DiscoverY™
Ontario Centres of Excellence 12
May 14-15, 2012
Metro Toronto Convention Centre
South Building

Awarded Canada’s Best Trade Show 2010 & 2011
Monday May 14

8:00 AM | **REGISTRATION DESK OPENS**

1:30PM – 2:00PM | **OPENING REMARKS** | HALL F

- **Sean Conway**, Chair of the Board, Ontario Centres of Excellence and Public Policy Advisor, Gowling Lafleur Henderson LLP
- **Dr. Tom Corr**, President and Chief Executive Officer, Ontario Centres of Excellence
- **Patrick K. Horgan**, Vice President, Manufacturing, Development and Operations, IBM Canada

2:00PM – 3:30PM | **THE SECRETS OF BUSINESS SUCCESS – CEO EXPERTS PANEL** | HALL F

Join an esteemed panel of new and seasoned CEOs from some of Ontario’s most successful companies. Hear first-hand about the strategies they took, gain valuable insight on what they did to make their businesses a success and listen to their unique perspectives on what they learned along the way.

**MODERATOR:**
- **Ian Portsmouth**, Publisher and Editor, PROFIT

**PANELLISTS:**
- **Sir Terry Matthews**, Founder and Chairman, Wesley Clover
- **Kunal Gupta**, CEO, Polar Mobile
- **Albert Lai**, Co-Founder & CEO, Big Viking Games, Co-Founder, Kontagent

3:30PM | **DISCOVERY INNOVATION SHOWCASE FLOOR OPENS**

Explore over 200,000 sq. feet of new ideas, innovations and solutions in CleanTech, Advanced Health Technologies, Digital, Information and Communications Technologies, Advanced Manufacturing and more, that are shaping the future of Ontario.
4:00PM – 6:30PM | THE WORLD’S LARGEST BUSINESS MENTORING EVENT FOR ENTREPRENEURS AND INNOVATORS | OMERS THEATRE

The Innovation Economy recognizes mentorship as a key pillar for success and Discovery is taking its mentoring event to a whole new level in 2012. With the goal of achieving World Record Status, this year brings together the brightest minds in the innovation community to provide support and advice for Ontario’s budding entrepreneurs in a timed event. Participants will work with a mentor one-on-one for 20 rounds of 3-minute sessions.

ADJUDICATOR:
• Philip Robertson, Guinness World Records

MODERATOR:
• Donna Messer, Owner, ConnectUs Canada

SPECIAL GUEST:
• The Honourable Brad Duguid, Minister of Economic Development and Innovation

4:15PM – 6:15PM | MEET THE NEXT GENERATION OF SOCIAL ENTREPRENEURS – SOCIAL ENTERPRISE STUDENT COMPETITION | GOWLINGS THEATRE

NEW to Discovery 12! Watch as ten student Social Enterprise competition finalists pitch their new product, service or business model to a panel of esteemed judges. The stakes will be high with the first-prize winner receiving $25,000 to develop their new social enterprise. The second place winner will receive $10,000 and third place will receive $5,000 to develop their new social enterprise.

MODERATOR:
• James Temple, Director, Corporate Responsibility & Leader, PricewaterhouseCoopers Canada Foundation

JUDGES:
• Allyson Hewitt, Director, Social Entrepreneurship, SIG@MaRS
• Sarah Katyal, Former President, Impact
• Magnus Sandberg, VP & General Manager, Social Capital Partners
• Ray Brooks, Social Impact Angel Investor
• Lucille Joseph, Interim CEO, Pecaut Centre for Social Impact
• Sandra Odendahl, Director, Corporate Environmental Affairs, RBC
The Connections program brings together Ontario’s top final-year college and university undergraduate students and innovative Ontario companies to give students the opportunity to apply technical and professional skills to real-world problems. The program helps students grow as innovators and leaders in business through hands-on learning experiences by working directly with industry experts. This year’s program finalists will present their projects to a panel of judges with the goal of winning one of three $2,000 cash prizes as the best university, college or Ontario Power Authority (OPA) energy conservation projects.

