

CANADA'S INNOVATION CORRIDOR SUMMIT

PRESENTED BY



**REGIONAL COLLABORATION,
GLOBAL COMPETITIVENESS**

BUILDING CANADA'S INNOVATION CORRIDOR

June 26, 2018
Royal Botanical Gardens

CORRIDORSUMMIT.CA

#CICS2018



An initiative of Canada's Innovation Corridor Business Council

WELCOME



Thank you for attending the inaugural Canada's Innovation Corridor Summit, a leadership gathering to help drive regional collaboration to enhance global competitiveness.

This event is an initiative of Canada's Innovation Corridor Business Council. We are a partnership of chambers of commerce and boards of trade in Southern Ontario committed to the creation of shared prosperity that provides benefits at the local, regional and national levels.

The corridor is a world-class economic powerhouse responsible for more than one-fifth of Canada's GDP. It's anchored by Toronto, Waterloo Region and Hamilton-Burlington, and augmented by a mix of neighbouring communities. Working in cooperation with a myriad of stakeholders — including leaders representing all orders of government and a membership of more than 21,000 businesses — our goal is to make Canada's Innovation Corridor a top ten global region by 2025.

Our Council's efforts to-date include joint advocacy on common issues such as regional transportation, transit, manufacturing and global trade; pioneering studies and reports; and, events and seminars to promote education and engagement.

This year's summit dives into three regional themes of shared interest: Advanced Manufacturing Supercluster, goods movement and workforce development.

On behalf of our Corridor Business Council, and everyone involved in organizing today's summit, we salute our valued sponsors, speakers and panelists. We also celebrate the support of our host "Bay Area" community represented by Mayor Fred Eisenberger (Hamilton) and Mayor Rick Goldring (Burlington). Equally important, we thank today's attendees — your participation, feedback and encouragement will energize the day and help shape the future of Canada's Innovation Corridor.

~ Summit Steering Committee



Jan De Silva
President & CEO
Toronto Region
Board of Trade



Ian McLean
President & CEO
Greater Kitchener
Waterloo Chamber
of Commerce



Keanin Loomis
President & CEO
Hamilton Chamber
of Commerce

AGENDA AT A GLANCE

MORNING

- 8:00 AM** ● **Breakfast / Opening**
- 8:15 AM** **Video Presentation:** Welcome to Canada's Innovation Corridor
- 8:20 AM** **Remarks:** Building Partnerships for Future Success
- 8:25 AM** **Supercluster Panel:** Unlocking Opportunity
- 8:50 AM** **Featured Speaker:** Canadian Business in a Connected World
- 9:30 AM** **Presentation:** The Future of Advanced Manufacturing
- 10:00 AM** **Workforce Development Panel:** Fuelling Awesome Talent
- 11:00 AM** **Breakouts:** Building Canada's Innovation Corridor
 - 1. Deploying Technology in the Age of Industry 4.0
 - 2. Public Views on Technology, Data and Automation
 - 3. Building Blocks for Innovation

LUNCH

- 12:00 PM** ● **Lunch**
- Remarks:** Embrace The Future
- Corridor Mayors Panel:** Priority Initiatives for a Prosperous Corridor
- Special Announcement**

AFTERNOON

- 2:00 PM** ● **Goods Movement Panel:** Three Bold Solutions
- 3:00 PM** **Breakouts:** Targeted Discussions on Select Solutions
 - 1. Promoting a Transportation Mega Hub
 - 2. Unblocking the 401 Bottleneck
 - 3. Expanding Off-Peak Deliveries
- 4:00 PM** ● **Key Actions and Next Steps**
- 4:15 PM** ● **Reception**

See Event Map for room locations.

MORNING PROGRAM

8:00 AM OPENING

Bay Area Welcome

Keanin Loomis, President & CEO, Hamilton Chamber of Commerce

Keith Hoey, President & CEO, Burlington Chamber of Commerce

Regional Collaboration, Global Competitiveness

Jan De Silva, President & CEO, Toronto Region Board of Trade and Co-Chair of Canada's Innovation Corridor Business Council

Ian McLean, President & CEO, Greater Kitchener Waterloo Chamber of Commerce and Co-Chair of Canada's Innovation Corridor Business Council

8:15 AM VIDEO PRESENTATION

Welcome to Canada's Innovation Corridor

Sponsored by McMaster Innovation Park

8:20 AM REMARKS

Building Partnerships for Future Success

Sponsored by McMaster University

Patrick Deane, President, McMaster University



Patrick Deane is the seventh President and Vice-Chancellor of McMaster University, a position he has held since 2010.

