

Ryerson University Convocation Ceremonies

June 2016



Ryerson
University



Ryerson University Coat of Arms, Crest and Motto

The **torch** is the symbol of light, education, liberty and increasing knowledge.

The **lamp** is the symbol of intelligence giving forth the flame of the spirit within. It is light in the darkness. It is inspiration.

The **set square** is the symbol of artifact, construction and building. It represents the practical and material.

The ram, **Aries**, rising in the vernal equinox, is the symbol of the creative impulse through which the potential becomes the actual. In Astrology it governs the head and the brain.

The **motto**, "Mente et Artificio" translates literally from Latin as "With Mind and Skill."

The colours are azure (blue), signifying loyalty and truth, and *or* (gold) signifying generosity and elevation of the mind.

References

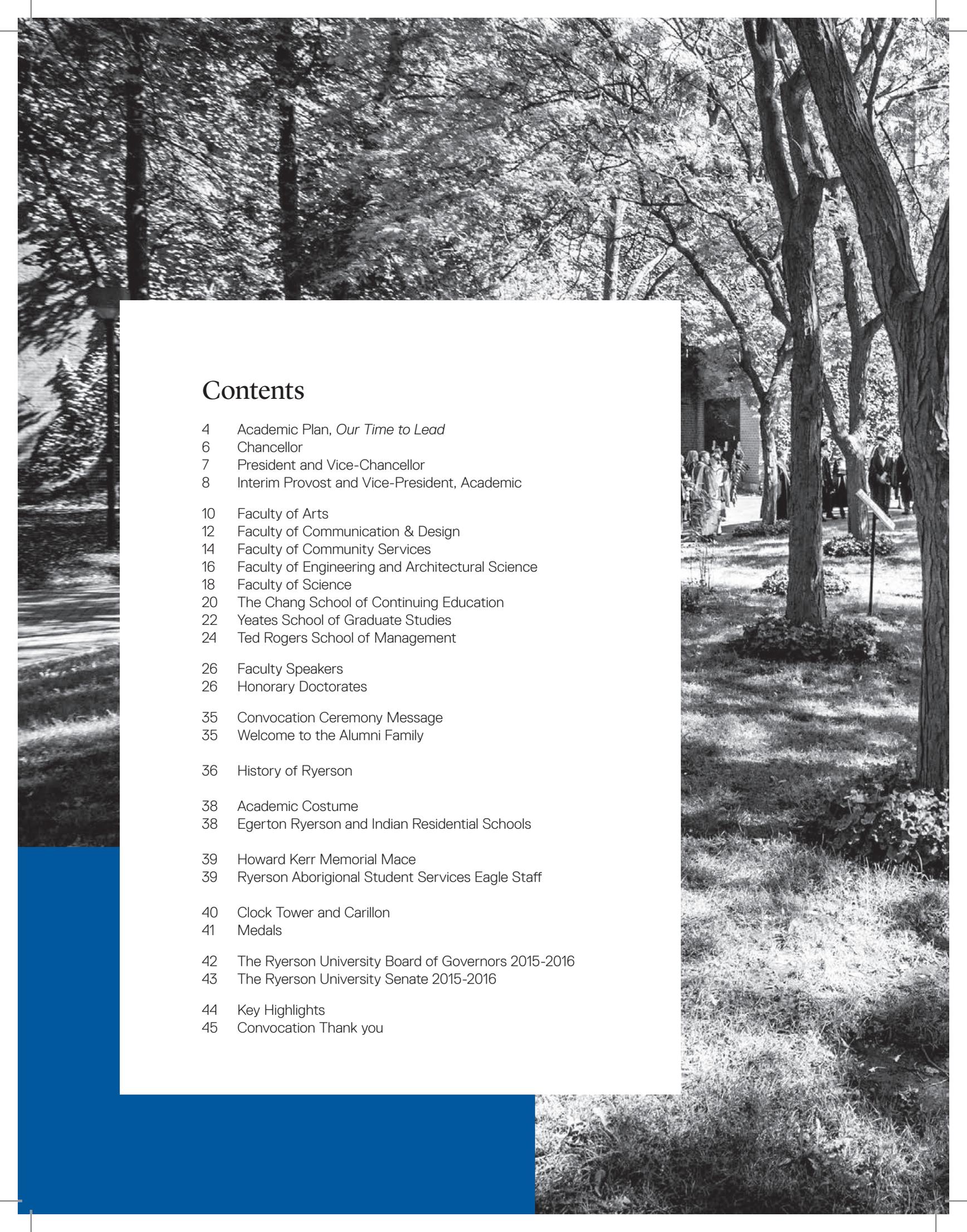
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Convocation Ceremonies

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Ryerson University is Canada's leader in innovative, career-oriented education and a university clearly on the move. Ryerson offers more than 100 undergraduate and graduate programs, and is home to more than 41,500 students, including 2,400 master's and PhD students, 3,200 faculty and staff, and nearly 170,000 alumni worldwide. Research at Ryerson is on a trajectory of success and growth: externally funded research has doubled in the past four years. For more information, visit ryerson.ca.



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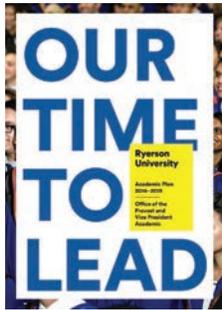
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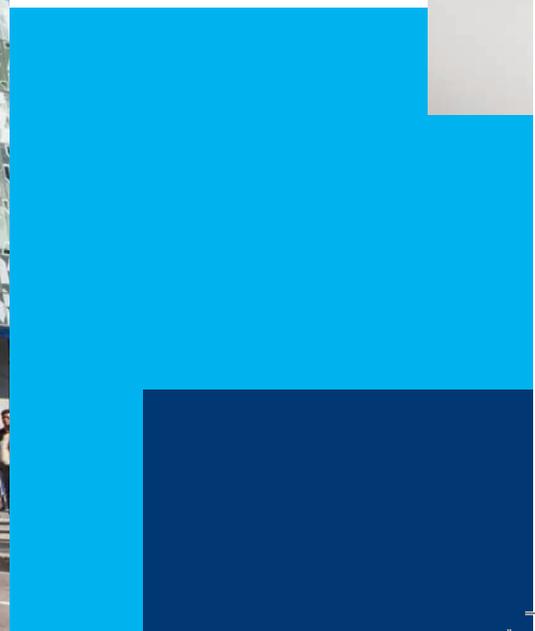
Our Time to Lead

Academic Plan
2014-2019



Ryerson's five-year academic plan, *Our Time to Lead*, establishes the university's vision to become Canada's leading comprehensive innovation university. It builds upon Ryerson's proud traditions and expands the university's strengths for relevant programs and scholarly, research and creative (SRC) activities, its engaging and diverse learning and teaching environment that integrates theory with practice, and strong relationships with external communities.

Our foundation of distinctive programs and research activities has been enhanced and expanded, and we continue to cultivate leadership in new approaches to teaching and learning. Innovation and entrepreneurship continues to be fostered through our pioneering zone learning network.



Mission

Ryerson's distinctive core mission – to serve societal need by providing career-related and professional education, and SRC activities – responds to the demand for highly skilled, creative and critical thinkers.

We bring to life our motto, “With Mind and Skill.” The foundational knowledge of a discipline is combined with real-world experiential learning and life skills.

Vision

Ryerson will be Canada's leading comprehensive innovation university, recognized for its high-quality, career-related and professional bachelor, master's and doctoral programs, and relevant SRC activities.

Our Priorities

We are pursuing our vision to be Canada's leading comprehensive innovation university by focusing on four interconnected priorities.

1) Enable Greater Student Engagement & Success through Exceptional Experiences

Ryerson provides all students with exceptional experiences and opportunities – to prepare them with the skills to build thriving careers in today's knowledge economy.

2) Increase SRC Excellence, Intensity & Impact

Excellence in SRC activity has been fundamental to Ryerson's evolution. The university has built a collaborative, interdisciplinary culture that fosters inquiry, discovery, knowledge and creative works.

3) Foster an Innovation Ecosystem

Ryerson fosters creative and entrepreneurial thinking across all disciplines, and supports students, faculty and staff to become innovators who can make a positive difference. Innovation to us, includes civic, cultural and social innovation.

4) Expand Community Engagement & City Building

Community engagement is a hallmark of our approach to programs, experiential learning and SRC activities. Ryerson strengthens engagement in ways that move the university and the city forward together.

To read the full-length academic plan, visit: ryerson.ca/provost/planning



Message from the Chancellor



Congratulations on this very special day. I am honoured to celebrate this milestone in your lives – with you, your family and friends.

Convocation recognizes the commitment and energy needed for this great achievement. As you have learned, education is hard work. While there are many different dreams among you, they have in common that they ask for all the dedication, sacrifice and effort you have to give. Today marks the start of the return on this investment, and it's great to anticipate where the future will take you.