MODERATOR:

• Roxy Hamilton, Program Manager, Talent, Ontario Centres of Excellence

JUDGES:

• Dr. Molly Shoichet, Canada Research Chair in Tissue Engineering and Professor of Chemical Engineering & Applied Chemistry, Chemistry and Biomaterials & Biomedical Engineering, University of Toronto
• Jenni Myllynen, Manager - Funds, Market Transformation, Conservation Division, Ontario Power Authority
• Lucy Keating, Co-Founder and Partner, Commexus Inc.
• William McClean, Corporate Director
• Brian Armstrong, Executive Vice President and General Counsel, Bruce Power

As the new forest economy unfolds, the traditional reliance on wood fibre for lumber by the pulp and paper industry is evolving into new high-value opportunities. Bioenergy, bio-products and selective high-value species selection based on growth and yield rates, combined with intelligent decision management tools, are resulting in new forest product sectors. This session will examine some of these new opportunities.

MODERATOR:

• Dianne Miller, General Manager, Forest Ecosystem Science Co-operative Inc.
PANELLISTS:

- **Andrew Pollard**, Professor, Queen’s University
- **Dr. Naresh V Thevathasan**, Manager, Agroforestry Research and Development, School of Environmental Science, University of Guelph
- **Murray Woods**, Senior Analyst- Forested Landscapes, OMNR

4:30PM | **WHY RESEARCH MATTERS EVENT – HOSTED BY THE COUNCIL OF ONTARIO UNIVERSITIES** | DISCOVERY SHOW FLOOR, BOOTHs 211, 213, 310, 312

At universities across Ontario, in laboratories, libraries, offices and archives, thousands of talented researchers are quietly changing the world. Or maybe not so quietly. Attend the launch of a major new initiative designed to build bridges between Ontario university research and everyday life. This is a chance to experience university research in an entirely new way.

4:45PM – 6:15PM | **NEUROSCIENCE: CHALLENGES AND OPPORTUNITIES IN COMMERCIALIZATION OF RESEARCH** | BRUCE POWER THEATRE

Canada has world class neuroscience talent and Ontario’s capabilities in neurotechnology leads within Canada. Recent establishment of the Ontario Brain Institute will pave the way for international collaboration on the frontiers of neuroscience with a focus on applications such as chronic pain, Alzheimer’s disease, stroke, Parkinson’s disease and preventative medicine for cognitive health/dementia. However many technologies face regulatory and financial barriers on the road to market. The panel will shed light on how to overcome these barriers and how we can adopt best practices from other nations through collaboration.

MODERATOR:

- **Dr. Donald Stuss**, Interim President and Scientific Director of Ontario Brain Institute

PANELLISTS:

- **Kelly Holman**, Co-Founder and Managing Director, Genesys Capital
- **Dr. Michael Fehlings**, Senior Scientist, Division of Genetics & Development, Toronto Western Research Institute (TWRI)
- **Dr. Max Cynader**, Director, Brain Research Centre, University of British Columbia
- **Todd Vienneau**, Director, Business Development – New Growth Opportunities, GlaxoSmithKline Canada
Monday May 14

I DISCOVERY INNOVATION THEATRE

The main drivers of the innovative economy in the early 21st Century are nanotechnologies, biotechnologies and geotechnologies. The new economy related to geotechnologies can be stated as the Geo-Economy, driven by and dependent on geographic information. Prosperity in the Geo-Economy will involve the democratization of data and the changing of business models of how access to data is managed today compared to ten to fifteen years ago. The Geo-Economy requires the identification of markets driven by place and time or why where matters when. This session will discuss connecting the dots across various disciplines and applications as the path to prosperity in the Geo-Economy.

MODERATOR:
• Ron Freedman, CEO, Innovation Atlas Inc.

