preliminary advice and commentary on administrative feasibility and planning procedures. The School also plays an important proactive role in bringing proposals for new certificate initiatives into Ryerson's academic approval framework.

The Development of Certificate Proposals

The Dean of the G. Raymond Chang School of Continuing Education will work collaboratively with other Deans to create a framework for administrative and academic leadership for the development and implementation of a proposed certificate program.

1. When a proposed certificate holds academic relationship to a single School or Department, the Dean of the relevant Faculty will be involved.
2. When a proposed certificate may relate to more than one School or Department, the Dean of the G. Raymond Chang School of Continuing Education will involve all relevant Deans in the administrative and academic structure. (One or more Deans may be designated as holding principal responsibility for the program's development.)
3. When a proposed certificate is not clearly linked to any one School or Department, the Dean of the G. Raymond Chang School of Continuing Education will collaborate with the other Deans and advise the Provost and Vice President Academic who will create an appropriate administrative and academic framework for the program.

In all cases, a curriculum committee will be established early in the process of developing a new certificate program. The composition of such a committee will be consistent with the governance provisions which follow. Additionally, a program or advisory council will be established in accordance with the governance provisions of 3 c below.

Governance of Certificate Programs

1. Every certificate program will have a standing curriculum committee with primary responsibility for program curriculum development and, when the program is implemented, for the quality and content of its courses.

- a. When a certificate is related to a single School or Department, the curriculum committee will be that of the relevant constituency with representation from the G. Raymond Chang School of Continuing Education.
- b. When the program is not clearly related to a single School or Department, the Dean of the G. Raymond Chang School of Continuing Education will collaborate with the Faculty Deans in advising the Provost and Vice President Academic on the appropriate composition for the curriculum committee.

In certain instances, membership may be drawn from outside the Ryerson community. In such cases, Ryerson faculty must comprise a clear majority of the committee membership.

2. In certificates which relate to a single School or Department, academic responsibility for the program, once implemented, rests primarily with that constituency. This responsibility, some elements of which are discharged primarily through the curriculum committee as described above, is taken to include:
 - a. the development of individual courses and curriculum structure, maintenance of their academic quality and currency, criteria for student evaluation, prerequisite patterns, and student promotion;
 - b. ongoing review of program objectives, learning outcomes and career competencies;
 - c. general certificate and course staffing strategies, and recruitment and approval of instructors to teach in certificate programs.
3. Every certificate program will have a program advisory council. This will, in many circumstances, be the advisory council of the degree program from which the certificate program derives. When a certificate is not related to a single degree program, the Dean of the G. Raymond Chang School of Continuing Education will collaborate with Faculty Deans in recommending such an advisory council. (Authority for the creation of such councils rests ultimately with the Provost, and Vice President Academic.)
4. Administrative authority, which rests primarily with the G. Raymond Chang School of Continuing Education, is taken to include program marketing and promotion, registration, and insuring access to appropriate University facilities. It also entails the coordination of program reviews and, where appropriate, coordination of the efforts of individuals from various areas of the University in the program development and implementation processes.

REPORT OF ACADEMIC STANDARDS COMMITTEE**Report #F2016-3; Dec 2016**

In this report the Academic Standards Committee (ASC) brings to Senate its evaluation and recommendation on the following item:

- **Cancellation of EID 500 and the Optional Specialization in Digital Entrepreneurship and Innovation**

A) CANCELLATION OF EID 500 AND THE OPTIONAL SPECIALIZATION IN DIGITAL ENTREPRENEURSHIP AND INNOVATION

The Optional Specialization in Digital Entrepreneurship and Innovation requires the completion of the following:

REQUIRED:

EID 100 Digital Skills and Innovation for the Global Economy

EID 500 Experiential Semester in Digital Entrepreneurship and Innovation

The Dean-of-Record (FCAD) for the Optional Specialization in Digital Entrepreneurship and Innovation proposes the dissolution of the non-credit EID 500 Experiential Semester in Digital Entrepreneurship and Innovation and the Optional Specialization in Digital Entrepreneurship and Innovation. The Optional Specialization in Digital Entrepreneurship and Innovation (OPDEI) was created in 2012 to address the need to expose interdisciplinary undergraduate students in the fields of digital entrepreneurship and innovation in a Zone-like learning environment.

