UNIVATION

HOW UNIVERSITIES ARE INNOVATING TO PREPARE STUDENTS FOR A DISRUPTED WORLD

February 5-6, 2018
National Arts Centre, O’Born Room
Ottawa, Ontario
### Monday, February 5

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:30 – 12:00 PM</td>
<td>Registration</td>
</tr>
<tr>
<td>12:00 – 12:45 PM</td>
<td>Lunch</td>
</tr>
<tr>
<td>12:45 – 1:00 PM</td>
<td>Opening remarks</td>
</tr>
<tr>
<td>1:00 – 2:00 PM</td>
<td><strong>Keynote – Sethuraman “Panch” Panchanathan</strong></td>
</tr>
<tr>
<td></td>
<td>Executive vice-president, knowledge enterprise development, and chief research and innovation officer, Arizona State University</td>
</tr>
<tr>
<td></td>
<td>Q&amp;A to follow.</td>
</tr>
<tr>
<td>2:15 – 3:30 PM</td>
<td><strong>Session 1 – Innovations in teaching and learning</strong></td>
</tr>
<tr>
<td></td>
<td>This armchair discussion will explore what innovations in teaching and learning will be needed to prepare graduates to thrive in a disrupted global knowledge economy.</td>
</tr>
<tr>
<td></td>
<td>Q&amp;A to follow.</td>
</tr>
<tr>
<td>3:45 – 5:00 PM</td>
<td><strong>Session 2 – Innovations to improve student access and success</strong></td>
</tr>
<tr>
<td></td>
<td>This panel discussion will advance the conversation on how to make university education more accessible to all and build pathways to success.</td>
</tr>
<tr>
<td></td>
<td>Q&amp;A to follow.</td>
</tr>
<tr>
<td>6:30 – 9:00 PM</td>
<td><strong>Evening reception and dinner</strong></td>
</tr>
<tr>
<td></td>
<td>Location: TwentyTwo at the Westin Ottawa, 11 Colonel By Drive</td>
</tr>
<tr>
<td></td>
<td>Keynote – Sean Mullin, executive director, Brookfield Institute for Innovation + Entrepreneurship</td>
</tr>
</tbody>
</table>

### Tuesday, February 6

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 – 8:45 AM</td>
<td>Networking breakfast</td>
</tr>
<tr>
<td>8:45 – 8:55 AM</td>
<td>Welcome remarks</td>
</tr>
<tr>
<td>8:55 – 10:15 AM</td>
<td><strong>Session 3 – Innovations in experiential learning</strong></td>
</tr>
<tr>
<td></td>
<td>This TED-talk style session will explore innovations in experiential learning across disciplines with a focus on identifying opportunities for replication and scaling.</td>
</tr>
<tr>
<td></td>
<td>Q&amp;A to follow.</td>
</tr>
<tr>
<td>10:35 – 12:00 PM</td>
<td><strong>Session 4 – Innovations in entrepreneurial education</strong></td>
</tr>
<tr>
<td></td>
<td>This “world-café” session will explore how universities are transforming education to mobilize the next generation of entrepreneurs with 21st century skills.</td>
</tr>
<tr>
<td>12:00 – 1:30 PM</td>
<td><strong>Luncheon discussion – Innovating the student experience</strong></td>
</tr>
<tr>
<td></td>
<td>Informal small-table dialogue on innovating the student experience.</td>
</tr>
<tr>
<td>1:30 – 3:00 PM</td>
<td><strong>Session 5 – Unleashing innovations: a shared agenda</strong></td>
</tr>
<tr>
<td></td>
<td>This interactive session will focus on university-industry-civil society collaborations preparing Canadians with skills for the future – including innovative and scalable practices producing promising results.</td>
</tr>
<tr>
<td>3:00 – 3:30 PM</td>
<td><strong>Session 6 – The next chapter</strong></td>
</tr>
<tr>
<td></td>
<td>Students will reflect on how universities, employers and civil society can help prepare our future leaders and innovators for the next 50 years.</td>
</tr>
</tbody>
</table>
How do we “future proof” university students?