PANELLISTS:
• Dr. Bob Ryerson, CEO, KIM Geomatics Corporation
• Dr. Ben Miners, Senior Director, Emerging Technologies, IMS
• Richard Wunderlich, VP, Energy & Utilities, Siemens

5:30PM – 6:30PM | BUILDING SMART, CONNECTED COMMUNITIES FROM THE GROUND UP | ENBRIDGE THEATRE

The sustainable use and management of land is a challenge facing many communities today. The fixed capacity of landfills, scarcity of land for development, and the growing requirements for infrastructure and transportation projects – all have rendered soil a critical natural resource to be managed efficiently and effectively. This session will explore the sustainable beneficial re-use of soil and highlight the strategic importance of using innovative solutions and approaches to remediate, redevelop and revitalize lands to provide lasting benefit to future generations while protecting the environment.

MODERATOR:
• Alan Durand, Chair, Technical Advisory Committee, Canadian Brownfields Network
PANELISTS:

- **Dr. Jason Gerhard**, Canada Research Chair in Geo-environmental Restoration Engineering, University of Western Ontario
- **David Harper**, Managing Partner, Kilmer Brownfield Equity Fund
- **Andy Manahan**, Executive Director, Residential & Civil Construction Alliance of Ontario
- **Jeanette Southwood**, Global & Canadian Sustainable Cities Leader / Principal, Golder Associates

6:30PM – 7:30PM | OPENING NIGHT NETWORKING RECEPTION | HALL G

Please join us on the Discovery showcase floor for the evening networking reception
Government at all levels is open for business and a potential customer for Ontario’s innovative products and services. The Procurement Marketplace at Discovery 12 is the meeting place for companies to connect one-on-one with Procurement Directors representing numerous ministries from the Ontario, Federal and Municipal governments. Take advantage of this informal opportunity to sit down and present your business while gaining insight and connections towards your best path to procurement.

Complementary presentations will include an overview of the procurement process and how to become a vendor, a case study of successful program partnerships, and current government procurement initiatives.

Ontario’s Green Focus on Innovation and Technology (GreenFIT) Procurement Strategy is designed to drive Ontario’s new green economy and encourage green innovation and technological leadership through the government’s own purchasing. This presentation will provide an overview and update the status of GreenFIT and explain the eligibility, application and review process. It will also describe some of the pilot projects already underway and their expected outcomes.

- David Ogilvie, Senior Policy Advisor, Technology Programs, Ministry of Economic Development and Innovation

Doing Business with Government: An Overview of Provincial, Federal and Municipal Procurement

- Manny Argiropoulos, Chief, SME Stakeholder Engagement for Industry and Government with the Office of Small and Medium Enterprises (OSME), Public Works and Government Services Canada, Ontario Region
- Kevin Fox, Senior Procurement Consultant in the Stakeholder Outreach unit of the Ministry of Government Services, Supply Chain Management Division
- Nicholas Falcone, Coordinator, Corporate Purchasing & Quality Assurance, Purchasing and Materials Management Division, City of Toronto
9:30AM – 11:15AM | INTERNATIONAL CAFÉ PRESENTATIONS – INTERNATIONAL PRESENTATIONS | OMERS THEATRE

• 9:30 – 10:00: Ministry of Economic Development and Innovation, International Trade Branch

• 10:35 – 11:00:
  PRESENTER: Haishan Zhao, Chairman, Tianjin Municipal Science & Technology Commission, Tianjin, China

• 11:05 – 11:15:
  PRESENTER: Alistair Burt, MP, Parliamentary Under Secretary of State, UK Foreign & Commonwealth Office

9:30AM – 10:30AM | SECRETS FROM AN ENTREPRENEUR TURNED VENTURE CAPITALIST | GOWLINGS THEATRE

In his keynote address, David Teten, serial entrepreneur, Partner with ff Venture Capital and Founder and Chairman of the Harvard Business School Alumni Angels of Greater New York, will discuss free and ridiculously-low-cost tools to refine your start-up idea. Teten will also share his insights into how you can learn from the customers who need your solution the most and how to pick the one start-up idea out of 100 that is most likely to truly be a winner.