EID 500 ran as a test pilot in the summer of 2012 that consisted of 7 students. Based on a course weight of five, EID 500 had a cost of approximately \$4000.00. Students were led through an intensive 1 week boot-camp and then mentored 36.5 hours per week for 11 weeks, in two self-selected groups, within a just-in-time experiential learning environment, as they researched, developed and implemented their final digital media service, product or company. Of the 7 students who participated, 5 completed all requirements to receive their "Optional Specialization in Digital Entrepreneurship and Innovation", which was neither a degree or a certificate, but a mention on their official transcripts.

Due primarily to the high tuition costs and the adverse effect of only running EID 500 during the Spring/Summer terms when students are normally working summer jobs, interest from the student population has been approximately 3 inquiries since 2013. Additionally, most of EID 500's innovative programming has now migrated to Zone Learning, Startup School, Launch Zone Base Camp, the Master in Digital Media (MDM), the Master of Engineering Innovation and Entrepreneurship (MEIE) and other departmental and University based entrepreneurial enrichment offerings. Thus the relevance of EID 500 as a single source for digital media entrepreneurship and innovation training has greatly diminished.

Since 2012, the Dean of FCAD has been the Dean-of-Record for the Optional Specialization in Digital Entrepreneurship and Innovation. However FCAD has in reality only managed EID 100 as EID500 was a pilot in the summer of 2012 and thus managed directly by the Office of the Vice Provost Academic. The cancellation of EID 500 and the OPDEI will have no financial impact. There are no students currently pursuing the specialization and therefore no special arrangements are required to phase out EID 500.

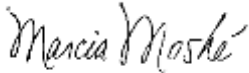
EID 100 is a prerequisite credit based course open to all undergraduate students whether they are enrolled in the OPDEI or not. Its primary role is to introduce students to the theory, method and practical application of digital media within the student's declared undergraduate field of study. EID 100 has been a resounding success and continues to grow in popularity among the student body as a Professionally Related elective course. Going forward, the credit based course EID 100 Digital Skills and Innovation for

the Global Economy will be retained and transferred to an appropriate school within FCAD as an additional elective course offering.

Recommendation

- Having satisfied itself of the merit of this proposal, ASC recommends: *That Senate approve the Cancellation of EID 500 and the Optional Specialization in Digital Entrepreneurship and Innovation*

Respectfully Submitted,



Marcia Moshé, Chair for the Committee

ASC Members:

Charmaine Hack, Registrar

John Turtle, Secretary of Senate

Marcia Moshé, Chair and Interim Vice Provost Academic

Denise O'Neil Green, Assistant Vice President/Vice Provost, Equity, Diversity and Inclusion

Anne Marie Singh, Faculty of Arts, Criminology

Anne-Marie Lee Loy, Faculty of Arts, English

James Nadler, Faculty of Communication & Design, Creative Industries

Wendy Freeman, Faculty of Communication & Design, Professional Communication

Thomas Tenkate, Faculty of Community Services, Occupational and Public Health

Annette Bailey, Faculty of Community Services, Nursing

Medhat Shehata, Faculty of Engineering and Architectural Science, Civil Engineering

Donatus Oguamanam, Faculty of Engineering and Architectural Science, Mechanical & Industrial Engineering

Vadim Bostan, Faculty of Science, Chemistry & Biology

Yi Feng, Ted Rogers School of Management, Finance and Accounting

Jim Tiessen, Ted Rogers School of Management, Health Services Management

Jay Wolofsky, Library

Linda Koechli, Chang School of Continuing Education

Dalia Hanna, Chang School of Continuing Education

Awards and Ceremonials Convocation Report for Senate December 6, 2016

SPRING 2016 CONVOCATION

Ceremony dates: June 7, 8, 9, 10, 13, 14, 16, 17

Number of ceremonies: 16

The chart below outlines the number of approved candidates for each award in comparison to last year's numbers.