Be adventurous. Have confidence in your ideas. Surround yourself with mentors and friends. Hike the paths that push your limits, both physically and in everything you undertake. Recognize that new technologies offer possibilities to take the lead in new businesses, better services and professional practice, and the quality of our interactions.

Remember a university education is a step to creating a strong and successful future, not just for yourselves but in creating opportunities for others, with the knowledge you have gained and the character you possess.

From the moment you cross the stage today, you represent your university. Ryerson is renowned for connecting you with the world, and preparing you to make a strong and meaningful contribution. All the best on your journey.

Lawrence S. Bloomberg, C.M., O.Ont.



Message from the
President
and
Vice-Chancellor



There is a wonderful sense of accomplishment and pride here today, and all of us at Ryerson offer congratulations, and a warm welcome to family and friends.

Your time at this exceptional university is distinctive for what I like to call “The Four Vs” – the value of your student experience and opportunities for lifelong learning, the value of engagement with talented faculty and staff, the value of a diverse environment that extends beyond campus to our city and the world, and the value of the Ryerson degree.

Graduating from Ryerson is very special on this day, and also grows in value over time. It is personal, knowing the required intensity of striving for your goals. It spans the globe, advancing the worth of a Ryerson education as our reputation rises for the kind of learning that defines innovation.

Ryerson is the destination of choice for students interested in discovering the best in themselves, stretching their creative abilities, and having a positive and abiding impact. The best part of calling our Academic Plan *Our Time to Lead* is having confidence in the part you will play.

Our best wishes and brightest expectations go with you, and we look forward to seeing you “back home” many times as your story unfolds.

Mohamed Lachemi



Message from the
**Interim Provost
and
Vice-President,
Academic**



Convocation is a time of great pride and gratitude. Many people helped you get here today and many will benefit from your contributions in the future. I am thankful you chose to attend Ryerson. You brought energy, skill and reflection to our campus.

Every day, a Ryerson student makes a difference in the world. For example, you recently earned the opportunity to test mushroom growth in outer space. You also took a leadership role in a major American election campaign, produced a live sports broadcast that was crewed entirely by women, founded a children's publishing and production company, developed a cell phone battery case that has piqued industry interest, hosted a case competition to help Syrian refugees and won a competition to develop concrete that's better for the environment.

You came here with big ideas. You now have a coveted base of knowledge and experience. If your plan is to pursue further studies at Ryerson, you will join a vibrant community of scholars. And if you are leaving Ryerson today, you will find creative ways to improve and enrich your community and field in the coming years. Either way, I hope you will continue to see Ryerson as home and keep us posted on your achievements.

With my thanks and best wishes for a bright future.

Chris Evans



Faculty of Arts



Jean Paul Boudreau
Dean, Faculty of Arts

On behalf of the professors and staff in the Faculty of Arts, I extend my heartfelt congratulations to the class of 2016 on your accomplishments.

I also want to convey a special thanks to this year's graduates in appreciation of all you have contributed during your time at Ryerson. Your engagement and enthusiasm have enriched us in countless and diverse ways. I am confident that each of you will show the same passion and imagination in the years ahead, as you apply the knowledge and skills you have learned here to the choices you make in your careers and personal lives.

The professors and staff you have come to know will take delight in celebrating your future achievements. Helping you realize success is the reason why we are here and why this ceremony is such a significant moment for you and for us. Our commitment to you keeps us tuned in and focused on how the humanities and social sciences can address the needs of our ever-changing society.

We hope you will continue to feel a special bond with Ryerson, the Faculty of Arts and your academic program. By staying connected and getting involved in alumni affairs, you will help us enhance the experiences of those who will follow in your footsteps.

In the Faculty of Arts, we continue to challenge ourselves to ensure the highest quality education for our students. Together we are making a difference.



Faculty Highlights:

- The Faculty of Arts is enjoying a period of remarkable growth. We have launched new undergraduate and graduate programs and our innovative, research and creative activities continue to gain momentum and considerable external recognition.
- With the pace of social change increasing, we are incubating solutions to local and world problems through the SocialVentures Zone, a multidisciplinary co-working space that fosters learning through social enterprise.
- We succeed when the life of the mind intersects with real student action. The first cohort of students graduating from the Environment and Urban Sustainability program exemplify our mission to extend teaching, research and service into our community in a progressive and impactful way.
- Partnerships are key to our success and they reflect Ryerson's mandate to provide students with a career-focused education that meets important societal needs. We look forward to continued partnerships with our alumni, government and industry in the local region and beyond.
- In everything we do, we stay relevant. The faculty's commitment to providing a highly relevant education underscores all of our scholarly and pedagogical decisions. We promote academic excellence and create transformative solutions in response to the evolving needs of our students and society.



Faculty of Communication & Design



Charles Falzon
Dean, Faculty of
Communication & Design

Congratulations to the graduating class of 2016! Today is a milestone that recognizes both your achievements as a Ryerson student and the launch of your professional career.

The Faculty of Communication & Design (FCAD) is Toronto's creative innovation hub at Ryerson. During your undergraduate years, you were challenged to reach beyond your imagination in one of our 15 highly acclaimed programs. You experienced a rich variety of classroom-based, extracurricular and professional opportunities. And now, you enter the marketplace with one of Canada's most sought-after educational experiences.

Congratulations to those of you receiving a graduate degree from FCAD. Our faculty embraces excellence through research and advanced studies. In partnership with the Yeates School of Graduate Studies, our programs prepare you to become leaders in your professions, both locally and globally.

FCAD provides much of the emerging talent for Canada's cultural economy. To be part of FCAD is to be a member of a passionate, talented community of students, faculty, staff and alumni. Our graduates have had an extraordinary impact on their respective disciplines – and now you are one of those graduates!

On behalf of everyone in the faculty, I extend to you our best wishes. As you embark on new adventures, please know that we are very proud of you. We share in your sense of achievement and truly look forward to your future success.



Faculty Highlights:

- FCAD is home to Canada's nine leading schools in the media and creative industries. Our unique programs are at the heart of the cultural industries' evolution. Indeed, we have an in-depth understanding of audiences, cultural strategies and digital innovation.
- FCAD enables students to further their learning both inside and outside of the classroom. Experiential learning opportunities, industry partnerships, internship opportunities and three learning zones set our programs apart from the rest.
- FCAD's schools have a strong reputation in Canada and around the world. The faculty makes a significant impact across the creative industries through its network of alumni, renowned faculty members and distinguished visiting professors.
- Known for its innovation in the creative industries, FCAD has a strong research culture. Along with three zones, four research chairs and seven research centres, the faculty's 140 professors are working on a variety of scholarly and creative projects.
- FCAD enables students to set their imaginations free at the crossroads of technology and art. Our resources include audio facilities, film, television and printing studios, newsrooms, dance and theatre spaces, a design fabrication lab, a flex lab and a maker space.



Faculty of Community Services



Usha George
Dean, Faculty of
Community Services

Greetings to the graduating class of spring 2016. I would like to take this opportunity to congratulate all of you on the completion of your studies at Ryerson University.

The Faculty of Community Services is committed to providing students with an enriching, high-quality experience that will enable them to enhance the quality of life of individuals, families and communities. Our programs are delivered by dedicated, highly qualified instructors who integrate research and practical experience into their teaching. As we ready graduates to work in the social and human services field, we endeavour to stay relevant and responsive to community needs as we promote the values of social justice, diversity and inclusion. Through structured opportunities for active learning, we provide transformative education that prepares today's students to become tomorrow's changemakers.

Post-secondary education is increasingly recognized as an essential driver of Canada's economic growth and social well-being. Our graduates possess the transferable knowledge and skills to function in a highly competitive global economy. It is our sincere belief that we have successfully prepared you to identify and occupy the special spaces that match your interests. I encourage you to treasure your positive experiences at Ryerson and to be great ambassadors for your program. I wish you all the best in your future endeavours and hope that you stay in touch.

Photo: Mark Blinch



Photo: Prasul Parasanthan, Amrita CREATE

Faculty Highlights:

- The faculty offers interprofessional education opportunities that prepare students to work collaboratively with other health-care and community services professionals to improve client care.
- FCS Research Insights presents plain-language summaries of faculty members' research, as well as policy and practice insights. These synopses provide decision-makers with accessible and timely evidence, enabling them to make informed decisions that will improve the health and well-being of society. Visit fcsktp.ryerson.ca
- -The master of arts program in Child and Youth Care, which will launch this fall, will educate and promote leadership in child and youth care. It will also emphasize children's rights and the daily experiences of youth within institutional and community settings.
- Our partnership with South India's Amrita University, part of our faculty's social innovation initiative, enables students to have intensive field experiences in rural villages through Amrita's Live-in Lab program.
- The Centre for Urban Research and Land Development develops evidence-based policies and solutions to address the key concerns of rapid urban growth and change within the Greater Golden Horseshoe.