KEYNOTE SPEAKER:
• David Teten, Partner, ff Venture Capital
Tuesday May 15  Morning Sessions

9:30AM – 10:30AM | **NOVEL ENERGY STORAGE: KEY TO UNLOCKING RENEWABLE POWER!** | BRUCE POWER THEATRE

Enabling electrical energy to be stored so it can be available to meet customer demand whenever needed represents a major breakthrough in electricity distribution and renewable integration. The panelists will speak about novel ways of storing electrical energy to make tomorrow’s grid smarter, greener and more cost effective.

**MODERATOR:**
- **Prof. Magdy Salama**, Research Chair, Department of Electrical and Computer Engineering, University of Waterloo

**PANELLISTS:**
- **Curtis VanWallegehem**, CEO, Hydrostor
- **Cam Carver**, CEO, Temporal Power
- **Vinay Sharma**, CEO, London Hydro
- **Dr. Raj Das Gupta**, General Manager, Energy Storage, Electrovaya

9:30AM – 11:45AM | **EXPERIENTIAL LEARNING COMPETITION** | TALENT THEATRE

NEW to Discovery 12! The best and brightest emerging entrepreneurs from funded partners of Ontario Centres of Excellence’s (OCE) Experiential Learning Program (ELP) will showcase their business models to a panel of esteemed judges. The ELP supports Ontario post-secondary institutions to manage and grow established project and experience-based programs for young entrepreneurs that will accelerate and further enhance the quality of new ventures and industry collaborations. Up to 4 top innovators will be awarded financial support to further support their business.

**MODERATOR:**
- **Tim Ellis**, CEO, Accelerator Centre

**JUDGES:**
- **Dr. Ian Smith**, Director General, National Research Council Institute for Biodiagnostics
- **Jean-Claude Gavrel**, Former Associate Vice-President, Natural Sciences and Engineering Research Council of Canada and Director, Networks of Centres of Excellence
9:30AM – 10:30 AM | **HOW BLUE IS YOUR BOTTOM LINE?** | ENBRIDGE THEATRE

Water is Canada’s most visible natural resource and the perception of Canada’s water abundance drives how it is used. As demand and pollution increase, and water availability decreases, its life-cycle is an increasingly critical factor in the sustainability and growth of Canada’s economy. How do wiser water and environment decisions help connect the dots for building smarter economies in smarter cities? Join this panel to learn how communities and businesses are addressing their bottom lines to make water a priority and take advantage of its opportunity.

**MODERATOR:**
Kerry Freek, Editor, Water Canada

**PANELLISTS:**
Steven Renzetti, Dept. Economics (Enviro.), Brock University
Alex Keen, President, Altech Tech Systems
Chris Rickett, Senior Project Manager, Partners in Project Green (TRCA)
9:30AM – 11:25AM | INNOVATION PARTNERS PROGRAM OVERVIEW

The Discovery Innovation Theatre provides an opportunity for government organizations to showcase and discuss their individual program offerings. Presenters from provincial and federal government organizations invite you to learn about their various programs and answer your questions.

- **9:30 – 9:45:** Ontario Capital Growth Corporation
  **PRESENTER:** Brenda Hogan, Investment and Portfolio Manager

- **9:50 – 10:05:** Ministry of Economic Development and Innovation, Ontario’s Innovation Demonstration Fund
  **PRESENTER:** Luke Gartner, Manager, Technology Programs, Commercialization Branch

- **10:10 – 10:25:** Ministry of Economic Development and Innovation, Ontario’s International Research Collaboration Programs
  **PRESENTER:** Lee Marsden, Senior Policy Advisor, Access to Capital and Business Development Branch

- **10:30 – 10:45:** Ontario Centres of Excellence (OCE)
  **PRESENTER:** Bob Civak, Senior Vice President, Business Development Operations

- **10:50 – 11:05:** MaRS
  **PRESENTER:** Amie Sergas, Director, BAP Network, Business Acceleration Program (BAP)

- **11:10 – 11:25:** Networks of Centres of Excellence (NCE)
  **PRESENTER:** Lisa Drouillard, Acting Associate Vice-President