Spring 2016	Spring 2015
Total approved candidates: 6312	Total approved candidates: 6011
Undergraduate: 5238	Undergraduate Degree: 4936
Undergraduate Certificate: 20	Undergraduate Certificate: 25
Professional Masters Diploma: 5	Professional Masters Diploma: 3
Graduate Certificate: 0	Graduate Certificate: 1
Masters: 311	Masters Degree: 307
PhD: 38	PhD: 24
Continuing Education Certificate: 700	Continuing Education Certificate: 715
Undergraduate candidates who graduated with Honours: 1093	Undergraduate candidates who graduated with Honours: 883

The chart below recaps the medal winners at the Spring 2016 convocation ceremonies.

Governor General's Academic Silver Medalists (undergraduate)	<ul style="list-style-type: none"> Usra Leedham (Psychology) Melissa Binsted (Graphic Comm Mgmt) Karen Vanderhoek (Occupational and Public Health – Public Health and Safety)
Ryerson Gold Medalists	<ul style="list-style-type: none"> Faculty of Arts – Usra Leedham (Psychology) Faculty of Communication & Design – Cormac McGee (Journalism) Faculty of Community Services - Nikolas Koschany (Urban and Regional Planning) Faculty of Engineering and Architectural Science – Razvan Rusu (Aerospace Engineering) Faculty of Science – Ryan Shilliday (Biology) Chang School – Kie Gouveia (Data Analytics Big Data and PA) Ted Rogers School of Management – Natasha Nesrine (Business Management – ENT)
Board of Governor's Leadership Award and Medal	<ul style="list-style-type: none"> Usra Leedham (Psychology)

The chart below recaps the Honorary Doctorate recipients at the Spring 2016 convocation ceremonies.

Faculty of Arts	<ul style="list-style-type: none"> Patricia and Dennis Edney, Occupational Therapist and Defence Lawyer
Faculty of Communication & Design	<ul style="list-style-type: none"> Lisa de Wilde, Chief Executive Officer, TVO
Faculty of Community Services	<ul style="list-style-type: none"> Nick Saul, President and CEO, Community Food Centres Canada
Faculty of Engineering and Architectural Science	<ul style="list-style-type: none"> Siamak Hariri, Canadian Architect
Faculty of Science	<ul style="list-style-type: none"> John Smol, Canada Research Chair in Environmental Change
Ted Rogers School of Management	<ul style="list-style-type: none"> Catharina and William Birchall, Toronto businesspeople and philanthropists

The chart below recaps the Faculty Speakers at the Spring 2016 convocation ceremonies.

Faculty of Arts	<ul style="list-style-type: none"> Lorraine Janzen Kooistra, Professor, Department of English, President's Teaching Award of Excellence recipient
Faculty of Engineering and Architectural Science	<ul style="list-style-type: none"> Hon. Omar Alghabra, MP Mississauga Centre, DVP
Faculty of Community Services	<ul style="list-style-type: none"> Jehad Aliweiwi, Executive Director, Laidlaw Foundation Pamela Hubley, Chief, Professional Practice and Nursing, The Hospital for Sick Children Ella Ferris, Executive Vice President, Programs, Chief Nursing Executive and Chief Health Disciplines Executive, St. Michael's Hospital
Faculty of Communication & Design	<ul style="list-style-type: none"> Ivor Shapiro, Chair, School of Journalism
Chang School	<ul style="list-style-type: none"> Curtis Maloley, Lecturer, Chang School
Ted Rogers School of Management	<ul style="list-style-type: none"> Agnes Reinhard, Associate Professor, Department of Human Resources Management and Organizational Behaviour Pnina Alon-Shenker, Associate Professor, Department of Law and Business Elizabeth Evans, Associate Dean, Undergraduate Programs

FALL 2016 CONVOCATION

Ceremony dates: October 20 & 21

Number of ceremonies: 4

The chart below outlines the number of approved candidates for each award in comparison to last year's numbers.