The world is experiencing a period of unprecedented change, which offers many opportunities but also brings volatility and uncertainty. Canada must be prepared to navigate this change, and universities are well-positioned to lead the way.

The national Univation forum brings together university, public service, business and civil society leaders – as well as students and young entrepreneurs – to explore challenges and opportunities in preparing Canada’s next generation of leaders and innovators for the future.

Hosted by Universities Canada and the Rideau Hall Foundation, Univation showcases how Canada’s universities and their partners are innovating in teaching, learning and discovery to equip graduates for success in a rapidly changing global knowledge economy.

This interactive event will advance the conversation on how universities, civil society and private-sector partners can work together to unleash the creativity and innovation Canada needs to meet its future skills, innovation and workforce needs.

Univation is part of a new series of national summits that Rideau Hall Foundation is supporting to promote a culture of innovation in Canada.
Downtown Ottawa

Fairmont Château Laurier
1 Rideau Street

National Arts Centre
1 Elgin Street

The Westin Ottawa Hotel
Rideau Centre,
11 Colonel By Drive

univcan.ca
It is my great pleasure to welcome you to the *Univation* forum.

As Governor General of Canada for seven years, I had the privilege to meet many inspiring Canadians who are making an impact both at home and around the world. It is clear to me that we are in a global period of change in which innovation is our new imperative. So, how do we meet this imperative? By creating a culture of innovation in which people and companies see creativity and entrepreneurship as part of who we are as Canadians.

Canada has a great history of innovation and we are now honouring our finest examples of innovators through celebrations such as the Governor General’s Innovation Awards. The hope is that these celebrations will bring greater public awareness to past and present innovators and inspire young people to become Canada’s future innovators.

We also have a diverse collection of colleges, polytechnics and universities that many countries look to emulate. Many of these institutions are already innovating in teaching, programming, inclusivity and research, but this should not give us reason for complacency. We must constantly look to innovate within our higher education system so that we arm young people with the ability and expectation to achieve excellence and to help Canada lead on the world stage.

So often, innovation results from collaboration. That is why we have partnered with our friends at Universities Canada to convene this diverse group of university, public service, business and student leaders. Only together, will we be well-positioned to seize the opportunity before us.

Thank you for taking the time to be part of this important discussion.

**The Right Honourable David Johnston**  
*28th Governor General of Canada*  
*Chair, Rideau Hall Foundation*
How can we prepare students for the future while building an innovative, prosperous and inclusive country for 2067 – Canada’s bicentennial?

Canada has all the right ingredients to be an international leader in inclusive innovation. Achieving our country’s potential over the next 50 years requires the active engagement of all members of our community – especially the ideas, energy and talent of our youth.

This national forum provides a platform for cross-sectoral dialogue among university, public service, business and civil society leaders, students and young entrepreneurs to explore the challenges and opportunities around preparing Canada’s young people for the future.

As a Univation participant, we invite you to contribute to the conversation. How can these partners do even more to unleash the potential of our next generation of leaders, innovators and entrepreneurs?

Together, we can share promising practices that can be scaled up and pursue new ideas.

We hope you’re as excited as we are to explore the possibilities.

Welcome to Univation.

Mike Mahon
Chair, Board of Directors, Universities Canada
President, University of Lethbridge
General information

Here is some information to help you make the most of your Univation experience.

Registration/information: The registration and information desk is located on the second floor of the National Arts Centre outside of the O’Born Room.

The luncheon keynote and sessions will be livestreamed on our Facebook page (facebook.com/UnivCanada) and archived on our website (univcan.ca/Univation).

Join the conversation using the hashtag #Univation.

@univcan
@RideauHallFdn
facebook.com/UnivCanada
@univcanada

Slido
Ask and vote on questions using your smartphone.