10:45AM– 11:45AM | THE INNOVATION SOUFFLÉ – RAISING ONTARIO’S CLEANTECH CAPACITY WITH CREATIVE ENERGY INFRASTRUCTURE RENEWAL | GOWLINGS THEATRE

Meeting Ontario’s energy demands over the next 20-30 years will require unprecedented expansion and renewal of the province’s electricity, natural gas and transportation fuel infrastructure. Currently we build and operate energy infrastructure in distinct silos, but if new technology is aligned with smart policy, and a renewed R&D emphasis, our energy needs could be achieved with lower costs, improved
reliability, and lower environmental impact. The panel will explore examples of how the province’s significant pipeline infrastructure could be leveraged for significant improvements across the energy end-use community.

MODERATOR:
• David J. McFadden, QC, Partner, Gowling Lafleur Henderson LLP

PANELLISTS:
• Sean Conway, Visiting Fellow, Centre for Urban Energy, Ryerson University; Public Policy Advisor, Gowling Lafleur Henderson LLP; Chair, Board of Management, Ontario Centres of Excellence
• Chuck Szmurlo, Vice President, Alternative and Emerging Technology, Enbridge Inc.
• Dan Goldberger, Executive Director, Energy Technology Innovation Canada

10:45AM – 11:45AM | A CANADIAN VIEW OF THE GLOBAL MARKETPLACE
| BRUCE POWER THEATRE

At the recent International Commercialization Forum, commercialization experts from Canada and around the world discussed the impact of the commercialization of research discoveries on the world economy. This group of experts emphasized the critical importance of intermediary organizations facilitating access to the global market place. At the forum, OCE’s Centre for Commercialization of Research launched a pilot program to accelerate this access for early-stage companies that are customer or investor ready. The panellists will discuss their views on how Canadian Intermediary organizations can help grow promising companies by helping them access global players.

MODERATOR:
• Dr. Mario Thomas, Senior Vice President, Strategy, Programs and Partnerships, Ontario Centres of Excellence (OCE) and Managing Director, OCE’s Centre for Commercialization of Research (CCR)

PANELLISTS:
• Yvon Brousseau, CEO, C3E
• Pamela Freeman, Chief Operating Officer, TEC Edmonton
• Susan Gorges, CEO, SpringBoard West Innovations
• Jeffrey Crelinsten, President, The Impact Group
This session deals with trans-disciplinary innovations that utilize place and time information to produce leading edge products and services. Companies will discuss how they have harnessed geotechnical innovation to position their company to grow in the Geo-Economy.

MODERATOR:
- Dr. Bob Ryerson, CEO, KIM Geomatics

PANELLISTS:
- Adam Gryfe, Commercialization Manager, Clearpath Robotics
- Ravi Seethapathy, Manager, Systems Innovation & Advance Grid Development, Hydro One Networks
- Rémi Godin, Senior District Engineer, Waste Management of Canada Corporation
- Marni McVicar, VP Operations, Aeryon Labs
- Ernest Earon, President, WineHawk Labs

11:45AM – 1:45PM | LUNCHEON AND STUDENT COMPETITION AWARDS CEREMONY | HALL F

MODERATOR:
- Dr. Tom Corr, President and Chief Executive Officer, Ontario Centres of Excellence

LUNCHEON KEYNOTE SPEAKER:
- The Honourable Brad Duguid, Minister of Economic Development and Innovation
  - Introduced by Michael Nobrega, President and Chief Executive Officer, Ontario Municipal Employees Retirement System (OMERS)
  - Thanked by Brian Armstrong, Executive Vice President and General Counsel, Bruce Power

COMPETITION AWARDS
Winners of the Connections, Video, Experiential Learning and Social Enterprise competitions take the stage to receive awards. A representative from Ontario Power Authority (OPA) will present to the winners of the Student Connections Competition OPA Award.
Government at all levels is open for business and a potential customer for Ontario’s innovative products and services.

The Procurement Marketplace at Discovery 12 is the meeting place for companies to connect one-on-one with Procurement Directors representing numerous ministries from the Ontario, Federal and Municipal governments. Take advantage of this informal opportunity to sit down and present your business while gaining insight and connections towards your best path to procurement.

