

# **Hamilton Health Innovation Check-up: Meeting Minutes**

## September 2019

Join our mailing list!

#### **STANDING AGENDA TOPICS:**

- **Guest Speaker Discussion**: insights around the experience and expertise of an invited speaker, focusing on a subject that may be of interest to the broader community
- **Communicate**: share recent successes, upcoming events, innovation pipeline and new products, health innovation trends, etc.
- Collaborate & Accelerate: welcome new members to community, partnership opportunities, discover programming and resources available to the community, discuss market gaps and challenges, learn about potential funding opportunities, new RFPs issued, etc.

Facilitator & Note Taker Location

Alex Muggah, Director, Synapse Consortium McMaster Innovation Park, 175 Longwood Dr,

9:00-10:00am

Next Monthly Check-up: October 28  $\mid$  9:00 – 10:00am  $\mid$  McMaster Innovation Park Please sign up to our <u>mailing list</u> to receive meeting minutes and other important updates.

Finding collaborative partners for health companies and researchers can be difficult. Synapse has created the <u>Health Innovation Partnership Portal (HIPP)</u> to facilitate finding new partners within Canada's leading health research and educational ecosystem located in in Hamilton, Ontario.

Minutes for our monthly check-up meetings are not published and are for reference purposes only. We do our best to ensure all information is accurately portrayed, and that no privileged/private information is inappropriately disclosed. Past meeting minutes can be access through a public Dropbox, using the following link.

For additional information on any subject, to contact a presenter directly, or should you have an adjustment to make to the notes made here, please contact: <a href="mailto:Alex.Muggah@SynapseConsortium.com">Alex.Muggah@SynapseConsortium.com</a>. Updates will be reflected in a revised version of the monthly minutes.

#### Time allotted | 20 Minutes

#### Topic: Guest Speaker Discussion

Insights around the experience and expertise of an invited speaker, focusing on a subject that may be of interest to the broader community

#### **Guest Speaker Discussion**

### Guest Speaker(s):

- Cynthia Lokker & Melika Babadi
   Assistant Professor, eHelalh, McMsater University & Hacking Health Hamilton
- [presentation slides used, and are available for download in Health Check-up drobox folder]

[the following is a synopsis of the discussion, and has been lightly edited for length and clarity] **Discussion** 

#### Introduction

Great to know that everyone has heard about <u>Hacking Health</u> – we're with the <u>local chapter in Hamilton</u> – a global movement to provide collision space to bring developers, healthcare providers, and students in the same room to work on real life challenges in healthcare.

#### Presentation

The approach of Hacking Health is very much from the ground up; we bring people from different groups together to hack a solution. Our mantra is that if you're going to fail, fail fast - that is the hacker approach to doing work - and then iterate on issues to make improvements. Hacking Health is based out of Montreal, with chapters around the world – emerging in places where there is enough of a community to build a setting like this [Health Check-up Meeting]. We have several chapters in Ontario, some of which are affiliated with university organizations, as is the case in Hamilton, where we draw engagement from the university and broader community.

There is a lot of activity that comes out from this movement. It's an incubation place to bring people and ideas together, with some of them spinning out companies. We see a great deal happening in the digital health space – and there is momentum and enthusiasm, matching the interest and people who want to get involved. We're trying to put Hamilton on the map.

In terms of programming, if you go to the annual <u>eHealth Conference</u>, there is always a hackathon going on organized by Hacking Health, and each regional chapter will also do a hackathon, as well as hosting monthly meet-ups. We do bi-monthly meet-ups (on Thursdays), where we bring in different speaker to give a presentation. Our last meet-up was talking with founders of small-tech, and sharing experiences in the room, and our next one is on October 24<sup>th</sup> (at Mohawk or McMaster).

This leads up to our <u>Hackathon on November 8-10<sup>th</sup></u> at the McMaster Innovation Park – which is why we're here today. We are excited that <u>Steve Peirrera</u> will talk about value stream mapping, and help us explore how we can apply these principles to the Hackathon. The Hackathon will take place over 48 hours, bringing together interdisciplinary teams that will collaborate around a common idea that excites them all. Friday will involve team formation and project pitches, with Saturday focused on working hard on developing prototypes, and then on Sunday teams will have the chance to pitch their idea to a panel of judges.



#### **Guest Speaker Discussion**

Hackathon's bring together people with different backgrounds and interests – and we try hard to involve everyone from care providers (identify gap and end user), designers (imagine a solution), entrepreneurs (start up culture), developers (help develop the prototype), patients (articulate personal impact).

We have seen real traction coming out of our Hackathons, with projects continuing on to impact patients and providers. For example, there were a <u>few notable projects</u> that came out of hackathon event last year. NavaBed is an online data sharing platform that allows long-term care homes to show their bed availabilities. WiseOwl helps seniors to connect with people in their local communities who can benefit from their unique skill sets – a project which won a research internship grant from MIRA. Finally, the CALM team developed a smart medication dispensary, and won an entrepreneurship consultation with the Forge and a design workshop with MEDIC. A past participant was a 15 year-old entrepreneur (Riya Karumanchi) who developed a <u>SmartCane</u>, which can detect items that are at waist level, and can warn the user before contact occurs. This product has been supported by MEDIC, University of Toronto Creative Destructive lab, and Microsoft amongst others – and went on to raise more than \$50,000.

If you have an idea, or you want to join a team – please come out. If you have experience/expertise and you want to be a mentor/judge, let us know. Please contact Cynthia (<a href="lookerc@mcmaster.ca">lookerc@mcmaster.ca</a>) or Melika (<a href="babadim@mcmaster.ca">babadim@mcmaster.ca</a>)

#### **Question & Answers**

Q: What types of problems are you looking to resolve?

A: We expect a wide range of pain points in the health system to be discussed. Getting a range of pitches will be important. We don't think it will be too hard to get students out to the event, but we are always looking for more developers who can help translate ideas into prototypes. We have a spark board that we use to help shape match-making opportunities.

Q: Are there prizes?

A: We have offered prizes in the past, and we are open to developing relationships with sponsors who can provide consulting and other services as prizes for the winning teams. We know that some teams will be cohesive during the weekend, but break up afterwards – our hope is that through the prizes we help maintain the momentum for a long-timer after the hackathon is complete.

Q: How often are the meetups

A: The meetings are bi-monthly, and we're happy to organize around topics that are of interest to the community – so feel free to reach out to me if you have ideas or want to participate.

Q: Do you organize the hackathon around specific themes or intractable problems that are confronting care providers – or doe you keep it open?

A: Last year we provided a focus – around aging, and partnered with the McMaster Institute for Research on Aging (MIRA) to help drive this theme throughout the event. This year we've decided to have a broader lens and not have a specific theme. We're hoping to expand the range of interests and issues that might be introduced by participants.