Faculty of Engineering and Architectural Science



Thomas Duever, P.Eng.
Dean, Faculty of Engineering and
Architectural Science

It is my great honour to congratulate the graduates from our various Faculty of Engineering and Architectural Science (FEAS) programs. Your academic journey was not easy, but with hard work, motivation, perseverance and commitment, you made it through. This is truly a special time, full of personal triumph and accomplishment, so please take a moment to enjoy it – you have earned it!

We hope you have been inspired to become socially conscious engineers, architects and building scientists. Now, we encourage you to take measured risks and explore new possibilities after graduation, and most importantly, to stay connected to the world around you. After all, the fields of engineering and architecture are about helping people. Professionals in these fields identify needs, collaborate across many backgrounds, and invent and design with purpose for the betterment of society. We urge you to always remember that.

We are proud to have provided you with a relevant, career-ready education. It's now your turn to make a tangible difference in the future of humanity. The world is waiting for your ideas – we can't wait to see what you will do!

Best wishes for continued lifelong success.



Faculty Highlights:

- Record cold temperatures can't freeze students' creativity: as part of Toronto's Winter Stations Design Competition, a group of architectural science students converted a lifeguard stand into a warming hut. Their winning design was installed on a local beach last winter.
- Levitating cars aren't just fantasy anymore: in December, a team of aerospace engineering graduate students won the Subsystem Innovation Award at an international SpaceX competition to develop levitating cars for a Hyperloop rapid-transit test track.
- Big data is a big deal: in September, FEAS opened the Toronto Stock Exchange to celebrate a new partnership with TMX Group that will help Ryerson develop highly skilled graduates in the rapidly growing field of data science and analytics.
- Proximity breeds collaboration: in January, Ryerson formally unveiled a new partnership with St. Michael's Hospital called Institute for Biomedical Engineering and Science Technology (iBEST), which will help students and researchers develop innovative health-care solutions and improve patient care.
- A cleaner, more reliable grid for our future: Students and researchers in the Centre for Urban Energy are testing a giant battery system that could help us collect renewable energy like wind and solar and use it when we need it.

Photo: Rémi Carreiro, Architectural Science.



Faculty of Science



Imogen Coe
Dean, Faculty of Science

On behalf of everyone in the Faculty of Science (FOS), I extend sincere congratulations to all the graduates of our science programs. Your contributions and energy have contributed to the success of this new faculty. Each one of you should be very proud of your accomplishments, and we celebrate with you, your families and your friends in achieving this milestone.

We know our science programming represents the highest-quality learning experience while remaining relevant and grounded in real-world complexities. Our aim is simple: to provide access to science-related activities that enlighten and inspire. Our eight undergraduate and five graduate programs enable students to develop a skill set that includes a deep understanding of the world and the confidence to apply that knowledge and create practical solutions to local and global challenges.

The acronym with which we have chosen to define ourselves – FOS – can mean many things other than Faculty of Science. For example, “foundations of science” or “full operating system” and even “fructo-oligosaccharide.” But most significantly, in Greek, FOS (Φως) means light. Science illuminates our world and enables us to better understand ourselves. As Carl Sagan, the late astrophysicist and popularizer of science, often said, “Science is a candle in the dark.”

Our science graduates are the leaders of tomorrow and their contributions to society, in many different venues, will be impactful and meaningful. We look forward to hearing about your future successes.

Now, go and change the world!



Faculty Highlights:

- Established in 2012, the FOS is the first new faculty launched at Ryerson in more than 40 years.
- We are the only institute in the Greater Toronto Area to offer a CAMPEP-accredited biomedical physics MSc and PhD option in medical physics.
- Committed to growing and expanding our programs, we now offer a software engineering concentration option for computer science undergraduates. What's more, with the addition of the doctoral program in mathematical modelling and methods, the FOS is now the first and only comprehensive faculty at Ryerson in which all departments have doctoral programs.
- All our science programs are in demand with the two newest programs, biomedical sciences and financial math, being particularly popular. Maclean's magazine highlighted our biomedical undergraduate program as one of Ryerson's "standout programs."
- Science students organize and lead various initiatives, including charity events, networking and professional development opportunities, and mentorship programs.
- Actively engaged in science outreach initiatives in the community, we recently received the Community Champions Award from Visions of Science.
- The FOS has extended its global reach by partnering with Wageningen University and the University College London to launch the Global Science Citizen program. Our first cohort of exchange students will depart this year.
- We have more than 7,000 alumni.



The Chang School of Continuing Education



Marie Bountrogianni

Dean, The Chang School of Continuing Education

Congratulations! You are a graduate of The G. Raymond Chang School of Continuing Education!

Your certificate will help you follow your passion, whether you're advancing in your current career or transitioning into a different employment opportunity.

By making lifelong learning a top priority, you have proven your commitment to investing in yourself and charting your own course. You made the time to attend classes and participate online. You completed assignments and prepared for tests. And now, your certificate is a strong symbol of your dedication and achievement.

As you move forward, we hope you will stay in touch. One of our goals at The Chang School is to engage and support alumni, as well as our current and prospective students. Another priority is to continue our work to build relevant academic and professional programs with industry connections. So when you're looking for your next learning challenge, we'll be ready with the right continuing education offerings. In fact, many of those programs will be online and will focus on innovation, interactivity and accessibility.

Whatever path you choose, we hope you keep doing what you love. And remember, learning can lead you to unexpected places – that's one of its most exciting features. So always keep your eyes open for new opportunities.

We wish you every success!



School Highlights:

- **ChangSchoolTalks 2016: Experiential Learning in Action:** This year's event featured experts from the higher education, private and public sectors. Attendees exchanged knowledge and discussed pressing topics in education and workplace learning. Proceeds supported bursary funds for students at The Chang School.
- **Experiential Learning Exchange (ELX):** This flexible model of learning emphasizes hands-on, project-based activities and connects students with coaches, expert advisors and peers. While enhancing their core competencies, learners choose what they want to learn and set the pace.
- **Five-Year Academic Plan (2014-2019):** The Chang School's six goals complement the 29 strategies identified in *Our Time to Lead*, Ryerson's five-year academic plan, and provide a framework for the future that will inform decision-making and guide strategy development.
- **Internationally Trained Medical Doctors (ITMD) Bridging Program:** This initiative prepares internationally trained medical doctors, dental surgeons, and clinical public health professionals for non-licensed health research and health management jobs in Ontario.
- **Military Veterans Initiative:** The Chang School has consulted with numerous organizations and members of the Canadian Armed Forces to assist veterans with integration into civilian employment.



Yeates School of Graduate Studies



Jennifer Mactavish

Dean, Yeates School
of Graduate Studies

Congratulations on completing your graduate degree. You should be extremely proud of this tremendous academic achievement. As you sit here today, surrounded by your fellow graduates, take time to celebrate the significance of your accomplishment. You have earned a distinction that isn't readily accessible to, or attainable by, all people.

I hope you also will reflect on your experience as a graduate student – the personal attributes that made you successful, the professors, researchers, supervisors and classmates who contributed to your intellectual growth, and the special people in your life who provided support during your journey.

Today, you join a burgeoning alumni community that represents the extraordinary evolution of graduate education at Ryerson. In just 15 years, graduate education has grown from 50 students in three master's programs to 2,600 students in 40 master's and 15 PhD programs. You represent the next generation of creative leaders, intellectual explorers, social and cultural changemakers, and innovators and entrepreneurs.

You are graduating from a university with a unique tradition in graduate education. I trust that you are ready to carry on this tradition as you move forward and make your mark in the world. We at Ryerson are proud of you and wish you a future filled with continued success! Be and do well!

Photo: Cyrus Sundar Singh, Documentary Media MFA



School Highlights:

- Five new graduate programs and three professional master's diplomas will commence this fall, pending government approval. Their launch will support Ryerson's vision to become Canada's leading comprehensive university.
- PhD students Eno Hysi, Biomedical Physics, and Merriam Haffar, Environmental Applied Science and Management, received prestigious \$50,000 Vanier Scholarships for leading-edge research in their respective fields.
- Ryerson and York University graduate students collaborated on CAGS/SSHRC 2015: Imagining Canada's Future, a national project that addressed the question, "What knowledge will Canada need to thrive in an interconnected, evolving global landscape?"
- PhD student Ellen Hibbard, Communication and Culture, who is deaf, made Ryerson history with her groundbreaking thesis – half-text and half-video with American Sign Language (ASL) – exploring the impact of online videos on the deaf community.
- The Yeates School of Graduate Studies (YSGS) celebrated the winners of the GRAD 6-Word and 60-Second Video contests in February. Three hundred graduate students participated in the competitions, which encouraged entrants to share their graduate experience at Ryerson.



Ted Rogers School of Management



Steven Murphy
Dean, Ted Rogers School
of Management

Congratulations to the 2016 graduates of the Ted Rogers School of Management.

Your graduating class has a remarkable spirit of collaboration. You've also demonstrated the courage to innovate and made an unwavering commitment to community, diversity and inclusion. You should be exceptionally proud to graduate today, an achievement that represents the culmination of years of hard work.