As President, Dr. Deane is focused on promoting and supporting research, strengthening the connections between the University and the local and global communities that it serves and ensuring a distinctive, personalized and engaging experience for McMaster's students.

8:25 AM SUPERCLUSTER PANEL

Unlocking Opportunity

Sponsored by ArcelorMittal Dofasco



Avvey Peters, Chief Strategy Officer, Communitech (*Moderator*)
Avvey focuses on strategy, operations, advocacy, and partnership development. She was co-chair of the working group for the Advanced Manufacturing Supercluster.

Bob Magee, Vice Chair, Next Generation Manufacturing Canada

Lynn McNeil, Chief Operating Officer, ChipCare Corporation

Angela Pappin, Vice President, Technology, ArcelorMittal Dofasco

8:50 AM FEATURED SPEAKER

Canadian Business in a Connected World

Sponsored by Gowling WLG

Jonathan Hack, Bombardier Aerospace



Jonathan is an innovation leader in the Canadian aerospace sector. He joined Bombardier in 2010 after an extensive career of 23 years in the automotive industry with General Motors – both in Canada, and internationally.

At Bombardier's aerospace division, Jonathan is responsible for innovation/patent activities, the 'strategic technology' (R&D) portfolio of projects for the company's Toronto-based activity and is currently leading aerospace R&D efforts in the area of advanced aircraft interiors and systems.

Jonathan is President & Chair of the Board of Directors for the Ontario Society of Professional Engineers (OSPE). He holds a B.Eng & Mgt degree (mechanical) from McMaster University and an MBA from York University.

MORNING PROGRAM (CONTINUED)

9:30 AM PRESENTATION

The Future of Advanced Manufacturing ~ Developing Collective Competence *Sponsored by Mohawk College*

Jesse Hirsh, Futurist



Jesse owns and operates Metaviews Media Management Ltd., which focuses on research and consulting around new media business models, big data, and the strategic use of social media. He is also a co-founder of the Academy of the Impossible, a peer to peer lifelong learning facility.

Because of the impact technology has on our relationship with the world, Jesse believes that it should be used in responsible and creative ways. He encourages audiences to use technology as the catalyst for collaboration, education, and growing thriving organizations.

Jesse was educated at the McLuhan Program at the University of Toronto. Jesse also recently completed a Master's Degree at Ryerson University focusing on algorithms and predictive analytics.

10:00 AM WORKFORCE DEVELOPMENT PANEL

Fuelling Awesome Talent *Sponsored by Ryerson University*

Todd Letts, CEO, Brampton Board of Trade (*Moderator*)

Tony Chahine, CEO, Myant Inc.

Dr. Steven Liss, VP Research and Innovation, Ryerson University

Kathy Woods, Partner | Consulting, Human Capital, Deloitte

11:00 AM CONCURRENT BREAKOUTS

Building Canada's Innovation Corridor

 AUD

1. Deploying New and Emerging Technologies in the Age of Industry 4.0 *Sponsored by Salesforce*

Achyut Jajoo, Vice President & GM Manufacturing, Salesforce (*Moderator*)

John Commacchio, Senior Vice President & CIO, Teknion

Elliot Bender, VP of Business Development, Brampton Brick Ltd.

 B

2. Public Views on Technology, Data and Automation *Sponsored by Manulife*

Mike Colledge, President, Canadian Public Affairs, Ipsos

 C

3. Building Blocks to Supercharge the Innovation Corridor *Sponsored by University of Toronto*

Keri Damen, Managing Director, U of T Entrepreneurship (*Moderator*)

Scott Bradley, VP of Corporate and Government Affairs, Huawei

Ryan Gariepy, Co-Founder & CTO, Clearpath Robotics

Avvey Peters, Chief Strategy Officer, Communitech

LUNCH PROGRAM

12:00 PM  **LUNCH**
Sponsored by Salesforce

REMARKS

Embrace the Future
Sponsored by Salesforce

Richard Eyram, Head of Canada, Salesforce

CORRIDOR MAYORS PANEL

Priority Initiatives for a Prosperous Corridor
Sponsored by the City of Brampton, City of Burlington, City of Hamilton, and Region of Waterloo

Kithio Mwanzia, CEO, Guelph Chamber of Commerce
(Moderator)