#### **Hamilton Health Innovation: Calendar Highlights**

Check out Synapse's online calendar

#### October

- Oct 1-3: <u>HireMcMaster Industry Week Cannabis</u>, <u>Pharma and Health</u> (McMaster University)
- Oct 1: <u>Waterloo Innovation Summit</u> (University of Waterloo)
- Oct 1: Special Cardiology Rounds: Using Biodesign to Revolutionize Medicine (Hamilton Health Sciences)
- Oct 3: 5G Revolution What you Need to Know (Health Technology Centre)
- Oct 4-6: <u>Body Peace 2019</u> (Body Brave & NIED)
- Oct 10: <u>Southern Ontario Angel Capital</u>: <u>Alliance Launch Event</u> (AngelOne Network)
- Oct 16: FHIR North Conference (Mohawk College)
- Oct 16: <u>Therapeutics Summit</u> (McMaster University)
- Oct 16: <u>Deal or No-Deal? Brexit its impact on exports of products to the UK</u> (Yordas & Gowlings)
- Oct 16-17: CIX 2019 Summit (CIX Summit)
- Oct 17: <u>Democratizing Medical Knowledge</u> (Health Leadership Academy)
- Oct 21: <u>Driving the Future of Digital Health 2019</u> (Digital Health Canada)
- Oct 23-24: <u>Product Development and Compliance Seminar</u> (Engineering CPR)
- Oct 24: <u>Celebrate Research Day</u> (St. Joseph's Healthcare, Hamilton)
- Oct 28: <u>Hamilton Health Check-up</u> (Synapse Consortium)

#### **November**

- Nov 7: <u>Made in York Region: The Future of Tech Event</u> (VentureLab)
- Nov 8-10: <u>Health Hackathon</u> (Hamilton Hacking Health)
- Nov 20: Learning from Failure in Healthcare (Health Leadership Academy)
- Nov 25: Hamilton Health Check-up (Synapse Consortium)
- Nov 26: Hi5 Pitch Competition (HalTech)

## December 2019 and Beyond

- Dec 4: <u>Digital Transformations in Life Sciences</u> (LSO)
- Dec 13: <u>TEDxMcMasterU Theme: Ambition</u> (McMaster University)
- Feb 5-7: Niagara Investment Summit (OBIO)
- Mar 7: HHS Foundation Gala (Hamilton Health Sciences)
- Mar 29: Synapse Life Science Competition: Pitch Presentation (Innovation Factory)



# TIME ALLOTTED | **20 MINUTES**

Topic: Communicate

Recent successes, upcoming events, innovation pipeline, new products, health innovation trends, etc.

Discussion	Presenter
VoxNeuro Secures \$249,000 in Research Development Funding From NRC-IRAP	Kim Zarzuela
VoxNeuro is excited to announce that the company will receive up to CA\$249,000 in research and development funding from the National Research Council of Canada Industrial Research Assistance Program (NRC IRAP). Obtaining NRC IRAP funding not only serves as recognition for VoxNeuro's focus on innovation, but will serve as a catalyst for the company's continued growth and success.	(Innovation Factory)
CEO, James Connolly is quick to praise the Canadian Government's support of technology companies and innovators. "Canada has a remarkably rich history in technological innovation that continues to have a global impact. The Canadian government's dedication to supporting domestic companies expanding on the global stage through initiatives such as NRC IRAP is exceptional and being part of this ecosystem is a thrill." COO, Kimberly Elliott adds, "We are very pleased to receive this funding, which will be used to create scalable infrastructure for our existing assessment system, create jobs, and accelerate our ability to make a significant impact on how all brain injuries, including concussions, are managed across Canada and the world."	
VoxNeuro is a Hamilton-based biotechnology start-up that is commercializing the world's first objective Cognitive Health Assessments™ − EEG based neuroimaging − for acquired brain injuries, including concussions, that steps beyond diagnosis by identifying specific areas of brain function that have been impacted by an injury. VoxNeuro's patient reports empower clinicians to make informed decisions, accelerate, and track rehabilitation with unprecedented precision.	
For more information about their contributions to the healthcare industry visit their website at <a href="https://www.voxneuro.com">www.voxneuro.com</a>	
To read the full article by Innovation Factory, click <u>here</u>	
McMaster University Ranked 72 <sup>nd</sup> in the World	Alex Muggah
For the first time since 2012, McMaster is ranked among the top 75 universities in the world.	(Synapse)
The university is ranked 72 in the internationally respected 2020 Times Higher Education rankings released today in Switzerland, advancing five spots over last year and one of only four Canadian universities in the world's top 75. It's the first time McMaster has cracked the top 75 since the change in rankings methodology in the early part of this decade.	
To read the full article, click <u>here</u>	
Synapse Life Science Competition Applications Open on October 3rd	Shannon
A big thank you to everyone who came out to Lion's Lair, it was a huge success. And so now our attention turns to the Synapse Competition!	Graszat (iF)
Ontario's premier life science pitch competition, Synapse is dedicated to fostering the commercialization of innovation in the life science sector. Delivered by Innovation Factory, in	



Discussion	Presenter
collaboration with the Synapse Consortium, this competition assists innovators, scientists and researchers to bring their ideas to market, increase revenues, attract investment and create jobs.	
Applications will be open on Thursday, October $3^{\rm rd}$ – so please apply and let people know about the opportunity.	
To learn more, please reach out to Jennifer Gauvreau ( <a href="mailto:jennifer.gauvreau@innovationfactory.ca">jennifer.gauvreau@innovationfactory.ca</a> ) or Shannon Graszat ( <a href="mailto:shannon.graszat@innovationfactory.ca">shannon.graszat@innovationfactory.ca</a> ).	
Seminar/Webinar: Deal or No-Deal? Brexit - its impact on exports of products to the UK (Oct 16)	Giselle Vincett
Join Yordas Group, Gowlings, KPMG and the UK Ministry of International Trade on 16 October 2019 (09:00 - 11.00 EST) as we explain the impact on North American businesses when exporting products to the UK after Brexit. If you cannot attend the live event, you can join through the webinar as the event will be live streamed.	(Yordas Group)
Location McMaster Innovation Park, 175 Longwood Rd. South, Hamilton, ON; or Live on GoToWebinar	
Schedule for live seminar taking place in Hamilton 8:00 Arrive for breakfast and networking 09:00 Seminar starts 11:00 Seminar finishes	
This session will aim to provide an overview of the impact Brexit will have on North American businesses:	
<ul> <li>The most up-to-date information on the UK government position and preparations for Brexit</li> </ul>	
<ul> <li>Impacts on imports to/exports from the UK and administrative costs and processes</li> <li>Steps to take to ensure supply chain resilience, compliance and continuity of supply</li> <li>Trade agreements and possible impacts and outcomes: CETA, Most Favoured Nation (MFN) status, new trade agreements, interim measures</li> <li>Strategies to maximise savings around duties</li> <li>Impact on corporate structure, including withholding taxes on dividends, interest and</li> </ul>	
royalties and access to double tax treaties/EU directives  Industry case study on chemical supply chain impacts	
Who will benefit from attending	
<ul> <li>Any company who does business with the UK or UK/EU</li> <li>Most affected sectors: aerospace, chemicals, manufacturing, oil and gas, and electricals/electronics sectors</li> </ul>	
Register to attend the <u>seminar in person</u> . Register to participate online via <u>webinar</u>	
If you would like to learn more, or participate in the information session at the end of September, please reach out to Giselle Vincett (g.vincett@yordasgroup.com)	