There are many ways to be part of the conversation at Univation. In sessions 1 to 3, we will be using Slido, an interactive platform for audience questions and voting.

Follow these simple steps to get ready:

1) On your smartphone, connect to our free Wi-Fi network (see details on left).

2) Go to slido.com.

3) Enter the event code #1710.

You can now use Slido to ask questions and vote on poll questions – the results of which will be displayed in real time.

For full biographies of speakers, visit univcan.ca/univation.

Wi-Fi

• Connect to the network “NAC WIFI.”
• Once connected, open your web browser.
Monday, February 5

**Registration**
11:30 AM – 12:00 PM
Outside the O’Born Room (2nd floor)
National Arts Centre

**Lunch**
12:00 – 12:45 PM

**Welcome**
12:45 – 1:00 PM
O’Born Room

Scott Haldane  
*President*  
Rideau Hall Foundation  
@RideauHallFdn

Paul Davidson  
*President*  
Universities Canada  
@PaulHDavidson
Universities of the future
How can universities innovate to prepare students for a disrupted future?
Sethuraman “Panch” Panchanathan will explore the economic and social challenges created by global competition, changing demographics and technological disruption.
Q&A to follow.

Sethuraman “Panch” Panchanathan leads knowledge enterprise development at Arizona State University (ASU), advancing research, innovation, strategic partnerships, entrepreneurship, global and economic development.

Panch was founding director of the School of Computing and Informatics and was instrumental in founding ASU’s biomedical informatics department. He chaired the computer science and engineering department and founded ASU’s Center for Cognitive Ubiquitous Computing.

In 2014, President Barack Obama appointed Panch to the U.S. National Science Board where he was named chair of the Committee on Strategy. He was also appointed by former U.S. Secretary of Commerce Penny Pritzker to the National Advisory Council on Innovation and Entrepreneurship.

Panch was founding director of the Visual Computing and Communications Laboratory at the University of Ottawa from 1990-97.
Monday, February 5

Session 1 – Innovations in teaching and learning
2:15 – 3:30 PM

How can innovative approaches, risks and experimentation in teaching be part of the university of the future? This armchair discussion will explore what innovations in teaching and learning are needed to equip graduates for success in a changing, disrupted global knowledge economy. Q&A to follow using Slido.

Paulina Cameron
Director (BC & Yukon)
Futurpreneur Canada
@paulinaacameron

Sheldon Levy
CEO
Next Canada
@Next_Canada

Mark Beckles
Senior director, youth strategy & innovation
RBC
@Markbeckles

Kevin Kee
Dean of the faculty of arts
University of Ottawa
@uOArtsDean

Jennifer Ditchburn
Editor in chief
Policy Options
@jenditchburn

Wendy Therrien
Director, research and policy
Universities Canada
@univcan

Moderator

For full biographies of speakers, visit univcan.ca/Univation.

Networking Break 3:30 – 3:45 PM
Monday, February 5

Session 2 – Innovations to improve student access and success
3:45 – 5:00 PM

This session will explore innovative solutions making university education more accessible to all – including traditionally underrepresented groups – building pathways to success and opportunities to scale initiatives.

Q&A to follow using Slido.

Jennifer Flanagan  
CEO  
Actua  
@ActuaCEO

Maayan Ziv  
Founder and CEO  
AccessNow  
@maayanziv

Ralph Nilson  
President  
Vancouver Island University  
@VIUniversity

Deborah MacLatchy  
President  
Wilfrid Laurier University  
@PresMacLatchy

Philip Landon  
Vice-president, governance and programs  
Universities Canada  
@PLandon

For full biographies of speakers, visit univcan.ca/Univation.
Monday, February 5

**Evening reception, dinner and keynote**  
6:30 – 9:00 PM

**TwentyTwo at the Westin Ottawa**  
11 Colonel By Drive

---

**So you want to be future-proof?**

Nearly 42 percent of the Canadian labour force is at a high risk of being affected by automation in the next decade or two. How can we prepare ourselves and the next generation? What are tomorrow’s must-have job skills?