You are tomorrow's global business leaders. I encourage you to continue to push expectations and defy conventions as you start your careers.

Remember that, although your time as a TRSM student has come to an end, you remain a valuable member of our community. Our success is measured not just by your great work within the walls of TRSM, but also by your accomplishments as business leaders and proud alumni.

We are here to help you along the next steps of your journey. Our Business Career Hub, for example, offers continuous learning and career development support. I also urge you to get involved with TRSM's many alumni associations, keep in touch with your friends and colleagues, and make lifelong learning a top priority. I hope our paths will cross again – in the workplace, at Ryerson events or in a classroom as graduate students.

I extend heartfelt thanks to our faculty and staff for their hard work and dedication, and congratulate our graduating students once again. I wish you all the best in your next endeavours and I look forward to hearing about your many future successes.



School Highlights:

- The Ryerson MBA at TRSM was ranked among the top 100 full-time MBA programs in the world by The Economist in 2015.
- Enactus Ryerson, one of TRSM's 30 student groups, continued to demonstrate a commitment to community building by bringing fresh, affordable produce to Canada's far north through its Growing North project (pictured below). It helps alleviate food insecurity through innovative greenhouse technology.
- With the launch of the Social Media Lab and National Institute on Ageing, TRSM now has 15 research centres, institutes and labs. Also, to further enhance undergraduate experiential learning, TRSM has launched the Zone Learning Analytics School and Sport Innovation Hub.
- TRSM alumnus Charith Perera (Finance '12) landed a \$1 million deal on CBC Television's Dragons' Den for his online premium auto-parts company TDot Performance, a venture he started while a TRSM student.
- After relaunching the Master of Science in Management program, TRSM has been overwhelmed with applications from qualified students and prospective candidates.



Faculty Speakers

To be invited to deliver a convocation address to a graduating class is both an honour and a daunting task. Faculty speakers are chosen because they are leaders in their field. Whether they come from within Ryerson's own ranks or from the community at large, their speeches impart words of wisdom and inspiration.

We sincerely thank each of them for the time they are sharing with Ryerson's graduating class of 2016.

Honorary Doctorates

Ryerson has bestowed honorary awards on a regular basis since 1979. In 1996, the University began awarding honorary degrees. Candidates for honorary degrees are selected on criteria that include: an outstanding contribution to society; a significant achievement in the use of an interdisciplinary approach to university education; noted accomplishments and/or applied research in a field related to Ryerson; enhancement of Ryerson's image, at home or abroad; and the promotion of Canadianism in the arts, science, business, public service or communications. Preference is given to those whose achievements have not previously received wide public attention.

For a complete listing of Ryerson's Fellowship and Honorary Doctorate recipients go to ryerson.ca/convocation/hondocs.



Honorable Omar Alghabra

MP Mississauga Centre, Distinguished Visiting Fellow, Faculty of Engineering and Architectural Science

After graduating from Ryerson University's mechanical engineering program, Omar Alghabra completed his MBA in finance, entrepreneurial studies and strategic management at York University. He is now the member of parliament for Mississauga Centre and a parliamentary secretary to the minister of foreign affairs (consular affairs).

A professional engineer, a continuous improvement Six Sigma Black Belt and a longtime community activist, Alghabra was previously an MP from 2006 to 2008 and served as the shadow cabinet critic for citizenship and immigration and natural resources. Before entering public life, he managed a North American business for General Electric's energy services division. He was also vice-president, corporate development for Enbala Power Networks, a smart-grid engineering firm, and a senior strategy consultant with the Ontario Energy Board, promoting innovation in the electricity marketplace.

As a distinguished visiting fellow in Ryerson's Faculty of Engineering and Architectural Science (FEAS), Alghabra has been the driving force behind groundbreaking conferences that explore how to enhance engineering leadership in industry and civic life. His next goal is to establish a leadership institute within FEAS.



Jehad Aliweiwi

Executive Director, Laidlaw Foundation

Jehad Aliweiwi has been executive director of the Laidlaw Foundation since 2014. He was previously executive director of Thorncliffe Neighbourhood Office, a multi-service non-profit organization that serves the Thorncliffe and surrounding communities. He has also served as regional director of the metro region of Catholic Crosscultural Services and as race relations officer and then executive director of the Canadian Arab Federation.

Aliweiwi advocates passionately for providing newcomers and ethno-cultural communities with greater access to Canada's economic, cultural, social and political landscape. Considered one of the country's leading experts on the Middle East, he is a frequent media commentator on political development in the region.

A trustee of the Ontario Science Centre, Aliweiwi has served on the boards of the Fred Victor Centre, the Canadian Council for Refugees, the Ontario Council of Agencies Serving Immigrants and the Toronto Neighbourhood Centres. In recognition of his contributions as a community volunteer, he was awarded a 10-year Volunteer Service Award from the Ontario Ministry of Citizenship, Immigration and International Trade. He has also received the William P. Hubbard Award for Race Relations from the City of Toronto and a Local Hero Award from the Canadian Urban Institute.



Pnina Alon-Shenker

Associate Professor, Department of Law and Business, Ted Rogers School of Business Management

Pnina Alon-Shenker holds law degrees from the University of Haifa, the Hebrew University of Jerusalem and the University of Toronto and a doctorate degree (SJD) from the University of Toronto. Before being called to the Israeli bar in 2003, she served as a law clerk to Dalia Dorner then the Justice of the Supreme Court of Israel.

Today, Alon-Shenker is an associate professor in the Department of Law and Business at the Ted Rogers School of Management at Ryerson University. She is also the founding academic director of Ryerson's Law & Business Clinic, where students provide pro bono services to entrepreneurs from Ryerson and the broader community.

Alon-Shenker's research interests include labour and employment law with an emphasis on workplace rights, discrimination and diversity issues, the aging workforce, and various forms of employee representation. More recently, she has critiqued contemporary legal analyses of age discrimination in the workplace and has advanced a new paradigm that better articulates the wrongs associated with age discrimination.

A 2014 recipient of the Dean's Scholarly, Research and Creative Activity Award, Alon-Shenker received a Provost's Experiential Teaching Award earlier this year in recognition of her work to develop and lead the Law & Business Clinic.



Catharina and William Birchall

Doctor of Laws, *Honoris Causa*

William Birchall was born in the United Kingdom and moved to Toronto in 1970. A chartered accountant, he then joined Peter Munk as a financial controller for a development project in the South Pacific. That venture led to the ownership of Southern Pacific Hotel Corporation, the largest hotel group in the region. The corporation was sold in 1981.

The following year, William, Munk and other private investors established the predecessor companies of Barrick Gold Corporation. Today, the gold mining company has a market capitalization of more than \$20 billion and employs more than 15,000 people worldwide.

In addition to serving on Barrick's board, William is an independent director of Rogers Communications. His wife, Catharina, a native of Spain, attended McGill University before starting her career as a foreign exchange trader in Montreal. She is currently president of Ellettoile Limited, a private Toronto-based investment company.

William and Catharina are both champions of post-secondary education. The William Birchall Foundation, which was launched in 2007, supports Canadian and overseas scholarship programs, and charities such as CAMH, the Enablis Foundation, the Princess Margaret Cancer Centre, Room to Read and the United Nations High Commissioner for Refugees. Catharina serves on the boards of the William Birchall Foundation, and the Canadian Lyford Cay Foundation, which provides young Bahamians with scholarships to attend university in Canada.

The Birchalls have three children.



Lisa de Wilde

Doctor of Laws, *Honoris Causa*

Lisa de Wilde holds a bachelor of arts and a law degree from McGill University. A well-known Canadian media executive and a leader of innovation and transformative change, she has been CEO of TVO, Ontario's digital learning organization, since 2005.

de Wilde advocates for making educational broadcasting a key part of the knowledge architecture of digital media and ensuring Canada's leadership in this medium in a globally connected world. She has served as legal counsel for the Canadian Radio-Television and Telecommunications Commission (CRTC), as president and CEO of Astral Television Networks and is currently chair of the board of directors of the Toronto International Film Festival. She is also a member of the boards of TELUS and EnerCare Inc.

In 2009, de Wilde was recognized with a Canada's Most Powerful Women: Top 100 Award from the Women's Executive Network. She has also received the Queen Elizabeth II Diamond Jubilee Medal, the Order of Canada and an honorary degree from Brandon University.



Patricia and Dennis Edney

Doctor of Laws, *Honoris Causa*

Dennis and Patricia Edney have sought justice for a young man they read about in 2002 – Omar Khadr, later named “Guantanamo’s Child” by the media. Omar Khadr was detained by the Americans as a 15-year-old in Bagram, Afghanistan and then in Guantanamo Bay (GTMO), Cuba for over a decade. Patricia and Dennis’s two sons, then aged 12 and 7, were living proof of the preciousness of youth and strengthened their resolve to act. Affronted by the trampling of Omar’s legal rights through arbitrary detention and torture, Dennis began legally representing the young man with co-counsel Nate Whitling in 2004.