Discussion	Presenter
One-of-a-Kind Memory Care Centre Breaks Ground in Hamilton	Alex Muggah
Ressam Gardens hosted a ground-breaking ceremony of its inaugural site in Hamilton, Ontario on June 13, 2019. The Centre will be the first of its kind in North America and will provide a unique residential experience to those who suffer from dementia. It was designed from the ground up to enhance the well-being of the residents as well as the well-being of their loved ones. Besides the unique building design, a key innovative aspect of Ressam Gardens is that it will serve as a Living Lab for the development and testing of advanced smart systems. The smart systems will cater to the needs of the growing global population suffering from the many forms of dementia.	(Synapse)
The concept of Ressam Gardens was designed and developed by Dr. Nafia Al-Mutawaly, former professor at Mohawk College and McMaster University and current CEO of Microgrid Solutions. "This is the culmination of more than 10 years of planning, design and hard work."	
To learn more, click <u>here</u>	
Five take Highest Honour in Canadian Health Sciences	Alex Muggah (Synapse)
Congratulations to McMaster Faculty of Health Sciences members Sonia Anand, Hertzel Gerstein, John Lavis, Mark Loeb and Parminder Raina on their election as fellows of Canadian Academy of Health Sciences. We are tremendously proud of this well-deserved honour! They have all been chosen through peer review for their demonstrated leadership, creativity, distinctive competencies, and commitment to advance academic health sciences. All fellows also agree to serve the Academy and be active in promoting improved health, health care and health-related policies. They were inducted in September 2019.	(Synapse)
<u>Click here</u> to read the full article	
Update from Velocity Incubator – Name Change and Hiring Lab Manager  A quick update from up in Kitchener. We've changed our name from Velocity Garage to Velocity Incubator, based on a reorganization. Our new website is <a href="www.velocityincubator.com">www.velocityincubator.com</a> . The rational is based on the fact that we operate 5,000 sqft of wet lab space as well as a relationship with Perkins Elmer that allowed us to <a href="co-locate their demonstration lab">co-locate their demonstration lab</a> in our facilities.	Adrien Cote (Velocity Incubator)
Tied to our laboratory facilities, Velocity Incubator is hiring a new Lab Manager, ideally with a lab experience and experience to operate as a biosafety lab officer. For those who might be interested, check out the job posting	



Discussion	Presenter
Follow-up and Update on August AngelOne Regional Investor Event @ HalTech  I joined AngelOne about 6 months ago, and realized that the angel network needs more exposure to med-tech companies. They are exposed to companies with revenue and customers, and they'll just "throw fuel on the fire", but this looks different than a medtech company — which looks like lots of risk with a long timeline. However, when I look at angel returns in the US, the second highest sector for returns is medtech (after b2b), which suggested we needed to do more in this field. We have made 131 investments over our life, and we've only made 7% in life sciences — so we're looking to improve and get invested.  Through this, we pulled together 9 companies who pitched to our angels. Our idea was to bring them together to see what level of interest is. For four of them, the ground indicated they want to see more. For various reasons, we haven't had follow-up (one wasn't raising, one had already filled its capital raise, and setting up follow-ups for the final two). We're going to do a 2-hour call, where the angels have looked through the deal room on background, and have a follow-up call. From that, we can see how much capital is interested in investing — and then do an 8-week due diligence process to start investing. We had 30 investors who came, which is fantastic — many asked "when's the next one" — and about 80 people total in the room.  Before the next one, I'll want to do more screening to ensure there is interested in raising capital — perhaps one in the fall and one in the winter — maybe time the event with other events that are aligned with driving commercial interest.	David Wright (AngelOne Netework)
Mohawk College Update – Conference Update and TAC Pursuit  First, we have been promoting a pair of conferences that we've run in the spring, which he had been thinking to run in the fall. The two are Apps for Health (industry-related conference) and FHIR North (technical conference for geeks). Of the two, they were scheduled for Oct 15-16, and we decided to push it back to the normal time in the spring – April of 2020. FHIR North is a very valuable conference for on-hand practical understanding of FHIR standing to support healthcare system interoperability. If you're interested in the practical stuff – that will be Wednesday the 16 <sup>th</sup> .  Second, there is a big grant from NSERC called a <u>Technology Access Centre</u> (TAC), whereby an applied research centre can secure funding, and get 5 years of sustainable funding to support operations. MEDIC has been a beneficiary of TAC funding for the last 4 years. We're applying for a second TAC for our energy and power organization. We'll be looking for letters of support from the community. The <u>TAC program is excellent</u> , and supports applied research all across Canada. Likely that if your company is doing something with technology, you'll find a TAC in Canada that can support your activities.	Brian vanOosten (Mohawk College)
Introduction to Rawl Banton and Adam Pender, Innovation Advisors @ Innovation Canada  We wanted to introduce ourselves, as the newly appointed Innovation Advisors for the region – stretching from 407 to Niagara to Windsor.  Formerly the Concierge Program, we've stood up Accelerated Growth Services (AGS) program.  Our ideal target are companies that have \$5million in revenue, and growing 15-20% a year with a minimum of 15 employees. We assess these companies, and then make recommendations	Rawl Banton & Adam Pender (Innovation Canada)