Complementary presentations will include an overview of the procurement process and how to become a vendor, a case study of successful program partnerships, and current government procurement initiative

- **2:00 – 3:00:** Understanding the Canadian Innovation Commercialization Program (CICP) – **PRESENTER:** Helen Braiter, Public Works and Government Services Canada (PWGSC)
- **3:00 – 3:30:** Promoting R&D Investment in Canada through Procurement – **PRESENTER:** Suzanne Lorrains, Senior Director of the Science Procurement Directorate (SPD) in the Acquisition Branch of PWGSC

**Tuesday May 15 Afternoon Sessions**

**2:00PM – 4:15PM | PROCUREMENT MARKETPLACE | OMERS THEATRE**

**2:00PM – 4:00PM | INTERNATIONAL CAFÉ – FOREIGN AFFAIRS AND INTERNATIONAL TRADE CANADA PRESENTATIONS | OMERS THEATRE**

- **2:00 – 2:15:** Canada-Italy Science and Technology Relationship – Opportunities for Collaboration  
  **PRESENTER:** Emmanuel Kamarianakis, Minister Counsellor, The Canadian Embassy, Rome
- **2:15 – 2:30:** The Netherlands: Bigger Than you Thought!  
  **PRESENTER:** Bill Pound, Counsellor, The Canadian Embassy, The Hague
- **2:30 – 2:45:** Canadian Technology Accelerator and Related Services in San Francisco  
  **PRESENTER:** Thierry Weissenburger, Consul and Senior Trade Commissioner, The Consulate General of Canada, San Francisco
- **2:45 – 3:00:** Canadian Technology Accelerators @ NYC: Cleantech and Digital Media  
  **PRESENTER:** Régine Clément, Trade Commissioner, The Consulate General of Canada, New York
Tuesday May 15 Afternoon Sessions

2:00PM – 4:00PM | INTERNATIONAL CAFÉ – FOREIGN AFFAIRS AND INTERNATIONAL TRADE CANADA PRESENTATIONS | OMERS THEATRE (continued)

• 3:00 – 3:15: Boston – Innovation in a Mature Market
  **PRESENTER:** Maurice Egan, Consul and Senior Trade Commissioner, The Consulate General of Canada, Boston

• 3:15 – 3:30: Canada and France Collaboration
  **PRESENTERS:** Jean-Dominique Ieraci, Minister Counsellor, The Canadian Embassy, Paris, François Gauthé, Trade Commissioner, The Canadian Embassy, Paris

• 3:30 – 3:45: Green Chemistry, Separation Technologies, and Blood Pathogen Inactivation - Collaboration Opportunities with a Japanese Company
  **PRESENTER:** Renato Caldart, Business Development Global Practice Lead (Vancouver), Foreign Affairs and International Trade Canada

• 3:45 – 4:00: Go Global – Start Local
  **PRESENTER:** Jim Feir, Director and Senior Trade Commissioner, Ontario Region, Trade Commissioner Service Regional Office, Foreign Affairs and International Trade Canada

2:00PM – 5:00PM | START ME UP! ALPHA EXCHANGE INNOVATION CAMPAIGN LIVE JUDGING EVENT | GOWLINGS THEATRE

Discovery has teamed up with Backbone magazine and The Alpha Exchange to present the inaugural Start Me Up! Alpha Exchange Innovation Campaign live judging event. This event will feature the top nominees pitching their business plan for their new product or service. You don’t want to miss watching these skilled entrepreneurs pitch their businesses to industry experts for the chance to win $100,000 in prizes, mentoring and media coverage.