Over the years, Dennis provided Omar with pro bono representation, including three appearances before the Supreme Court of Canada and one before the Supreme Court of the United States. He travelled countless times to GTMO as a Pentagon-appointed foreign attorney consultant. In the face of the U.S. perversion of the rule of law in GTMO, Dennis doggedly challenged the Canadian government to advocate for Omar. Family events were missed and savings were depleted, but the Edneys were determined to help Omar find justice and true freedom.

In 2013, Omar was transferred to a maximum-security institution in Ontario and later to one in Edmonton. On May 7, 2015, he was released on bail to live with the Edneys and Patricia’s wish for Omar to join them was finally realized. Now, a year later, the family is enriched by the gentleness and strength of this young man.



Elizabeth Evans

Associate Dean, Undergraduate Academic Programs, Ted Rogers School of Management

Elizabeth Evans has an MBA from Queen’s University and a PhD in marketing from the University of Stirling, in Scotland. Now an associate dean of academic undergraduate programs in Ryerson University’s Ted Rogers School of Management (TRSM) she oversees the curriculum in addition to building an executive education portfolio for the faculty and establishing the marketing strategy and program for all of TRSM, while remaining an associate professor in the Ted Rogers School of Retail Management (SRM). Prior to that she was deputy director of retailing enterprises at the Art Gallery of Ontario before becoming director of SRM in 2004.

A seasoned strategist and brand builder, Evans spent more than 20 years in retail and consulting businesses prior to joining Ryerson. She began her career at Fairweather, a division of Dylex Limited, and eventually became executive director of marketing. She then opened a kitchenware business and expanded it to five stores before selling the company to a larger chain operation. She has also provided consulting services in strategic planning, management development and innovative competitive differentiation.

Evans’s research explores the impact of retail internationalization on the domestic sector’s competitiveness, and the role of creative thinking in problem solving at the managerial and organizational levels. Along with representing Ryerson on the Toronto Region Board of Trade’s economic development committee, she serves on the university’s Digital Media Zone selection committee and the TRSM dean’s advisory council.



Ella Ferris

Executive Vice-President, Programs, Chief Nursing Executive and Chief Health Disciplines Executive, St. Michael's Hospital

Ella Ferris is a registered nurse who holds an MBA from the Richard Ivey Business School at the University of Western Ontario. She has more than 40 years of experience in medical, surgical and critical-care settings within an acute care, academic health science centre.

At St. Michael's Hospital in Toronto, Ferris oversees the operational management of numerous areas, including trauma/neurosurgery, mobility, heart and vascular, critical care, specialized complex care, cancer services and the pharmacy department. She is also responsible for nursing and health disciplines, professional practice, education and research.

In 2001, Ferris was seconded to the Health Reform Implementation team of Ontario's Ministry of Health and Long-Term Care. She has served as program director of the Diabetes Comprehensive Care program and the Heart and Vascular program at St. Michael's Hospital, and led its SARS unit during Toronto's SARS outbreak.

In 2005, Ferris received the R. Alan Hay Memorial Hospital Executive Award from the Ontario Hospital Association. In 2013, Ferris received the Registered Nurses' Association of Ontario (RNAO) Leadership Award in Nursing Administration for her outstanding contributions to the profession of nursing in Ontario. At the end of this month, she will retire from St. Michael's Hospital after 43 years of dedicated service.



Siamak Hariri

Doctor of Architecture, *Honoris Causa*

A founding partner of Hariri Pontarini Architects, Siamak Hariri studied at the University of Waterloo and Yale University. His designs have won more than 50 awards, including the Governor General's Medal in Architecture for his design of the Schulich School of Business at York University. In addition, Hariri Pontarini Architects received the Royal Architectural Institute of Canada's Architectural Firm Award in 2013.

One of Hariri's earliest projects, the Canadian headquarters of McKinsey & Company, is the youngest building to receive a City of Toronto heritage landmark designation. His more recent projects include the Ivey Business School at the University of Western Ontario, the integrated Health Sciences Campus in Kitchener and the Art Gallery of Ontario's Weston Family Learning Centre. Many of his projects are also currently under construction, including Toronto's Casey House, the University of Toronto's Faculty of Law, the Princess Margaret Hospital Space Transformation initiative, the Bahá'í Temple of South America and numerous private residences.

Hariri's work has been published extensively in Canada and around the world. He has taught in U of T's John H. Daniels Faculty of Architecture, Landscape, and Design, and serves on the boards of the Royal Ontario Museum's Contemporary Culture, the Toronto Foundation and Canada's Design Exchange.



Pam Hubley

Chief, Professional Practice and Nursing, The Hospital for Sick Children

Pam Hubley holds a bachelor of science in nursing from the University of Western Ontario, and a master of science degree and an acute care nurse practitioner diploma from the University of Toronto. A fellow of the J & J Wharton Nurse Executive program at the University of Pennsylvania, she has completed the Advanced Health Leadership program through the Rotman School of Management at U of T.

A pediatric nurse for more than 25 years, Hubley is vice-president, education and academic practice and chief of international nursing at Toronto's Hospital for Sick Children. She is also an adjunct professor in the Lawrence S. Bloomberg Faculty of Nursing at U of T.

Hubley's previous roles at SickKids include chief of professional practice and nursing, nurse practitioner and clinical nurse specialist. She has also served as a policy advisor and project consultant for Ontario's Ministry of Health and Long-Term Care and as clinical director of the Post-Master Acute Care Nurse Practitioner program at U of T.

Hubley is known for her innovative leadership, advocacy for children's health and commitment to professional nursing. In fact, through her work at SickKids, she is striving to advance professional nursing and child health in Ghana, Ethiopia, South Africa, China, the Caribbean and Qatar.



Lorraine Janzen Kooistra

Professor, Department of English, President's Award for Teaching Excellence Recipient

A Ryerson English professor, Lorraine Janzen Kooistra is the 2016 recipient of the Ryerson President's Award for Teaching Excellence. She has previously received the Ryerson Provost's Experiential Teaching Award and the Ontario Confederation of University Faculty Associations' Teaching Award.

Janzen Kooistra, who holds a master of arts and PhD from McMaster University, became chair of Ryerson's Department of English in 2005. Under her leadership, the department launched a master of arts in Literatures of Modernity and a bachelor's degree in English. In fact, Janzen Kooistra served as the inaugural director of the bachelor of arts program, which celebrated its first graduating class last year.

A founding co-director of Ryerson's Centre for Digital Humanities, Janzen Kooistra is an internationally renowned specialist in illustrated Victorian literature and digital humanities scholarship. Her research is supported by the Social Sciences and Humanities Research Council of Canada.

Janzen Kooistra has authored numerous scholarly articles and three monographs: *Poetry, Pictures, and Popular Publishing: The Illustrated Gift Book and Victorian Visual Culture 1855-1875* (2011); *Christina Rossetti and Illustration: A Publishing History* (2002); and *The Artist as Critic: Bitextuality and Fin-de-Siècle Illustrated Books* (1995). She also co-edits *The Yellow Nineties Online* (1890s.ca), an e-resource for the study of fin-de-siècle aesthetic magazines.



Curtis Maloley

Lecturer, The G. Raymond Chang School of Continuing Education

Curtis Maloley is a lecturer in Ryerson's Department of Sociology and The G. Raymond Chang School of Continuing Education. He received a 2016 Deans' Teaching Award and a 2015 Alan Shepard Equity, Diversity and Inclusion Award for his work as a core instructor in the Spanning the Gaps - Access to Post-Secondary Education program. The initiative aims to increase post-secondary participation among students who face systemic and personal barriers to education.

A passionate proponent of experiential learning, Maloley has helped open doors for students who have previously had negative experiences with education. Indeed, without Maloley's guidance, many of those students would not have gone on to pursue a post-secondary education.

Maloley recently joined Ryerson's Learning and Teaching Office as an educational developer. His role involves creating and co-ordinating professional development programming for teaching assistants, graduate assistants and graduate students at the university. Maloley's publications and current research focus on film and popular culture studies, conflict resolution, and experiential teaching and learning strategies.



Agnes Meinhard

Associate Professor, Department of Human Resources Management and Organizational Behaviour, Ted Rogers School of Business Management

Agnes Meinhard is a professor of organizational behaviour and theory in the Ted Rogers School of Management at Ryerson University. She is also the founding and current director of Ryerson's Centre for Voluntary Sector Studies, which conducts research on the non-profit sector.

A past nominee for TVO's Best Lecturer competition, Meinhard played an instrumental role in establishing Canada's first undergraduate interdisciplinary curriculum in non-profit and voluntary sector management at Ryerson.