Fred Eisenberger, Mayor, City of Hamilton

Rick Goldring, Mayor, City of Burlington

Linda Jeffrey, Mayor, City of Brampton

Berry Vrbanovic, Mayor, City of Kitchener, Region of Waterloo

SPECIAL ANNOUNCEMENT

Release of Regional Movement of Goods Report with Recommendations

Jan De Silva, Co-Chair, Canada's Innovation Corridor Business Council

AFTERNOON PROGRAM

2:00 PM  **GOODS MOVEMENT PANEL**

Regional Goods Movement: Three Bold Solutions for the Corridor

Sponsored by Deloitte

Daniel Rowe, Practice Leader for Monitor, Deloitte Canada
(Moderator)

Andrew Fuller, AVP Marketing and Sales, CN Rail

Ian Hamilton, President & CEO, Hamilton Port Authority

Shawn McMahon, President, Day & Ross Dedicated Logistics

Eileen Waechter, Director, Airport Planning, GTAA

3:00 PM **CONCURRENT BREAKOUTS**

Facilitated Discussions on Select Solutions

 **Solution 1: Promoting the Growth of Canada's Transportation Mega Hub**

 **Solution 2: Unblocking the 401 Bottleneck**

 **Solution 3: Expanding Off-Peak Deliveries**

4:00 PM  **KEY ACTIONS & NEXT STEPS**

4:15 PM  **RECEPTION**
Sponsored by BlackBerry

SPONSOR MESSAGE



GOWLING WLG

Gowling WLG is deeply invested in the promise that the Innovation Corridor holds for Canada's advanced manufacturing and technology sectors. As the only international law firm with a major presence in the region, with full-service offices in Hamilton, Waterloo Region and Toronto, we not only recognize the vast potential of Canada's Innovation Corridor for these industries, we experience it first-hand on a regular basis.

Every day, our professionals make introductions and create links in this dynamic and fast-growing market — between banks, global investors, entrepreneurs and emerging startups, private equity, established companies, government agencies and other stakeholders — to support and unlock the considerable economic power of the region.

With industry-leading experience in matters ranging from corporate finance and intellectual property, to real estate, immigration, tax and fintech, just to name a few, we continue to help leaders in the advanced manufacturing and tech space implement sophisticated strategies to expand their business interests at home and abroad.

What's more, we've been able to leverage our international platform to connect the Innovation Corridor to a robust global network of innovators, investors and legal talent. With 18 offices in nine countries, as well as numerous dedicated country desks and referral relationships, we've already made meaningful strides on this front, attracting interested investors from as far away as Colombia and Turkey.

In that same spirit, over the last several years we're proud to have forged a number of trusted relationships and alliances with key regional drivers of research, technology commercialization and economic investment — all with a view to ensuring the Innovation Corridor has the tools, resources and know-how required to compete in the global marketplace.

As Southern Ontario continues to transform itself into a global innovation hub, Canada's Innovation Corridor Summit will serve as a vital and timely forum for the exchange of ideas, strategies and perspectives. Gowling WLG is honoured to be the presenting sponsor of this event for the next three years and looks forward to the exciting collaborations and new opportunities that it will produce.

MOVING INNOVATION FORWARD.

As the only international law firm with full-service offices in Toronto, Hamilton and Waterloo Region, Gowling WLG is committed to helping trailblazing creators, investors and business leaders unlock the vast economic potential of the Innovation Corridor.

That's why we're honoured to be the presenting sponsor of Canada's Innovation Corridor Summit. It's a unique opportunity to connect, collaborate and come together — all in the name of regional prosperity and global competitiveness.