Fall 2016	Fall 2015
Total approved candidates: 2361	Total approved candidates: 2142
Undergraduate Degree: 1028	Undergraduate Degree: 949
Undergraduate Certificate: 12	Undergraduate Certificate: 16
Professional Masters Diploma: 8	Professional Masters Diploma: 4
Graduate Certificate: 32	Graduate Certificate: 25
Masters Degree: 628	Masters Degree: 638
PhD: 48	PhD: 50
Continuing Education Certificate: 605	Continuing Education Certificate: 459
Undergraduate candidates who graduated w/ Distinction (previously w/ Honours): 140	Undergraduate candidates who graduated w/ Distinction (previously w/ Honours): 137

The chart below recaps the medal winners at the Fall 2016 convocation ceremonies.

Ravi Ravindran Outstanding Doctoral Thesis Award	<ul style="list-style-type: none"> Ali Kamel H. Al Jibouri (Chemical Engineering)
Governor General's Academic Gold Medalist (graduate)	<ul style="list-style-type: none"> Sebastian Rivera Iunnissi (Electrical and Computer Engineering)
Ryerson Gold Medalists	<ul style="list-style-type: none"> Faculty of Arts – Jeremy Dawson (Philosophy) Faculty of Communication & Design – Catherine Lachowskyj (Film Photo Preservation and Collections Management) Faculty of Community Services – Emma Abramowicz (Urban Development) Faculty of Engineering and Architectural Sciences – Mahmoud Sayed Ahmed (Civil Engineering) Faculty of Science – Adam Harley (Computer Science) Ted Rogers School of Management – Michael Rowden (Management of Technology and Innovation) Yeates School of Graduate Studies – Laurence Butet-Roch (Digital Media)
Board of Governor's Leadership Award and Medal	<ul style="list-style-type: none"> Laurence Butet-Roch (Digital Media)

The chart below recaps the Honorary Doctorate recipients at the Fall 2016 convocation ceremonies.

Faculty of Arts/Faculty of Communication & Design	<ul style="list-style-type: none"> Howard and Carole Tanenbaum, entrepreneurs and philanthropists
Ted Rogers School of Management	<ul style="list-style-type: none"> Peter Gilgan, Founder and CEO, Mattamy Homes Ltd.

The chart below recaps the Faculty Speakers at the Fall 2016 convocation ceremonies.

Faculty of Engineering and Architectural Science/Faculty of Science	<ul style="list-style-type: none"> Kosta Derpanis, Associate Professor, Computer Science
Faculty of Community Services	<ul style="list-style-type: none"> Winnie Ng, Unifor-Sam Gindin Chair, Social Justice and Democracy

Submitted by:

Christopher Evans

Interim Provost and Vice-President Academic
Chair, Awards and Ceremonials Committee:

Jennifer Mactavish, Dean, Yeates School of Graduate Studies

Charmaine Hack, Registrar

John Turtle, Secretary of Senate

Kim McDonald, Resource Person, Awards Office

John Shields, Faculty, Politics

Gil Lan, Faculty, Business Management

Gene Allen, Faculty, Journalism

Ravi Ravindran, Faculty, Mechanical & Industrial Engineering

Kim Varma, Chair, Criminal Justice

Lois Weinthal, Chair, Interior Design

Thomas Tenkate, Chair, Occupational & Public Health

Sri Krishnan, Associate Dean, Faculty of Engineering & Architectural Science

Stephen Wylie, Faculty, Chemistry & Biology

Muthana Zouri, Program Director, Communication & Design, G. Raymond Chang School
of Continuing Education

Nenita Ponce de Leon Elphick, Program Director, Arts, G. Raymond Chang School
of Continuing Education

Muhammad Masood, Undergraduate Student