**JUDGES:**

• **Jos Schmitt**, CEO, Alpha Exchange
• **Dr. Darin Graham**, President and CEO of Ontario Research and Innovation Optical Network (ORION)
• **Bill Tam**, President & CEO, BC Technology Industry Association, Centre for Growth
• **Paul Day**, Vice-President, Information and Communications Technology, Export Development Corporation
• **Dave MacKay**, President, Ceridian Canada
• **Perry Dellelce**, Partner, Wildeboer Dellecle
• **Francois Morin**, CEO, WCIT2012
• **Valerie Fox**, Executive Director, Digital Media Zone at Ryerson University
• **Steve McLaughlin**, Partner, Financial Technology Partners
• **Geoff Kereluik**, VP Commercial Sales, HP
• **Christopher Dulney**, Partner, Canadian National Technology Leader, PricewaterhouseCoopers
• **Greg Mills**, Co-Head, Global Equities Division, RBC Capital Markets
• **Peter Wolchak**, Editor, Backbone

2:00PM – 3:00PM **PUTTING THE SOCIAL IN ONTARIO’S INNOVATION PROGRAM – A REGIONAL STORY | TALENT THEATRE**

From multinational corporations to not-for-profit organizations to new social entrepreneurs, finding new ways to address persistent social and environmental challenges while creating value and contributing to Ontario’s economy is everybody’s business. This panel will present information about the opportunity for collaborating on social innovation from the perspective of the academic, community, health care and industry sectors. It will present an overview of the assets for social innovation in York Region and its shared commitment of working together to benefit communities, businesses, students and citizens.

**MODERATOR:**
• **Jeremy Laurin**, President and CEO, ventureLAB

**PANELLISTS:**
• **Allyson Hewitt**, Director, Social Entrepreneurship, SiG@MaRS
• **Lahav Gil**, CEO and Founder, Kangaroo Group
• **Patrick Clifford**, Director of Research, Research Institute of Southlake Regional Health Centre
• **Dr. Robert Haché**, Vice-President, Research & Innovation
• **Janice Chu**, Director, Community Investment, United Way – York Region
• **Dr. Paul Ritvo**, Associate Professor in the School of Kinesiology and Health Science and Psychology, York University
Exponential growth in demand for water solutions is driving a global market expected to reach $1 trillion by 2020. Ontario’s proximity to unparalleled freshwater resources has led to the development of excellence and capacity in clean water technologies and research and with the passing of the Water Opportunities and Conservation Act, the province is well positioned to make Ontario a leading jurisdiction in the development and commercialization of innovative technologies and services for the treatment and management of drinking water, wastewater and stormwater. This panel will address initiatives being taken by Ontario to grow globally competitive companies, implement solutions in our own communities and provide high-value jobs in Ontario’s water sector.

MODERATOR
• Anthony Watanabe, President and CEO, Innovolve Group

PANELLISTS:
• Dr. Brent Wootton, Director and Senior Scientist, Centre for Alternative Wastewater Treatment, Fleming College
• Dr. David Rudolph, Executive Director, The Water Institute, University of Waterloo, Southern Ontario Water Consortium

The Discovery Innovation Theatre provides an opportunity for government organizations to showcase and discuss their individual program offerings. Presenters from provincial and federal government organizations invite you to learn about their various programs and answer your questions.

• 2:00 – 2:15: Natural Sciences and Engineering Research Council of Canada (NSERC)
  PRESENTER: Tibor Turi, Manager, NSERC Ontario Regional Office
• 2:20 – 2:35: Canada Revenue Agency, Scientific Research & Experimental Development Division (SR&ED)
  PRESENTER: Lynda Sturgeo, Research & Technology Manager
• 2:40 – 2:55: NRC Industrial Research Assistance Program (NRC-IRAP), Digital Technology Adoption Pilot Program (DTAPP)
  **Presenter:** Tom Matulis, Acting Executive Director, National Research Council’s Industrial Research Assistance Program (NRC-IRAP)

• 3:00 – 3:15: Federal Economic Development Agency for Southern Ontario (FedDev)
  **Presenter:** Taras Hollyer, Director, Program Policy and Innovation

• 3:20 – 3:35: Canadian Intellectual Property Office (CIPO)
  **Presenter:** Dumitru Olariu, Business Development Officer

• 3:40 – 3:55: International Science and Technology Partnerships Canada (ISTPCanada)
  **Presenter:** Bharat Rudra, Country Manager for India and Brazil

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**2:00PM – 3:00PM | RAPID PROTOTYPING – HOW INCREASING THE PRODUCTIVITY OF YOUR COMPANY DECREASES THE TIME TO MARKET | ENBRIDGE THEATRE**

Rapid prototyping (RP) technology has advanced in recent years: it has become cheaper, faster, more accurate and is multi-material. As a result, it is the tool of choice for prototyping and testing. Now, the next generation of RP technology is diversifying into the very small and the very large bio-metallic and ceramic materials markets and is being used to make items for both factory production and for personal use. Join this panel discussion to hear about the state of the industry and see examples of parts being made right before your eyes.