With funding from the Social Sciences and Humanities Research Council of Canada, the province of Ontario and various research foundations, Meinhard has studied such issues as the role of non-profit organizations in integrating immigrants, the development of social enterprise organizations and how they improve the lives of marginalized individuals, how non-profit organizations respond to funding pressures and policy changes, the distinctive characteristics of women's voluntary organizations and corporate participation in the non-profit sector. To that end, she has won three "Best Paper" awards from the Administrative Sciences Association of Canada.

In addition to Meinhard's teaching and research activities, she has helped non-profit organizations improve their governance and management, and has served on the boards of several non-profit groups.



Nick Saul

Doctor of Laws, Honoris Causa

Born in Tanzania and raised in Canada, Nick Saul studied at the University of Toronto and Warwick University in the United Kingdom as a commonwealth scholar. Today, he is the co-founder, president and CEO of Community Food Centres Canada, a national organization that builds food-focused community centres in low-income neighbourhoods. These organizations offer numerous programs and services, all of which are based on the idea that good food is a powerful force for greater health, equity and social change.

A long-time community organizer, Saul has received the prestigious Jane Jacobs Prize and the Queen Elizabeth II Diamond Jubilee Medal. He speaks regularly on issues of justice, civic engagement and the Community Food Centre model of food access, health and community building.

Saul and his wife, Andrea Curtis, wrote the bestselling book, *The Stop: How the Fight for Good Food Transformed a Community and Inspired a Movement*. Published in Canada, the United States and the United Kingdom, the book was nominated for the Toronto Book Award and won several other honours.

Saul lives in Toronto and is the proud father of two boys.

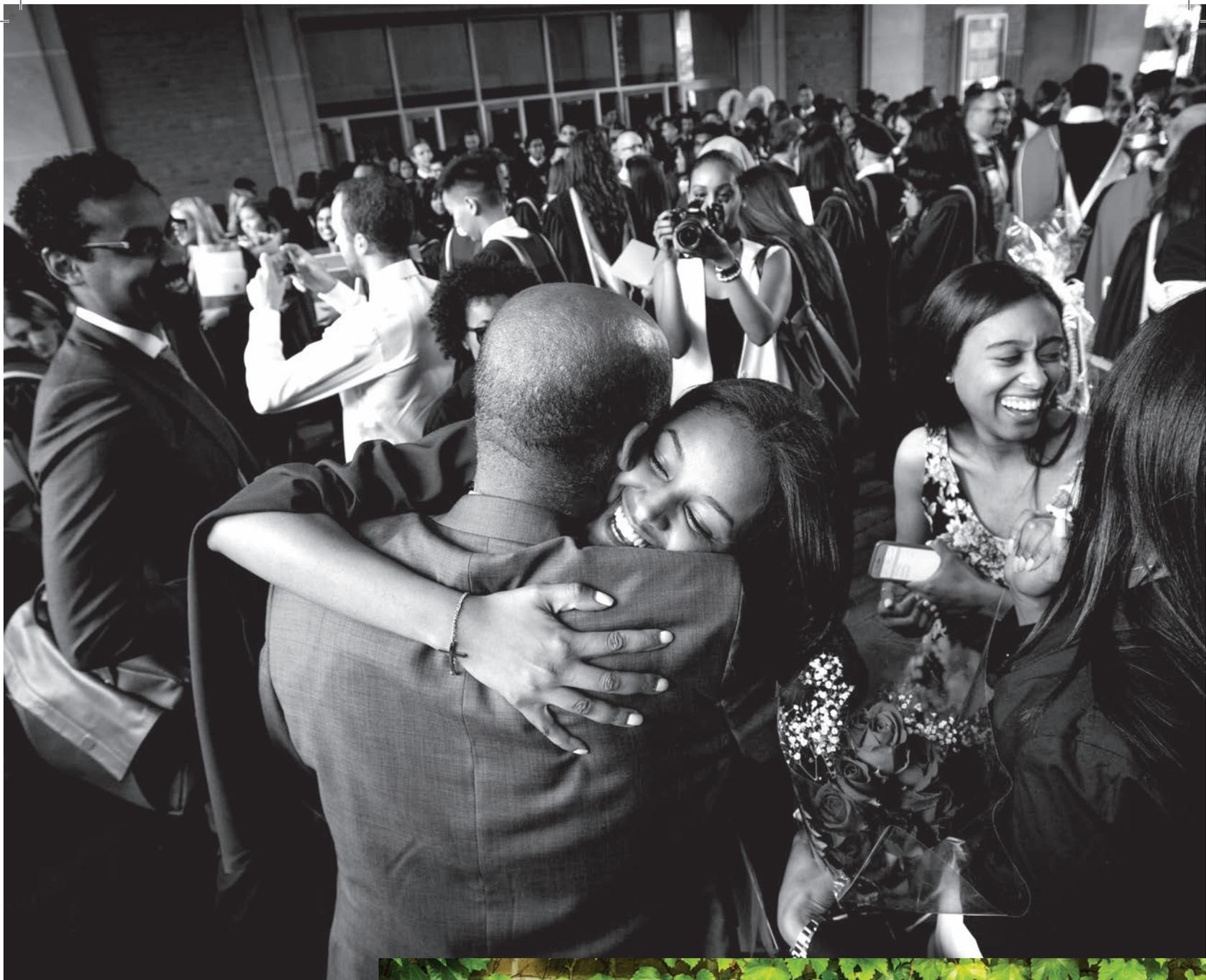


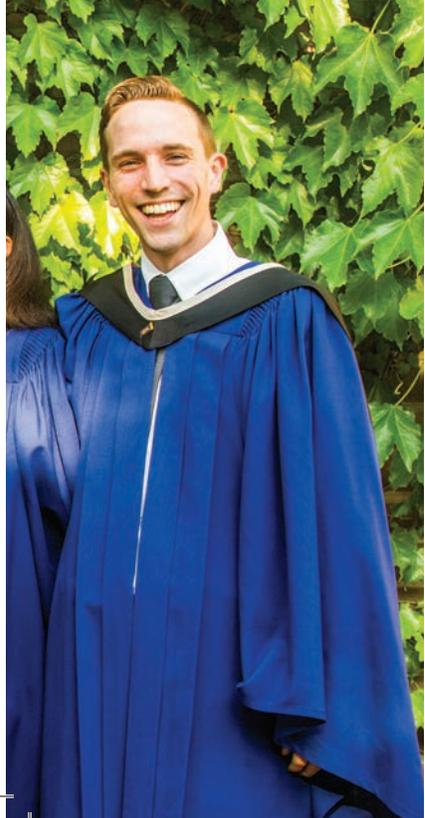
John Smol

Doctor of Science, Honoris Causa

John Smol is a professor of biology and environmental studies at Queen's University. The Canada Research Chair in Environmental Change, Smol founded and co-directs the Paleocological Environmental Assessment and Research Lab, which studies long-term global environmental changes, particularly in lake ecosystems. The author or editor of 21 books and more than 500 journal publications and chapters, Smol investigates the impact of climatic change, acidification, eutrophication, contaminant transport and other environmental stressors. He has also led research on circumpolar Arctic lakes for three decades.

Smol has received more than 50 research and teaching awards and fellowships, including the Gerhard Herzberg Canada Gold Medal. The honour, which recognizes the country's top scientist or engineer, is awarded by the Natural Sciences and Engineering Research Council of Canada. Smol is also the first scientist in the 134-year history of the Royal Society of Canada to win three individual medals – the Mirosław Romanowski Medal for environmental sciences, the Flavelle Medal for biological sciences and the McNeil Medal for the public awareness of science. An Officer of the Order of Canada and a 3M Teaching Fellow, Smol was named Canada's top mid-career scientific mentor by Nature magazine in 2010. Today, he chairs the International Paleolimnology Association and is editor of Environmental Reviews.





Convocation Ceremony Message

Family and friends are requested to rise when the academic procession enters, and remain standing until the conclusion of the invocation.

Following the convocation address, the graduands will rise for the general presentation of candidates and then resume their seats. Afterwards, graduands will be called and presented for the awarding of certificates, and undergraduate and graduate degrees.

At the end of the ceremony, the audience is invited to join in the singing of *O Canada*. Once the national anthem is completed, the audience is asked to remain standing until the conclusion of the academic recession.

Welcome to the Alumni Family

Congratulations on your graduation and welcome to life as a Ryerson University graduate! You may be leaving campus, but you're not leaving Ryerson. The Alumni Relations Office can help you network, maintain relationships and pursue your professional goals.

We'll connect you with friends and classmates, provide access to career services and counselling, and invite you to participate in alumni programs and special events. You're also entitled to many exclusive alumni privileges.

For example, along with a free subscription to Ryerson University Magazine, you'll receive a personalized alumni card. It's your key to a growing number of discounts and incentives.

Finally, you're always welcome to attend Alumni Weekend, the annual celebration for alumni and their families. For full details, visit ryerson.ca/alumni.

We're proud of you and your accomplishments, and we encourage you to keep the Alumni Relations Office apprised of your current contact information. That way, whether you stay in Toronto or move across Canada, you'll stay connected to Ryerson.