Discussion	Presenter
about how to benefit these companies. AGS acts as triage centre that will bring everyone together, to assist these high-growth potential companies.	
What we're looking for is to identify these types of companies in the region. That said, our criteria are negotiable – recognizing that not all companies will hit our targets - but we're hoping to leverage this network to get introductions to companies that will benefit from engagement with the Federal government agencies (e.g., BDO, EDC, FedDev, NRC-IRAP, etc.). If you have companies that are part of your portfolio, we'd love to meet them.	
While AGS is our focus, we also have other responsibilities. Companies that don't hit the criteria, we might be able to path find for them to find companies that might have some interest. Below the \$5m threshold, there are a lot of regional investment programs. Our job is to identify how we can assist entrepreneurs directly and find programs. We focus on all sectors of the economy, as well as government.	
We're embedded into FedDev, we're able to facilitate a wide range of introductions across the Federal government.	
Finally, want to suggest for support organizations in the marketplace, we also provide benefits to these types of organizations. We're interested in engaging any entity that touches on the economy, to help facilitate thase connections	
To learn more, please contact us directly: Adam Pender ( <a href="mailto:adam.pender@canada.ca">adam.pender@canada.ca</a> ) and / or Rawl Banton ( <a href="mailto:rawl.banton@canada.ca">rawl.banton@canada.ca</a> )	
Special Cardiology Rounds: Using Biodesign to Revolutionize Medicine (Oct 1)	Harsha
Join us in this interdisciplinary Symposium to connect with fellow innovators. Gain inspiration for developing devices, point-of-care diagnostics, clinical or surgical tools, and other innovative digital health solutions that can revolutionize how we deliver health care."	Prathiba (HHS)
Keynote Speaker	
<ul> <li>Dr. Farzad Azimpour, Chief Medical Officer, MYIA Health; Adjunct Professor (Medicine), Stanford University School of Medicine; Assistant Director (Design), Stanford Byers Centre for Biodesign</li> </ul>	
Speakers and Panelists	
<ul> <li>Dr. Leyla Soleymani, Associate Professor and Canada Research Chair in Miniaturized Biomedical Devices, McMaster University</li> <li>Dr. Michael Noseworthy, Co-Director, McMaster School of Biomedical Engineering and Professor, Department of Electrical &amp; Computer Engineering, McMaster University</li> <li>Dr. Qiyin Fang, Professor and Canada Research Chair in Biophotonics, McMaster University</li> <li>Mitch Wilson, President &amp; COO, Mariner Endosurgery</li> <li>Dylan Horvath, President of Cortex Design</li> </ul>	
Moderators	



Discussion	Presenter
<ul> <li>Dr. Sanjit Jolly, Interventional Cardiologist and Professor of Medicine, McMaster University</li> </ul>	
<ul> <li>Dr. Ted Scott, Vice President Research &amp; Chief Innovation Officer, Hamilton Health Sciences</li> </ul>	
Location: David Braley Cardiac Vascular and Stroke Research Institute (DBCVSRI) Auditorium – Ground level, 20 Copeland Ave, Hamilton, ON, L8L 2X2	
RSVP & REGISTER: please contact Harsha Prathiba (harshap@hhsc.ca)	
HireMcMaster Industry Week – Cannabis, Health and Pharmaceuticals (Oct 1-3)	Nayelli Perez (McMaster)
Showcase your organization to McMaster students, and learn what our students can do for you! This Week will provide opportunities for our students to build awareness of job and career opportunities in Cannabis, Health, and Pharma industries.	
Industry Week provides companies the opportunity to hold professional development workshops on topics such as resume writing, mock interviews, technical interviews, job searching to align with your company goals. Also, it gives you the option to host an Instagram takeover through the Hire McMaster Instagram account led by your co-op student(s).	
If you are interested in providing an industry specific workshop, please indicate the workshop you would like to run in the fill-out form below. We strongly encourage workshops to be unique and engaging to capture the attention and interest of students.	
We are looking for speakers to provide industry-specific workshops on October 1st, we strongly encourage workshops to be unique and engaging to capture the attention and interest of students. We would be happy to work with you in the development of the workshops. Speakers are encouraged to spend 10 minutes speaking about their organization and will have an opportunity after the workshop to network with students in the room.	
Workshops on October 1st will be held between 12:30 -4:30 and we can work with you to find a suitable time. We are asking employers to develop a 50-minute presentation with time after your presentation for networking and discussion with students.	
Possible workshops include "gaining experience in the industry" "opportunities in healthcare" "future trends in health care." If you have a unique or interesting talk, we would love to have you.	
On October 3rd we will be running a mini job fair with about 10 – 15 employers specific to the Cannabis, Pharma, and Health industry from 12:30-4:30.	
If you are interested in learning more or taking part, you can contact Dan Hess – Project Manager and Manager Employer Engagement for HireMcMaster at <a href="https://newsater.ca">hessd@mcmaster.ca</a>	
We welcome you to view the <u>Hire McMaster website</u> or follow <u>Linkedin</u> for information and tips regarding student recruitment	



Discussion	Presenter
Waterloo Innovation Summit (October 1, 2019)	Adrien Cote (Velocity)
Reimagining health with technology: Global and individual health care continues to be deeply disrupted by technology. Quantum sensors improving cancer treatment, health informatics prioritizing patient care and computational models predicting better surgical outcomes are all examples of how HealthTech is transforming individual health and the delivery of medical care.	(velocity)
Join global thought leaders and change agents on October 1 as we take a deep-dive into the burgeoning HealthTech boom.	
Meet the disruptors: Witness for yourself the medical devices, pharma care solutions, digital technologies and data systems that will shift your perspective on health and make the delivery of care faster, cost effective and more accurate.	
See the future of HealthTech: Hear from HealthTech startups and scale-ups on how to successfully navigate growth. Discover the secrets of world-class innovators who have transformed original ideas into real-world solutions. And see what's on the horizon.	
Build connections: The day will include opportunities to network with industry leaders, policymakers and influential inventors in Engineering 7, our new state-of-the art training ground for engineers of the future. Share and hear thought-provoking ideas that anticipate trends and transform the world and find partners for your future.	
Experience a pitch competition: You will get a chance to participate alongside investors as they judge HealthTech startups from the University of Waterloo's Velocity, Canada's most productive startup incubator, as they complete in a real-time pitch competition for cash prizes.	
Hamilton Technology Centre Seminar Series: 5G Revolution – What you Need to Know (Oct 3)	Rob McCann
On Thursday October 3, 2019, The Hamilton Technology Centre invites you to join us for a lunch and learn to hear from a distinguished group of Industry Experts as they help you better understand what 5 G is about:	(Clear Cable)
<ol> <li>What should expect – will it help you run your business activities better?</li> <li>When might it really come to Canada?</li> <li>Is it dangerous to health?</li> <li>How might it change our digital life?</li> </ol>	
About our Panelists:	1
John Bell – President JT Bell. JTBell Consulting offers support for international business development and strategic consulting for OEM, utilities and government organizations in the area of broadband wireless based Real-time Energy Monitoring, Cloud-based Analysis and MUSH sector Managed Energy services; IP applications; FTTX projects.	
Alex Chouinard - Director, Sales - Ontario Region (Transportation, Energy, and Public Sector) at Nokia. For the past 13 years, Alex has been involved with Nokia in sales and business development roles focused on developing IMS / VolTE / RCS / IP / MPLS / Optical / Microwave	