**Moderator:**
• Melba Kurman, President and Founder, Triple Helix Innovation

**Panelists:**
• Jeff DeGrange, Vice President, Direct Digital Manufacturing, Stratasys Incorporated
• Gilad Shoham, Production Manager, KBT Contract Manufacturing Inc.
• Matt Ratto, Director, ThingTank Lab, University of Toronto
• Bruno Maruzzo, Commercialization Officer, iDAPT, Toronto Rehabilitation Institute
3:15PM – 4:15PM | **ONCOLOGY - AN ANALYSIS OF TECHNOLOGY ADOPTION | BRUCE POWER THEATRE**

The province of Ontario has identified cancer as an area with unique opportunities for supporting research and innovation. Expected to impact the burden of cancer and also lead to the creation of innovative industries and commercial partnerships. The key challenge still remains in the commercialization and adoption of technologies focused in this area into the healthcare system.

**MODERATOR:**
- **Peter Goodhand**, CEO, Canadian Cancer Society and Chair, HTX

**PANELLISTS:**
- **Dr. Michael Sherar**, President and CEO, Cancer Care Ontario and Quality Council Member, Cancer Quality Council of Ontario
- **Dr. Stefan Larson**, CEO, Tornado Medical Systems
- **Frank Gleeson**, Executive-in-Residence, Ontario Institute for Cancer Research
- **Luigi Gentile**, Executive Director, Pathology Innovation Centre of Excellence (PICOE) – GE Healthcare

3:15PM – 5:00PM | **ONTARIO’S ROLE IN 21ST CENTURY MINING | TALENT THEATRE**

As the world’s population grows, so does the demand for metal. This has resulted in an economic opportunity for Northern Ontario’s “Ring of Fire” region and has also created an opening to find innovative ways to make mining processes more efficient. Join this panel to learn about the Centre for Excellence in Mining Innovation’s SUMIT project, the economic benefits of the “Ring of Fire” in Northern Ontario and beyond, opportunities in mining research, the need for highly qualified personnel in the mining industry and how the mining industry is working to become more environmentally sustainable.

**MODERATOR:**
- **Douglas Morrison**, President and CEO, Centre for Excellence in Mining Innovation (CEMI)

**PANELLISTS:**
- **Christine Kaszycki**, Assistant Deputy Minister, Ring of Fire Secretariat, Ministry of Northern Development & Mines, Mines and Minerals
- **Brian Buss**, Vice President, Project Development, Lake Shore Gold
The Council of Ontario Universities, in partnership with the Government of Ontario, presents the first annual Innovative Designs for Accessibility (IDea) student competition. Working individually or in teams, students were encouraged to collaborate with industry, government and community partners, including members of the disability community, to identify an accessibility-related issue, develop a plan to address the issue, and create an innovative and unique solution to it. The top 8 finalists will be presenting their designs. The Honourable John Milloy, Minister of Community and Social Services, will be joining the presentation.

4:15PM– 5:30PM | DISCOVERY INNOVATION SHOWCASE
Explore over 200,000 sq. feet of new ideas, innovations and solutions in CleanTech, Health, Digital, Information and Communications Technologies, Advanced Manufacturing and more, that are shaping the future of Ontario.

5:30PM | DISCOVERY 12 CONFERENCE AND SHOWCASE CLOSES

THANK YOU FOR BEING A PART OF DISCOVERY12

SAVE THE DATE
May 27-28

METRO TORONTO CONVENTION CENTRE