---

**Speaker**

Sean Mullin  
*Executive director*  
Brookfield Institute for Innovation + Entrepreneurship  
@MullinSean

Sean Mullin is an economist, public policy expert, leader and thinker. In 2015, he joined the Brookfield Institute for Innovation + Entrepreneurship (BII+E) as its founding executive director, providing strategic direction and leading overall day-to-day activities. For more than a decade, he has championed and shaped important public policy decisions with a focus on economic issues. Through this experience, he has become increasingly convinced of the importance of fostering innovation and entrepreneurship as conduits for economic growth and prosperity.

For more than six years, Mullin served in senior advisory roles for the Premier of Ontario and Ontario’s Minister of Finance, where he coordinated the development of the annual budget for the Province of Ontario. He also worked as a consultant, providing expertise and advice on business strategy and management to clients in the technology, non-profit and public sectors.

Mullin has a degree in economics and computer science from the University of Toronto, an MA in economics from McGill and an MBA from the University of Oxford.
Tuesday, February 6

Networking breakfast
8:00 – 8:45 AM
O’Born Room

Session 3 – Innovations in experiential learning  8:55 – 10:15 AM
This TED-talk style session will explore innovations taking place in experiential learning across disciplines. Q&A to follow using Slido.

Anna Moro
Associate dean of humanities
McMaster University
@McMasterU

Andrea Ross
Senior lead of computing education
Shopify
@Shopify

Margaret Biggs
Matthews Fellow on Global Public Policy
Queen’s University
@queensu

Paul Salvini
CEO of Accelerator Centre, associate vice-president, research commercialization
University of Waterloo
@PaulSalvini

Moderator
Alan Shepard
President
Concordia University
@Concordia

Wrap Up
Valerie Walker
Vice-president, talent and skills
Business Council of Canada
@BizCouncilofCan
Session 4 – Innovations in entrepreneurial education

10:35 – 12:00 PM  O’Born Room

This “world-café” session will explore how universities are transforming education to equip a new generation of entrepreneurs with skills for the 21st century. Participants will have the opportunity to hear and share ideas on innovative entrepreneurial education and discuss opportunities for scaling.

David Coleman
Professor, technology management and entrepreneurship
University of New Brunswick
@UNBTME

Mary Kilfoil
Director, Norman Newman Centre
Dalhousie University
@Mary_Kilfoil

Julia Christensen Hughes
Dean of the college of business and economics
University of Guelph
@DeanUoGBusiness

Sarah Lubik
Director of entrepreneurship
Simon Fraser University
@SarahLubik

Brent Mainprize
Program director of the Aboriginal Canadian Entrepreneur program
University of Victoria
@BrentMainprize

Moderator

John Baker
President and CEO
D2L
@JohnBakerD2L

For full biographies of speakers, visit univcan.ca/Univation.
Tuesday, February 6

Luncheon discussion: Innovating the student experience
12:00 – 1:30 PM

Informal, small-table dialogues on innovating the student experience.

Introductory remarks by

Vianne Timmons
President
University of Regina
@vianne_timmons
Session 5 – Unleashing innovations: a shared agenda
1:30 – 3:00 PM

How can universities, industry and civil society leaders work together to build a resilient workforce and mobilize entrepreneurs geared for the future?

This interactive session will focus on cross-sector collaboration to equip Canadians with skills for the future. Participants will have an opportunity to build on earlier discussions and work together to develop ideas for scaling promising innovations.

Post-event, Brookfield Institute will work with Universities Canada to produce a report documenting promising practices, barriers to success and opportunities for further development, which will be shared with all participants.

Moderator
Jesse Darling
Senior projects designer
Brookfield Institute for Innovation + Entrepreneurship
@jessedarling_

Facilitators
Lisa Watson
Co-founder
Openly
@LisaWatsonCo

Jon Medow
Research fellow
Brookfield Institute for Innovation + Entrepreneurship
@JonMedow
Tuesday, February 6,

Session 6 – The next chapter
3:00 – 3:30 PM

Students will provide their perspectives on how universities, employers and civil society can help prepare our future leaders and innovators.