Discussion	Presenter
opportunities in the Canadian market. Alex started his career at Ottawa Hydro and holds a B.Eng. from Carleton University	
Lee Larue - VP, Sales and Engineering at Trispec Communications. Responsible for Sales, engineering and systems integration of wireless and wireline projects for the mobility, cable, ISP and carrier markets. Solutions include turnkey in-building and wide area wireless broadband deployments; FTTx / OSP builds; cell site design, staging and installation; engineered STB and modem solutions; as well as technology transformation of legacy cable and wireless infrastructures. Trispec is supported by three primary distribution and staging centers in Montreal, Toronto and Calgary and a national partner network fleet of over 300 vehicles. Coverage is Canada wide including remote locations in the northern territories.	
To register, click <u>here</u>	
Southern Ontario Angel Capital: Alliance Launch Event (Oct 10)  Please join us on Thursday, October 10th, for our official launch.	David Wright (AngelOne Network)
Collaborating as the Alliance, for much of the last year, it is now time to reveal our new name and new organization! Join us to learn more about the joint venture between Golden Triangle Angel Network (GTAN), Angel One and SWO Angels. We have come together to form one of the largest angel networks in North America, with almost 200 cheque-writing angel investors.	
Come celebrate our launch, and also an Investee Showcase of 20 portfolio companies, hear about their impressive progress and exciting new opportunities. Network with fellow angel investors and ecosystem partners. Enjoy food and beverages in a cocktail party atmosphere.	
When: October 10th, 6:00 pm – 10:00 pm (formal presentation at 7pm) Where: McMaster University Ron Joyce Centre, Burlington	
FHIR North 2019 (October 16)	Brian vanOosten
FHIR North is aimed at building awareness, knowledge and experience around the HL7 & FHIR healthcare interoperability standard in Canada. FHIR implementers will once again come together at Mohawk College in Hamilton, Ontario to develop and test innovative applications using the HL7 FHIR standards framework.	(Mohawk College)
Sponsors, exhibitors, and attendees now have the opportunity to support FHIR North. We hope you'll join us for two days of exploring, engaging, and innovating.	
Hold the date in late April for Apps for Health, one of Ontario's premier information-sharing, networking and recruiting events for digital health industries. This interactive event provides a valuable opportunity for professionals from healthcare, technology and education to come together to discuss current and emerging trends in health, technology, medical education, and entrepreneurship. Apps for Health is meant for attendees from the healthcare IT sector, including researchers, innovators and practitioners.	
McMaster University: Symposium on Therapeutics (October 16)	Gay Yuyitung (MILO)



Discussion	Presenter
McMaster University's Industry Liaison Office (MILO) is planning to hold a symposium on	
therapeutics on October 16 to showcase McMaster-affiliated startups in this space (e.g., <u>Fusion</u> ,	
Adapsyn, Turnstone, Triumvira, Empirica, etc.).	
Therapeutics Symposium hosted by McMaster University and the McMaster Industry Liaison	
Office (MILO). The event is invitational, and will be comprised of investors, government and non-	
profit representatives, and researchers/clinicians dedicated to therapeutic development. The	
symposium will focus on the process of commercialisation of the next generation of therapeutics being developed to address unmet clinical needs that was initiated by academic	
research, including by several McMaster start-ups.	
McMaster University and MILO are excited to be hosting a Therapeutics Symposium, focused on	
the next generation of therapeutics being developed to address unmet clinical needs.	
Agenda (Presentations and Panels)	
9:00am - 12:00 pm	
<ul> <li>Jerel Davis, Managing Director, Versant Ventures</li> </ul>	
<ul> <li>Iain Stewart, President, National Research Council Canada (NRC)</li> </ul>	
<ul> <li>Damian Lamb, Managing Director, Genesys Capital</li> </ul>	
David O'Neil, President, FACIT	
Brian Bloom, CEO, Bloom Burton & Co  TDA O	
TBA, Ontario Genomics     Palent Verbagen, CEO, Contro for Commercialization of Antihodics and Biologics	
<ul> <li>Robert Verhagen, CEO, Centre for Commercialization of Antibodies and Biologics (CCAB)</li> </ul>	
<ul> <li>Gail Garland, CEO, Ontario Bioscience Innovation Organization (OBIO)</li> </ul>	
<ul> <li>Allan Miranda, Head of JLABS Canada, JLABS, Johnson &amp; Johnson Innovation</li> </ul>	
1:00pm - 5:00pm	
<ul> <li>John Valliant, CEO, Fusion Pharmaceuticals</li> </ul>	
<ul> <li>Brian Lichty, SVP Basic Research, Turnstone Biologics</li> </ul>	
Andy Haigh, COO, Adapsyn Biosciences	
Sheila Singh, CEO, Empirica Therapeutics     Locathon Brancon CSO. Triumping Instrumentariae	
<ul> <li>Jonathan Bramson, CSO, Triumvira Immunologics</li> </ul>	
The event will be held on October 16th, 2019 at McMaster Innovation Park, and is by invite only.	
If you'd like to learn more, please contact Jae-Ho Yoo at <a href="mailto:yooj@mcmaster.ca">yooj@mcmaster.ca</a>	
<u>CIX 2019 Summit</u> (Oct 16-17)	Alex Muggah
	(Synapse)
CIX is Canada's largest curated startup investment conference. Invited attendees are founders of	
Canada's most innovative early and growth-stage tech companies and global investors and	
corporates. Invited attendees are founders of Canada's most innovative early and growth-stage tech companies and global investors and corporates.	
NEW for 2019 - CIX has added a curated program for growth and later stage companies, CIX TOP	
10 GROWTH. The original CIX TOP 20 EARLY will still focus on early stage companies.	