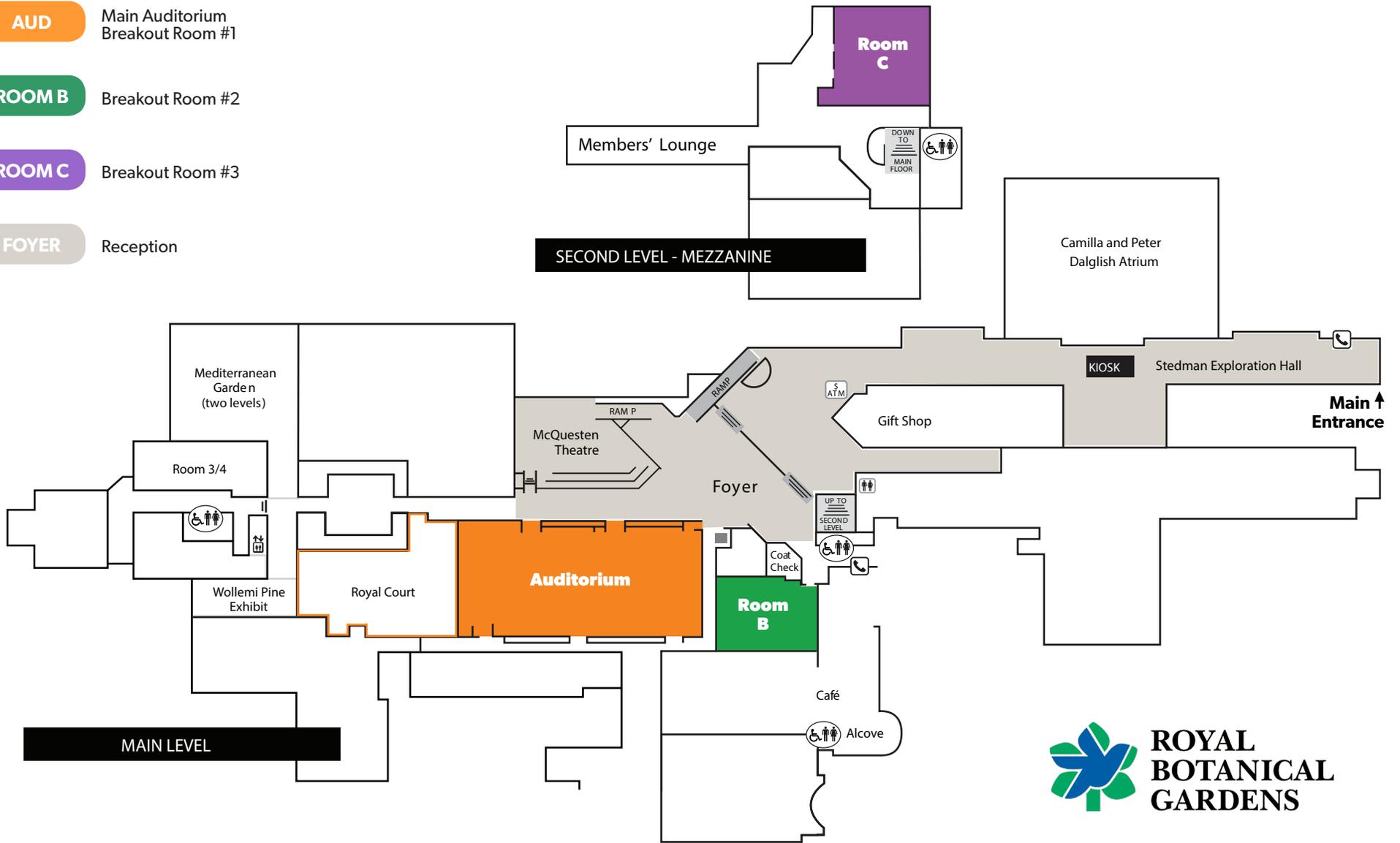
With more than 1,400 legal professionals in 18 cities worldwide, Gowling WLG provides clients with in-depth expertise in key global sectors and a suite of legal services at home and abroad. Learn more at gowlingwlg.com



Gowling WLG (Canada) LLP is a member of Gowling WLG, an international law firm which consists of independent and autonomous entities providing services around the world. Our structure is explained in more detail at www.gowlingwlg.com/legal

EVENT MAP

- AUD Main Auditorium
Breakout Room #1
- ROOM B Breakout Room #2
- ROOM C Breakout Room #3
- FOYER Reception



MUNICIPAL MESSAGES



CORRIDOR MAYORS PANEL



Future prosperity depends on the way we innovate and collaborate today. The advanced manufacturing supercluster initiative will build on existing manufacturing and technology depth in our region. As the second-largest tech cluster in the world, next to Silicon Valley – with 52,100 software developers and programmers, 83,600 computer, support database and systems workers, 26,000 computer and information systems managers, 50,800 technology engineering related workers – this plan will ensure that our existing advanced manufacturing sector thrives, grows and attains even higher levels of excellence.

Today's Innovation Corridor Summit further enhances our regional connectivity and collaboration. I am confident that our efforts will put us at the forefront for advanced manufacturing globally. I wish everyone an interesting and productive summit.

~ **Fred Eisenberger, Mayor, City of Hamilton**



Welcome to the City of Burlington. We are pleased to co-host the Inaugural Canada's Innovation Corridor Summit.