History of Ryerson

The Name

Egerton Ryerson was born into a United Empire Loyalist family in Norfolk County, Upper Canada in 1803. Ordained as a Methodist minister at 24, he was the sect's foremost speaker in its struggle to gain recognition from the provincial government, which favoured the Church of England.

Ryerson, however, is chiefly remembered for his work to build the Ontario school system. As superintendent of education from 1844 to 1876, he did much to make elementary education universally available and tuition-free. Ryerson also introduced compulsory attendance and teacher training, improved the quality of secondary education and introduced textbooks that he hoped would provide a high-quality education emphasizing moral and nationalistic values.

The Location

Under Ryerson's supervision in 1850, a parcel of semi-rural land, St. James Square, was purchased. The noted architect Frederic W. Cumberland and Thomas Ridout designed a classical building, with a vaguely Roman look, to house the Department of Education and the Normal School, which trained teachers. The extensive grounds around the building were used for early agricultural experiments.

In 1857, a model elementary school and, for a brief period, a model grammar school were added to the building to provide practical experience in teaching. The facility also housed the Department of Education's library, an education depository that sold school materials at cost to local schools, and a museum and art gallery. In 1882, an art school replaced the depository.

During the first half of the 20th century, the various activities associated with the building were gradually transferred elsewhere until 1941, when the Normal School was moved, the model school closed and the building was used for air force training. In 1944, the old building and several temporary facilities erected during the war became the headquarters for a province-wide program to train men and women for the war industry, and to teach various trades to service personnel.

Howard H. Kerr had led this program, and at the end of the war, he was put in charge of retraining returned service personnel at the Normal School building and elsewhere. In 1948, the program was phased out, but the government decided that technical training was needed to improve the quality of the Ontario workforce. Therefore, the old building and wartime structures became Ryerson Institute of Technology (RIT), with Kerr as its first principal. Ryerson's innovative curriculum combined applied training in a specialized field with information on the broader society in which the skill would be used.

By the late 1950s, all the buildings were decaying and a replacement process was launched. In 1963, the original education building, except for the central facade, was demolished and Howard Kerr Hall (the quadrangle) was erected in its place.

In 1964, RIT became Ryerson Polytechnical Institute and the school experienced many changes during the ensuing decades. Several buildings, for example, were built or acquired, including an underground athletics centre. After beginning to offer degrees in 1971, the institute expanded its role in the university sector, placed increased emphasis on research and launched the Centre for Advanced Technology Education and the Ryerson International Development Centre (now Ryerson International).

The early 1990s brought the opening of the Rogers Communications Centre and Ryerson's first large student residence. In addition, six engineering programs earned the right to grant BEng degrees, recognizing the increased qualifications of engineering graduates.

In 1993, Ryerson was granted full university status by the provincial government. The recognition was accompanied by a new name, money to support ever-increasing research activities and the opportunity to offer graduate programs. Today, Ryerson offers a wide range of master's and doctoral degrees in engineering, business, the social sciences, community services, and communications and design.

To meet the challenges of a rapidly growing student population, Ryerson has undergone a significant transformation during the early years of the 21st century. For instance, the 2000s saw the completion of

the George Vari Engineering and Computing Centre, the Heidelberg Centre – School of Graphic Communications Management building, the Sally Horsfall Eaton Centre for Studies in Community Health, the new Student Campus Centre, Heaslip House (home of The G. Raymond Chang School of Continuing Education) and the Faculty of Business building, now the Ted Rogers School of Management.

In 2012, the university opened two new facilities. The Ryerson Image Centre, which is attached to a reworked School of Image Arts building, houses the famous Black Star photographic collection, as well as other photographic materials and a large gallery space. The Mattamy Athletic Centre, which is situated in the upper reaches of the old Maple Leaf Gardens, brought hockey back to its natural home, and provides additional athletic and recreational facilities.

Finally, 2015 marked the opening of Ryerson’s spectacular Student Learning Centre. Located on Toronto’s major thoroughfare, Yonge Street, the centre provides space for student study activities and serves as a gateway to the campus.





Academic Costume

During the academic procession, gowns, hoods and caps are worn by Ryerson faculty, administration, members of the board of governors, graduating students and honorary doctorate recipients.

Academic costume dates from the 14th century, when long robes and hoods were worn by students and faculty to keep warm. Today, academic regalia have come to symbolize various scholarly honours and distinctions. The highest academic awards, for example, are represented by fuller gowns. Additionally, specific colours on the hood represent different degree-granting fields.

Modelled on British precedents and designs, Ryerson's academic costume also has unique characteristics. For instance, Ryerson's baccalaureate hood resembles that of the University of Aberdeen in Scotland. Meanwhile, the gown worn by certificate and baccalaureate-degree recipients features a common "undergraduate" style but in a distinctive blue colour. Finally, caps are part of the regalia of PhD graduates, and the president and chancellor, both of whom wear a cap and gown of office.

Egerton Ryerson and Indian Residential Schools

Ryerson University is named for Egerton Ryerson (1803-1882), a prominent Canadian who was influential in politics, religion, arts, science and education. Egerton Ryerson was instrumental in establishing a free and compulsory public education system in Ontario, which revolutionized education in Canada.

Ryerson University is proud of its history and its namesake's contributions. Ryerson the man, however, believed in different systems of education for Aboriginal and non-Aboriginal children. These beliefs influenced, in part, the establishment of what became the Indian Residential School system that has had a devastating impact on First Nations, Métis and Inuit people across Canada.

While Ryerson didn't implement or oversee Indian Residential Schools, his ideas were used by others to create their blueprint. It's important to acknowledge this connection. Likewise, it's important to note Ryerson University's commitment to respectful relationships with Aboriginal communities, within and outside the university, and to continuing to build and maintain a campus that welcomes and respects Aboriginal people.



Howard Kerr Memorial Mace

According to the Association of Commonwealth Universities, the mace was used as a weapon during medieval times to defend kings, barons or bishops. Today, the mace plays a major role in all university ceremonies and convocations, and symbolizes the chancellor's authority to award degrees.

The Howard Kerr Memorial Mace is named in honour of Ryerson's founder and first principal, who led the institution from its inception in 1948 until 1966. Kerr had the foresight that ultimately enabled Ryerson to evolve from an experimental institute of technology into Canada's leading university for high-quality, career-related education.

The mace, a gift from Kerr's hometown of Seaforth, Ont., is made of solid turned walnut, intricately carved protuberances and gilded 23-carat gold leaf. Featuring symbols that reflect Ryerson's development and customs, the mace was designed by Professor Emeritus Eugen Bannerman and handcrafted as a commission by Nova Scotia artist and sculptor Douglass Morse.



Ryerson Aboriginal Student Services Eagle Staff

In 2012, Ryerson University and Ryerson Aboriginal Student Services (RASS) were presented with an Eagle Staff, the traditional flag of Indigenous peoples. Ryerson is the only Ontario university to receive this spiritual honour, which is present at significant events, including convocation.

The Eagle Staff offers courage for the teaching and learning of Aboriginal students. It also recognizes Ryerson and RASS' leadership in creating a strong holistic support system for Aboriginal students.

Especially designed for Ryerson and RASS, and featuring the university's colours, the Eagle Staff contains carved pieces that depict the Seven Grandfather teachings of wisdom, love, respect, bravery, honesty, humility and truth. Footprints sewn into the cloth represent the learning journey of Aboriginal students at Ryerson while the silhouette of a learner beneath a dream catcher symbolizes students' attainment of their goal. Finally, the feathers represent the services and programs offered by RASS, the Aboriginal Education Council, Ryerson University and Aboriginal students.

Clock Tower and Carillon

Ryerson students have graduated to the sound of ringing bells in the Howard Kerr Hall quadrangle since 1964. But it's actually an electronic carillon, rather than bells, that produces the sounds.

Donated by the alumni association in 1964, the original carillon sat upon a vintage school desk in Kerr Hall West. The keyboard made felt-covered hammers strike musical rods, and the vibrations were amplified and sent to three horn speakers in Ryerson's clock tower, atop Howard Kerr Hall.

Wayne Detcher, Electrical Technology '64, has played the carillon during nearly every convocation ceremony for more than 50 years. In fact, during the spring 2014 convocation ceremonies, he played Ryerson's new carillon for the first time. The instrument, which resembles an electronic organ in a wood console, was purchased with help from a fundraising campaign that collected more than \$100,000 in donations.



Medals



Governor General's Academic Medals

Created and awarded in 1873 by Lord Dufferin, Canada's third Governor General after confederation, the Governor General's Academic Medal recognized scholastic achievements and has since become one of the most prestigious awards for students at Canadian educational institutions. The Governor General of Canada has continued the tradition of encouraging scholarship across the nation and recognizing outstanding students. The Governor General's Academic Medal is awarded to the student who graduates with the highest standing at his or her institution.