Discussion	Presenter
Save an extra \$50 off the current rate with VentureLab's partner code. You may register online	
and use the promo code CIX19PARTNERKICK, or reach out to Ben Soldinger at	
<u>bsoldinger@brunico.com</u> for further registration inquiries.	
Democratizing Medical Knowledge (Oct 17)	Alex Muggah (Synapse)
Dr. Joshua Landy discusses the value of social platforms for healthcare professionals	
Dr. Joshua Landy, Canadian critical care specialist and co-founder of mobile health start-up	
Figure 1, discusses the value of social platforms for healthcare professionals. Figure 1 is a free-	
access repository of medical cases available to the healthcare community, with 2.8M users in	
190 countries on iOS, Android, and the web. Dr. Landy will share the value of integrating	
networking technology into medical practice and discuss the promise, pitfalls, and pearls of	
crowdsourcing clinical knowledge.	
Driving the Future of Digital Health: Charting a Course to Consumer Health (Oct 21)	(Digital Health Canada)
We are at the cusp of unprecedented change in the way health services in Canada are delivered, personalized, accessed, and funded.	,
With an innovative, interactive format, Driving the Future of Digital Health is where new ideas and open discussions about digital health flourish. In its first year, Driving the Future of Digital	
Health attracted Toronto-area digital health professionals and organizations from a broad	
spectrum of sectors – traditional healthcare delivery, government, private industry, startups and	
scale-ups, innovation accelerators, and more. This year promises to deliver more of the same in-	
depth thought-provoking interactions and collaborations.	
To register, click <u>here</u>	
Product Development and Compliance Seminar (Oct 23 – Cambridge, Oct 24 – Toronto)	Taras Worona (Engineering
Engineering CPR will be participating in a seminar series in the KW and Toronto area and I feel	CPR)
the topics may be useful for your start-up community. The topics revolve around "Tips and	,
Tricks in Product Development and Compliance". There is no charge for the event and lunch and	
refreshments will be provided.	
CPR's presentation will be largely similar to the one that I did at the Velocity workshop talking	
about activities to think about when you do product development to ensure your product gets	
to market quickly, economically and survives in the market place with appropriate reliability and	
consideration for risk.	
Other presenters will cover areas of Safety & EMI compliance, Simulation and Environmental	
testing.	
St. Joseph's Celebrate Research Day (October 24 <sup>th</sup> )	Gail Martin
G. A. L.Z. WILL I. S. W. Eth.	(St. Joseph's)
St. Joseph's will be having it's 5 <sup>th</sup> annual celebrate research day. This provides an excellent	
opportunity for people to get a very clear snapshot of what's happening from a research	
perspective at St. Joseph's Healthcare. There will be poster presentations by investigators, graduates, and others. There will also be a cocktail reception afterwards. Electronic registration	
will be posted shortly.	
will be posted shortly.	



Discussion	Presenter
Gail Martin is looking for people who might be interested in acting as judges – if you're interested please reach out to (gmartin@stjoes.ca)	
Career & Calling: Redeemer College Networking EXPO (Oct 30 <sup>th</sup> )  Join us on Wednesday, October 30 for Career + Calling, a networking expo presented by	Sandy Ma (Redeemer College)
Redeemer's Centre for Experiential Learning and Careers (CELC).	
The event is an opportunity for employers and Redeemer students to discuss co-ops, internships, work-integrated learning and future careers. It is free to students. Employers, please register below.	
Second annual Made in York Region: The Future of Tech Event (Nov 7)  Join ventureLAB and the Regional Municipality of York for the second annual Made in York	Jane Gertner (VentureLab)
Region: The Future of Tech event, taking place on November 7, 2019. York Region is Canada's second-largest tech cluster — and this event highlights just some of the transformative products and solutions being built in our region. Experience the innovative and technological prowess of some of our region's top tech companies, network with the best and brightest of York Region's tech ecosystem, and participate in engaging programming.	
New this year, Made in York Region: The Future of Tech will feature a guided tour of two globally renowned tech companies in addition to showcasing over 30 start-up and scale-ups. This year's event also features a pitch competition, an engaging panel, and keynote panel challenging attendees to shift perspective on growth in the tech industry.	
Are you looking to get involved? Applications are currently open for exhibitor showcase spaces, and the pitch competition. <u>Visit the Made in York Region: The Future of Tech page</u> to learn more, or apply:	
Exhibitor Showcase - Application deadline: October 6, 2019 Pitch Competition - Application deadline: October 14, 2019	
Hacking Health Hamilton Hackathon (Nov 8 - 10)  Hacking health is an organization that brings together organizations to hack through a problem over the course of the week. The theme is going to be open — we're looking for companies to come with problems that are of interest to them.	Cynthia Lokker (Hacking Health)
We've has already had discussion with Hamilton Health Sciences (HHS) about pitch points to help build a team around. Reliq Health was an example of a company that came out of a hackathon.	
For more information, please contact Cynthia Lokker (lokkerc@mcmaster.ca)  Save 20% - CRISPR and Gone Editing: The New Frontier in Eighting Infectious Diseases? (New 12)	
Save 20% - CRISPR and Gene Editing: The New Frontier in Fighting Infectious Diseases? (Nov 12)  Few technologies have the potential to disrupt and eliminate infectious disease and viral infections— but gene editing, CRISPR in particular, is a latent technology that could change biotech— and we're just seeing the beginning of what effect it could have on the world.	



Discussion	Presenter
With scientific promise comes interest from investors — a surge of biotech startups are utilizing CRISPR technology for many different applications such as at-home testing, in-clinic uses, and more. "This incredibly powerful repurposing of the bacterial immune system has created an outpouring of financial backing for small companies with revolutionary technological advancement in genome engineering-based ventures."	
On November 12th, we will explore this subject with presentations from experts in the field, startup companies innovating in this space, and investors looking to invest in these new applications.	
To register, click <u>here</u> . Use discount code SYNAPSE to save 20%. For more information, contact Amanda Raponi ( <u>araponi1@its.inj.com</u> )	
<u>Learning from Failure in Health Care: A Critical Leadership Competence</u> (Nov 20)	Alex Muggah (Synapse)
Dr. Joshua Tepper shares why it is critical for health care organizations embrace these moments in order to continually improve	(cynapse)
Appointed President and CEO of North York General Hospital in 2018, Dr. Joshua Tepper has a wealth of situational leadership experience. Having spent decades in leadership positions, Dr. Tepper knows the importance of learning from difficult situations. Join Dr. Tepper as he shares why it is critical for health care organizations embrace these moments in order to continually improve.	
<u>Digital Transformations in Life Sciences</u> (December 4th)	Andy Donovan (LSO)
LSO's Annual Policy Forum, now entering its 10th year, brings together key stakeholders to strategize how we can accelerate our life sciences sector. The 2019 Policy Forum, "Digital Transformations in Life Sciences" features speakers from a broad spectrum of industry and government as well as robust opportunities for audience engagement.	(130)
Panel Session Topics Include:	
<ul> <li>Life Sciences Policy Past Federal Election</li> <li>Big Data- Unlocking the Opportunity</li> <li>AI, Machine Learning and Automation in the BioEconomy</li> </ul>	
Confirmed Speakers:	
<ul> <li>Sachin Aggarwal, CEO, Think Research</li> <li>Cindy Bell, Executive Vice President, Corporate Development, Genome Canada</li> <li>Abigail Carter-Langford, Vice President, Governance, Risk &amp; Compliance and Chief Privacy Officer, Canada Health Infoway</li> <li>Bill Dempster, President, 3Sixty Public Affairs</li> <li>Deborah Gordon-El-Bihbety, President and CEO, Research Canada</li> <li>Scott MacNair, General Manager, Stryker</li> <li>Michelle McLean, Senior Vice President, Health and Wellness, Hill+Knowlton Strategies Canada</li> <li>Seema Nagpal, Vice President, Science, and Policy, Diabetes Canada</li> </ul>	