The City of Burlington is honoured to be a part of a powerhouse of leaders that collectively brings forth knowledge, opportunity, and innovation for shared growth and prosperity. Our journey together will no doubt contribute to new partnerships and businesses that will amplify local and regional economic success.

I want to thank and applaud Canada's Innovation Corridor Business Council for its vision and leadership that will strengthen our global competitiveness. I look forward to all that we can achieve together.

~ **Rick Goldring, Mayor, City of Burlington**



I am pleased to welcome business leaders, elected officials, and municipal and chamber of commerce employees from across Southern Ontario, as we come together to discuss our regional connectivity and collaboration. As a group, we will touch on the strengths that we offer in terms of Advanced Manufacturing, Workforce Development and Goods Movement.

Strong foundations have been laid for the Innovation Corridor. As we move forward and work together to ensure its ongoing growth and success, it's not just about ensuring the success of the communities on the ends of the corridor, but for everyone in between as well. This inaugural summit continues the dialogue so critical in helping ensure that happens.

Best wishes for a memorable and informative summit.

~ **Berry Vrbanovic, Mayor, City of Kitchener**



Brampton is excited to be part of Canada's Innovation Corridor Summit. Now more than ever, it's critical to build partnerships to connect our cities and our businesses together and to the world.

Brampton has unique partners. Ryerson University and Sheridan College are Summit sponsors, and important partners on an upcoming tech-focused campus in downtown Brampton. We're building new partnerships with these city-building institutions, our Board of Trade and business to foster innovation and growth in the disruptive industries of the future.

Brampton has a legacy of profitable partnerships, and we're ready for more.

~ **Linda Jeffrey, Mayor, City of Brampton**

SPONSOR MESSAGE

MOHAWK COLLEGE

Education is key to creating and adapting to coming changes in technology.

Advanced Manufacturing is fundamentally changing how companies operate and maintain competitiveness, resulting in an urgent need for organizations to improve productivity by at least 3% per year. With the use of Advanced Manufacturing and through the application of new and emerging technologies, the improvement in productivity will be much greater. Data analytics is fast becoming a new business tool to drive decisions for purchasing of new equipment, modernizing of manufacturing processes, informing transportation and logistics, and creating productivity improvements of critical equipment.

Robotics, process automation and data analytics is also playing an increasing role in many manufacturing processes to reduce time, improve quality and lower costs.

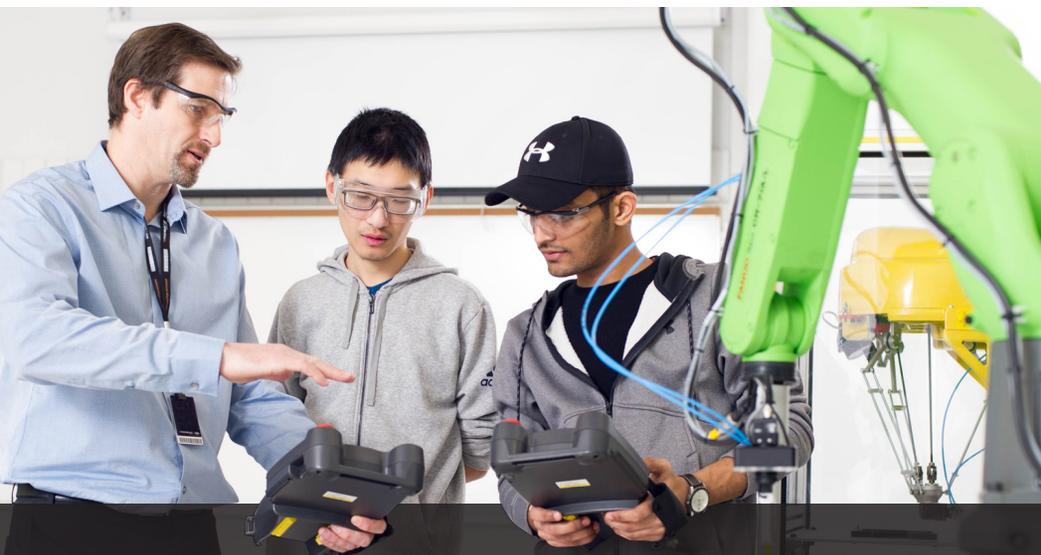
Businesses need to be at the forefront of innovation for future competitiveness and education is key to creating and adapting to the coming changes, we can, and are, preparing students to meet the requirements of tomorrow's businesses in technology.