Moderator

Patrick Deane
President
McMaster University
@McMasterU

Wrap-up

Pari Johnston
Vice-president, policy and public affairs
Universities Canada
@JohnstonPari
Universities Canada is the voice of Canadian universities, at home and abroad.

We are a membership organization providing university presidents with a unified voice for higher education, research and innovation. Universities Canada advances the mission of our 96 member institutions to transform lives, strengthen communities and find solutions to the most pressing challenges facing our world.

**Member Institutions**

**Alberta**
- Athabasca University
- Concordia University of Edmonton
- MacEwan University
- Mount Royal University
- The King’s University
- University of Alberta
- University of Calgary
- University of Lethbridge

**British Columbia**
- Emily Carr University of Art + Design
- Kwantlen Polytechnic University
- Royal Roads University
- Simon Fraser University
- The University of British Columbia
- Thompson Rivers University
- Trinity Western University
- University of Northern British Columbia
- University of the Fraser Valley
- University of Victoria
- Vancouver Island University

**Manitoba**
- Brandon University
- Canadian Mennonite University
- St. Paul's College
- The University of Winnipeg
- Université de Saint-Boniface
- University of Manitoba

**New Brunswick**
- Mount Allison University
- St. Thomas University
- Université de Moncton
- University of New Brunswick

**Newfoundland & Labrador**
- Memorial University of Newfoundland

**Nova Scotia**
- Acadia University
- Cape Breton University
- Dalhousie University
- Mount Saint Vincent University
- NSCAD University
- Saint Mary’s University
- St. Francis Xavier University
- Université Sainte-Anne
- University of King’s College

**Ontario**
- Algoma University
- Brescia University College
- Brock University
- Carleton University
- Huron University College
- King’s University College at Western University
- Lakehead University
- Laurentian University of Sudbury
- McMaster University
- Nipissing University
- OCAD University
- Queen’s University
- Redeemer University College
- Royal Military College of Canada
- Ryerson University
- Saint Paul University
- St. Jerome’s University
- Trent University
- University of Guelph
- University of Ontario Institute of Technology
- University of Ottawa
- University of St. Michael’s College
- University of Sudbury
- University of Toronto
- University of Trinity College

**Québec**
- Bishop’s University
- Concordia University
- École de technologie supérieure
- École nationale d’administration publique
- HEC Montréal
- Institut national de la recherche scientifique
- McGill University
- Polytechnique Montréal
- TÉLUQ
- Université de Montréal
- Université de Sherbrooke
- Université du Québec
- Université du Québec à Chicoutimi
- Université du Québec à Montréal
- Université du Québec à Rimouski
- Université du Québec à Trois-Rivières
- Université du Québec en Abitibi-Témiscamingue
- Université du Québec en Outaouais
- Université Laval

**Prince Edward Island**
- University of Prince Edward Island

**Saskatchewan**
- Campion College
- First Nations University of Canada
- Luther College
- St. Thomas More College
- University of Regina
- University of Saskatchewan
The Rideau Hall Foundation (RHF) was established to amplify and extend the reach of the Office of the Governor General in its goals to connect, honour and inspire Canadians. Signature programs fall within four programmatic areas: learning, leadership, innovation, and giving. The RHF works with partners on initiatives that strengthen our national identity, build capacity and promote the advancement of a smart and caring nation.

A central part of the RHF’s activities is working with partners to establish a more deeply engrained culture of innovation in Canada and to continue to raise the profile of outstanding Canadian innovators while providing them with a unique platform for connecting, celebrating and cultivating innovation in Canada.

To learn more about the RHF, visit www.rhf-frh.ca. You can also find more information about the culture of innovation activities of the RHF and its partners at www.innovationculture.ca.