Discussion	Presenter
<ul> <li>Dan Sinai, Senior Innovation Leader - IBM Canada Research and Development Centre</li> <li>Ryan Wiley, President, Shift Health</li> </ul>	
National Call for Applications – 3 <sup>rd</sup> Annual 2020 Niagara Investment Summit (Feb 5-7, 2020)  OBIO is pleased to announce a <u>national call for applications</u> from health science companies who are seeking Series A or beyond investments to participate in OBIO's 3rd annual <u>2020 Niagara Investment Summit</u> on February 5-7, 2020.  Building on the success of our 2019 Summit, featuring hundreds of company-investor introductions, the 2020 Summit will bring top-ranked global investors to Niagara-on-the-Lake, Ontario to meet with 30 of Canada's most innovative health science companies. The theme of the 2020 Niagara Investment Summit is the Future of Medicine. In company presentations & one-on-one meetings, the Summit will highlight Canada's most investable health sciences	OBIO
companies across therapeutic, medical device, diagnostic & digital health sectors.  Hamilton Health Sciences Foundation's Gala - Returning to LIUNA Station (March 7, 2020)  You are invited to join us for another amazing experience as we raise funds for vital research at Hamilton Health Sciences. Secure your sponsorship now for what will be an incredible evening of entertainment!	HHS
Our 2019 Gala sold out early. As you plan your 2020 budget, avoid disappointment by making your sponsorship commitment today. Contact Tamara Pope (popetamara@hhsc.ca) or Milaina Wright (wrightmila@hhsc.ca) for full details. View a listing of available sponsorship opportunities.	



#### Time allotted | 20 Minutes

#### Topic: Collaborate & Accelerate

Partnership opportunities, programming and resources available to the community, market gaps and challenges, learn about potential funding opportunities, discuss new RFPs issued, etc.

#### Discussion

Presenter

Synapse engages companies and organizations from outside the region that may be interested in engaging with the Hamilton ecosystem – including those that are seeking to establish a presence in Hamilton or that wish to partner with Hamilton resources and capabilities.

Alex Muggah (Synapse)

For more information about upcoming engagement, or for assistance in hosting inbound visits that may be of interest to the broader community, please contact Alex Muggah: Alex.Muggah@SynapseConsortium.com



#### Recent visits to/from Hamilton:

- Recent: MedTech Conference, Boston, MA (Sept 23-25). Synapse joined a
  delegation of more than 150 Canadian companies, government and other publicsector actors at the annual MedTech Conference in Boston. Synapse engaged in
  more than 20 one-on-one discussions with organizations from around the world in
  order to identify potential partnerships and collaboration opportunities. MedTech
  will be hosted in Toronto in 2020, and Synapse will be working with the organizers
  to ensure Hamilton's presence at this conference.
- <u>Recent</u>: Vietnam Ministry of Science and Technology in Hamilton (Sept 19). Synapse supported the City of Hamilton in hosting the Vietnam delegation as part of their larger 10-day trade mission where they will be visiting other ecosystems in the Southern Ontario region including Kitchener-Waterloo, Guelph, and Toronto. Synapse made a presentation on how to develop and plan policies to build an entrepreneurial innovative ecosystem.

### Upcoming site visits to/from Hamilton

- <u>Upcoming</u>: Ian Stewart, President NRC (Oct 16): Synapse will be taking part of a visit by NRC President to Hamilton. Mr. Stewart will be presenting at the McMaster Therapeutics Conference, as well as meeting with key stakeholders to identify opportunities to deepen connections and collaboration between firms and scientists in Hamilton with NRC research teams and infrastructure.
- <u>Upcoming</u>: Nordic Companies Site Visit to Hamilton (October 22-23): Innovation Norway and their Nordic partners are expected to bring 6-12 Nordic companies, as part of a visit to Ontario, looking to explore potential collaboration opportunities. This builds on existing <u>commercialization project</u> between Ably Medical and the GERAS centre
- <u>Upcoming</u>: EIT Health Go Global Canada 2019 (November). Thirteen innovative European SMEs will embark on a ten-day immersion roadshow in the fall to British Columbia, Ontario and Quebec. They will see meetings with local life science players KOLs, cluster, health systems and other stakeholders. Their objective is to increase visibility, understand local innovation trends and healthcare market access. GO GLOBAL aims to provide companies in medtech, biotech and digital health with the competence needed for international expansion.



Discussion	Presenter
Government of Canada invites small businesses to propose solutions for rising health concerns	Andy Donovan (LSO)
Through the <u>Innovative Solutions Canada</u> program, government departments are inviting small businesses to propose a new innovative solution that addresses a specific challenge they face. Successful small businesses may receive up to \$150,000 to refine their research and development and could, if accepted into Phase 2, receive up to \$1 million to develop a working prototype. The government can then act as a first customer, which helps small businesses to commercialize their innovations, scale-up their business and create good middle-class jobs across Canada.	
MGD Health Innovation, Commercialization and Entrepreneurship Fellowship (Oct deadline)	Leigh Wilson
The fellowship program is for post docs with an entrepreneurial spirt and desire to commercialize their research. The award value is \$60,000 per year plus training opportunities.	(MGDII)
The award is meant to go towards the completion of an MD or PhD in Engineering, Neurosciences, Biosciences or Computer Science. The application due date is October 2019, with an application form, CV and letter from propose supervisor to be submitted to	
To apply, or for more more information, please reach out to <a href="mailto:healthinnovation@mcmaster.ca">healthinnovation@mcmaster.ca</a>	
Accelerating Success for Women Entrepreneurs (ebook)  Over the past year Innovation Factory has built a library of blog posts, online resources, and templates to support the Accelerator for Women in Entrepreneurship program and captured it in the e-Book, Accelerating Success for Women Entrepreneurs.	Jennifer Gauvreau (iF)
iF_Hamont Accelerating Success for Women Entrepreneurs eBook is now available to read online or download. Check out all the great insights and knowledge in this eBook from the Accelerator for Women in Entrepreneurship: awe.innovationfactory.ca	
Read it online at ebook.innovationfactory.ca, or download the PDF here.	
2nd Collaboration Day Seeks New Supercluster Projects (Oct 2)	NextGEN
NGen is looking for companies who want to pitch an idea for a Supercluster project at CMTS. Next Generation Manufacturing Canada (NGen) will host its second call for Supercluster projects with a collaboration event to be held as part of this October's Canadian Manufacturing Technology Show in Toronto. Companies will present their project ideas from 3 to 5 PM on Wednesday, October 2 in a session open to all attending the high-profile industry show	Canada
The CMTS collaboration event will feature presentations by companies that have developed project ideas and are looking for partners to form a consortium to deliver the project. Projects generally require at least three partners, including an SME, to be eligible for Supercluster funding.	