Disruption, innovation and the technologies facilitating new ways of working have eliminated silos and today's students are working in collaborative and mutually supportive environments with industry from the moment they step on campus.

Mohawk College has introduced new programs and curriculum to support Advanced Manufacturing. Set to open this fall, The Joyce Centre for Partnership & Innovation will have multi-disciplinary training labs that will focus on the development of sensors and technology for the "Industrial Internet of Things" including big data analytics, sensor data and device evaluation.

Students will use the labs to support applied research projects, industry problem solving and prototyping of new equipment to assist industry with technology improvements.

There will be a wealth of new jobs created by Advanced Manufacturing and Mohawk College continues to develop new programs to prepare our students in all engineering disciplines, information technology, cyber security and skilled trades.



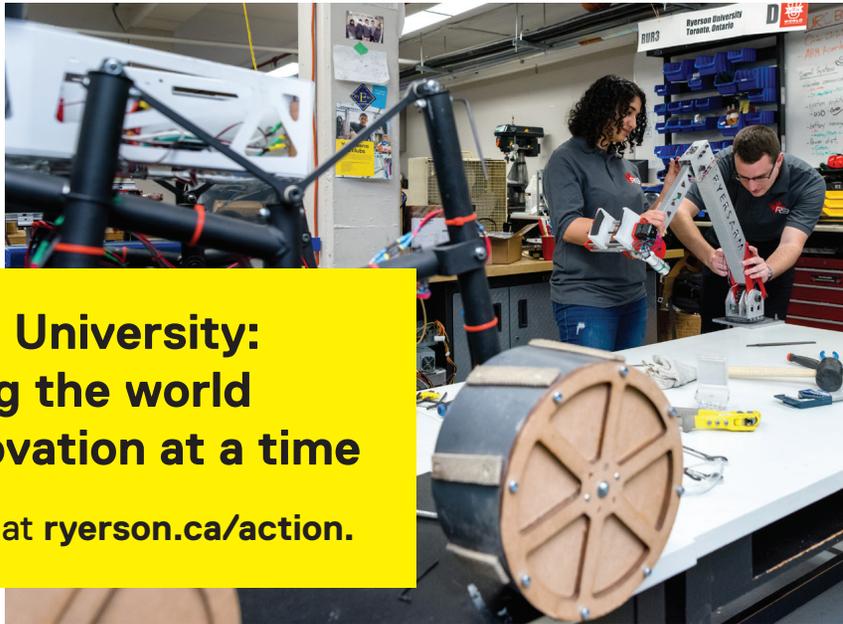
Mohawk College supports and helps productivity improvement for advanced manufacturers and workforce development.

SPONSOR MESSAGE

RYERSON UNIVERSITY

Preparing Young Talent: An Innovation Mindset

Our competitiveness – as organizations, as a region, as a country – depends on a workforce that is highly skilled, innovative, and entrepreneurial. At Ryerson University, we believe strategic partnerships are one of the best ways to ensure that our graduates are all of that and more.



**Ryerson University:
changing the world
one innovation at a time**

Learn more at ryerson.ca/action.

Our unique approach to experiential learning – or learning by doing – is fuelled by curricula and teaching that are as innovative as the young talent Ryerson produces.

Zone learning is our best-known example. At the DMZ – our first zone and the top university-based incubator in the world – students learn how to be entrepreneurs. To date, the DMZ has incubated over 325 start-ups, raised over \$474 million, and fostered over 3,200 jobs.

Ryerson is also working with employers across the GTA in innovative ways. Engineering and medical physics students are working to develop medical technologies with the Institute for Biomedical Engineering, Science & Technology (iBest) or the Biomedical Zone – both joint ventures with St. Michael’s Hospital.

The City of Toronto partnered with Ryerson to create ShapeLab where students, faculty, and municipal staff co-create innovative solutions to the most pressing urban issues while inspiring the next generation of city builders.

Most recently, Ryerson announced a new campus in Brampton featuring an Innovation Hub connecting students with external organizations in the region to participate in ideation sessions, and take courses in entrepreneurship transforming them into highly skilled, innovative and entrepreneurial graduates.

To learn more about Ryerson’s innovation agenda and how you can get involved as a partner, please visit ryerson.ca/action

*Dr. Mohamed Lachemi
President and Vice-Chancellor
Ryerson University*



Innovate with intention

The **Best** companies don't stop at one great idea. Innovation is part of their DNA.

Deloitte is a proud sponsor of Canada's Innovation Corridor Summit.

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RECEPTION



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