Today, the medal is awarded at four levels: bronze at the secondary school level, collegiate bronze at the post-secondary diploma level, silver at the undergraduate level and gold at the graduate level. Visit gg.ca for detailed descriptions of each face of the medal.



Gold Medal

One of the university's highest awards, the Ryerson Gold Medal is given to students who demonstrate outstanding academic achievement and school involvement. First awarded in 1951, the medal has since been bestowed upon more than 200 undergraduate, graduate and certificate students from the Faculties of Arts; Communication & Design; Community Services; Engineering and Architectural Science; Science; The G. Raymond Chang School of Continuing Education; the Ted Rogers School of Management and the Yeates School of Graduate Studies. One student from each faculty and school receives the medal: undergraduate and certificate students during the spring convocation ceremonies, and graduate students during the fall ceremonies.



Board of Governors Leadership Medal

First presented in 2013, the Board of Governors Leadership Award and Medal is the university's highest award. The award criteria include a student's final cumulative grade point average, as well as outstanding academic achievement and leadership qualities. Those characteristics are evidenced by a student's membership in Ryerson committees or extracurricular activities, or involvement in student and/or university affairs.

Each academic year, all Ryerson Gold medalists are eligible to receive the Board of Governors Leadership Award and Medal. The honour is awarded to a continuing education or undergraduate student during the spring convocation ceremonies and a graduate student during the fall ceremonies.

The Ryerson University Board of Governors 2015-2016

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Chancellor

Mohamed Lachemi
President and
Vice-Chancellor

Janice Fukakusa
Chair

Michèle Maheux
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General Counsel and
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Faculty

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Staff

John Austin
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Students

Jessica Machado
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Board Appointees

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Saeed Zolfaghari, Vice-Provost,
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Students
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Denise O'Neil Green, Assistant
Vice-President/Vice-Provost,
Equity, Diversity and Inclusion
Jean-Paul Boudreau, Dean,
Faculty of Arts
Charles Falzon, Dean, Faculty
of Communication & Design
Usha George, Dean, Faculty of
Community Services
Thomas Duever, Dean, Faculty of
Engineering and Architectural Science
Imogen Coe, Dean, Faculty of Science
Marie Bountrogianni, Dean, The
G. Raymond Chang School of
Continuing Education
Jennifer Mactavish, Dean, Yeates
School of Graduate Studies
Steven Murphy, Dean, Ted Rogers
School of Management
Charmaine Hack, Registrar
Madeleine Lefebvre, Chief Librarian

Secretary of Senate

John Turtle

Senate Associates

Anne-Marie Brinsmead, The G. Raymond
Chang School of Continuing Education
Muthana Zouri, The G. Raymond Chang
School of Continuing Education

Faculty

Arts
David Checkland, Philosophy
Michelle Dionne, Psychology
Eric Kam, Economics
Nima Naghibi, Chair, English and
Vice-Chair of Senate
Communication & Design
Alison Mathews David, School of Fashion
Catherine Schryer, Chair, Professional
Communication
Jason Lisi, Graphic Communications
Management
Charles Zamaria, RTA School of Media
Community Services
Richard Meldrum, Occupational and
Public Health
Henry Parada, Social Work
Thomas Tenkate, Director, Occupational
and Public Health
Kileen Tucker Scott, Nursing
Engineering and Architectural Science
Krishna Kumar, Aerospace Engineering
David Naylor, Mechanical and Industrial
Engineering
Bo Tan, Aerospace Engineering
Paul Walsh, Chair, Aerospace Engineering
Science
Robert Botelho, Chemistry and Biology
Ana Pejović-Milić, Chair, Physics
Dave Mason, Computer Science
Lawrence Kolasa, Mathematics
Ted Rogers School of Management
Ron Babin, Business Technology
Management
Allen Goss, Chair, Finance
Frances Gunn, Retail Management
Vanessa Magness, Accounting
Faculty-at-Large
Alex Ferworn, Computer Science
Andy McWilliams, Chemistry and Biology
Andrew O'Malley, English
Nancy Walton, Nursing
Librarian
Sonny Banerjee

The G. Raymond Chang School of Continuing Education

Costin Antonescu, Chemistry and Biology
Youcef Derbal, Business Technology
Management

Ryerson Faculty Association

Peter Danziger

Canadian Union of Public Employees (C.U.P.E.)

Joe Zboralski

Students

Arts

Axel Smith Schon, International Economics
and Finance

Communication & Design

Victoria Morton, RTA School of Media

Community Services

Kimberley Slimming, Child and Youth Care

Engineering and Architectural Science

Nicole Liu, Aerospace Engineering

Science

Jessica Machado, Biology

Ted Rogers School of Management

Benjamin Badiuk, Business Management

Students-at-Large

Joshua D'Cruz, Mechanical Engineering

Husain Mulla, Business Management

Uzo Odozor, Business Management

Obaid Ullah, Mechanical Engineering

Yeates School of Graduate Studies

Michael Schalk, Communication and
Culture

Bakistanani Sibanda, Aerospace Engineering

The G. Raymond Chang School of Continuing Education

Clare Yacyshyn

Ryerson Students Union (RSU) Representative

Cormac McGee, Vice-President Education

Continuing Education Students' Association (CESAR) Representative

Rabbia Ashraf, Vice-President Internal

Alumni

Meghan Rodrigues

Ryan Rodrigues

Key Highlights

Historic wins for Ryerson Rams

Ryerson varsity sports marked a milestone in 2016, sending both the women's and men's basketball teams, and the men's volleyball team, to the national championships. The women captured the university's first-ever national silver medal, while the men's basketball team earned their second consecutive bronze.

Church Street project includes new student residence

The university's newest development is underway on Church Street just north of Dundas Street. The Daphne Cockwell Health Sciences Complex is scheduled for occupancy in 2018 and will transform the streetscape, with housing for 332 students, innovative academic space and administrative offices. In recognition of gifts from Jack Cockwell and Brookfield Partners Foundation totalling more than \$28 million, the building is named in honour of Jack's mother, who dedicated her life to helping others.

Tech business incubator ranked #1 in North America

One of Canada's largest business incubators for emerging tech startups, the Digital Media Zone (DMZ) at Ryerson, was named the top university-based incubator in North America, and third in the world. Since its launch, 240 startups have been incubated at the DMZ, raising \$168 million in seed funding and fostering the creation of more than 2,150 jobs. Ryerson now has 10 distinct learning zones in fields such as fashion, urban energy and law, helping young entrepreneurs take their ideas from concept to sustainable new businesses or civic and social ventures.

Partnership with St. Michael's Hospital for innovative ideas

Ryerson and St. Michael's Hospital have launched a 20-year partnership to research and develop innovative health-care solutions and to support startup biomedical companies seeking to improve patient care. The partnership brings together Ryerson's engineering and science strengths with St. Michael's research and clinical expertise in a new 22,000-square-foot, state-of-the-art laboratory known as the Institute for Biomedical Engineering and Science Technology (iBEST). Adjacent to iBEST is the Biomedical Zone, a 2,000-square-foot physician-led incubator that will specialize in the development and commercialization of biomechanical products and technologies.

Campus community responds in a big way to Syrian refugee crisis

When the humanitarian crisis in Syria first came to light, students, faculty and staff set out to do something to help. They gave themselves a goal of forming 10 groups to sponsor 10 families, or about 40 refugees. The response from the campus and communities around the Greater Toronto Area (GTA) was overwhelming: six months after the program began, the Ryerson University Lifeline Syria Challenge created 75 teams to sponsor 75 families, or 300 refugees. The project now encompasses other GTA universities, has more than 1,000 volunteers – many of them students – and has raised more than \$3.5 million.

Convocation Thank you

An event of the magnitude and importance of a graduation ceremony does not happen without the year-long support of a cast of hundreds across campus. Therefore, a sincere thank you goes out to everyone who assists before, during and after the ceremonies; to the departments who graciously share their staff so they can participate in the celebration of student achievement; and to those who enthusiastically attend.

Each person on campus should be enormously proud as every contribution is essential to the success of our convocation events.

Sincerely,

- Kitty Choi, Administrative Assistant
- Taras Karpiuk, Administrative Assistant
- Ann Mackay, Manager
- Kim McDonald, Ceremonials Assistant
- Lise Payne, Events Co-ordinator
- Convocation and Awards Office team

#RoadFromRyerson

The official hashtag for your graduation and your transition from student to alumni at Ryerson University. Share your story with us!

studentlife.ryerson.ca/RoadFromRyerson



Read the current issue of Ryerson University Magazine
nxtbook.com/dawson/ryerson/alumni_2016summer/#/0

Congratulations and welcome to the alumni family

Stay in touch
 Get involved.
 Enjoy the privileges!



ryerson.ca/alumni



45 trees
3 tennis courts



165,129 L of water
472 days of water consumption



2,024 kg of waste
41 waste containers

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Convocation ceremony webcast at
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