Discussion	Presenter
HalTech and AngelOne: Investor Readiness Series (starts Oct 2)	David Wright
I just wanted to let you know that we are staring Investor Readiness Series on October 2nd. This program is designed and delivered by Angel One Investor Network. The program consists of five sessions to best support entrepreneurs in their path to becoming investor ready, built around 18 questions that an entrepreneur would go through to raise money or sell their company.	(AngelOne)
Each participant will receive a list of questions which will be individually addressed during the workshops. Each session will be set up as mock interview style to better facilitate in depth preparation and learning. Final session will be conducted as 'mock investment meeting'.	
If you would like to attend, please let me know ( <a href="mailto:david.wright@angelonenetwork.ca">david.wright@angelonenetwork.ca</a> )! You are welcome to join. See program agenda below:	
Session 1: October 2nd, 9-11am	
In the first session we will discuss forms of capital, deal room and go over 18 questions prepared by Angel One. This session will include introduction of the participants and presenters, DOs and DON'Ts of the proper conduct when engaging with investors, and general Q and A.	
Session 2: October 9th, 9-11am	
<ul> <li>Mock interviews/due diligence sessions with Angel Investors – we will address questions around Motivation/Idea</li> <li>Session 3: October 23rd, 9-11am</li> </ul>	
<ul> <li>Mock interviews/due diligence sessions with Angel Investors – we will address questions around Technology/Innovation</li> <li>Session 4: October 30th, 9-11am</li> </ul>	
Mock interviews/due diligence sessions with Angel Investors – we will address questions around Financials/Plan	
Session 5: November 6th, 9-11am	
<ul> <li>Mock investment meeting. Participants will be asked to "pitch their business" and receive constructive criticism – mentors are especially welcome!</li> </ul>	
TEDxMcMasterU – Applications Open for Key Leadership Positions (apply by October 6 <sup>th</sup> )	Mariya Leslie
Theme of TEDx will be Ambition, with the event to be held on December 13 <sup>th</sup> at the David Braley Health Sciences Centre.	(The Forge)
Want to make an impact on a globally recognized event? We are accepting applications for these positions. No McMaster affiliation is required. Imagine a day filled with brilliant speakers, though-provoking and mind-blowing conversation. TEDxMcMasterU is a unique event that will unleash new ideas, inspire and inform. This is your chance to be part of a globally recognized event.	



Discussion	Presenter
Apply by October 6  - Co-Chair  - Marketing Director  - Back of House Director  - Front of House Director  - Volunteer Director  Apply by October 13  - TEDx Speaker  - Photographer  - Videographer  - Artist, dancer, musician  - Master of Ceremonies  - Event Day Volunteers	
Apply now: <a href="mailto:www.tedxmcmaster.ca">www.tedxmcmaster.ca</a> Please contact Charmaine Tsang ( <a href="mailto:charmaine@tedxhamilton.com">charmaine@tedxhamilton.com</a> ) with any questions.  Apply: <a href="mailto:MaRS Healthy Neighbourhoods Data Challenge">MaRS Healthy Neighbourhoods Data Challenge</a> (deadline Oct 24)  Are you an innovator who can identify and/or create new data sets, data sources and methodologies to improve our understanding of physical environments and promote healthy living? Apply for the MaRS Healthy Neighbourhoods Data Challenge by October 24!	Alex Muggah (Synapse)
Alliance grants encourage greater collaboration in Canada's R&D system by providing support for projects that include both generators and users of research results and knowledge. Alliance is designed to be more responsive and flexible for our research community and to accommodate a broader range of partners. It also includes incentives for collaborations with small and medium-sized enterprises and multi-sectoral partnerships, and offers an accelerated means for projects to scale and grow.  A few key benefits:	Trish Barrow (NRC - Canada)
<ul> <li>Single point of entry to rapidly develop new partnerships, or facilitate the growth of existing research collaborations.</li> <li>Support for projects of different levels of scale and complexity, from new, short term, one-on-one collaborations, to larger multi-stakeholder research teams.</li> <li>Enhanced flexibility in the types of projects and partners, providing more opportunities for more innovative collaborations.</li> <li>Supports research focused on outcomes as well as the training of research talent in a multi-partner environment.</li> <li>Streamlined application process resulting in faster decision times, thereby supporting modern and fast-breaking research.</li> </ul>	
Alliance will be launched in a phased approach. On May 21st, Option 1 will be open for applications requesting \$150,000 or more annually from NSERC. Option 1 for applications	



Discussion	Presenter
requesting less than \$150,000 annually from NSERC, as well as Option 2, will be phased in gradually. Please continue to check the website for the latest information and sign up to the mailing list on the Alliance webpage.	
Transition plans for NSERC's previous suite Research Partnership programs	
Budget 2018 directed NSERC to consolidate its Research Partnership grants into a single grant program in an effort to modernize, simplify and improve the grants. As such, Alliance grants will consolidate Engage grants, Industrial Research Chairs, Connect grants, Strategic Partnership grants for Networks and Projects, Experience Awards, and Collaborative Research and Development grants.	
Government of Canada's Student Work Placement Program (SWPP)	Alex Muggah
Thinking of hiring a student studying in science, technology, engineering, mathematics or business student? You may be eligible to receive up to \$7,000 in wage subsidies! Check out the 10 employer delivery partners below. Access this funding for your next co-op hire!	(Synapse)
As part of the Government of Canada's Student Work Placement Program (SWPP), formerly known as the Student Work-Integrated Learning Program (SWILP), a variety of funding opportunities are available for employers to hire students for the purposes of experiential learning. This funding is being administered by Employment and Social Development Canada.	
Through SWPP, organizations within Canada that offer full-time employment opportunities between 12-16 weeks for full-time Canadian post-secondary students can receive wage subsidies:	
<ul> <li>up to 50% of the wage cost for the placement (up to a maximum of \$5,000 per placement) per student OR</li> </ul>	
up to 70% (up to a maximum of \$7,000 per placement) for under-represented students including first-year students, women in STEM, indigenous students, persons with disabilities and newcomers.	
Employment Opportunity - Eastern Health - Health Innovation lead in St John's NL	Marty Gurbin
The Innovation Division of Eastern Health is establishing a Living Lab to develop and implement innovative ideas, methods, technologies and devices that align with the organization's strategic vision and the Provincial Government's Strategic Direction for Better Health and Better Care for Individuals. The Living Lab will promote interdisciplinary and intersectoral collaborative research, open innovation and creativity. It will help create and redesign products and services, making sure to put users - patients and their families, the community, and health professionals - at the heart of the innovation process.	(Metamor Health)
Have posted position of Project Manager, who will be a champion for change and oversee all aspects of the project life cycle from inception to completion. This includes innovation/idea project intake, assessment and planning, negotiation and development of project contracts, project oversight, risk and issue management, communication and change management, and budget/resource management and allocation. The Project Manager will develop strong relationships with internal stakeholders at all levels of the organization and will build	



Discussion	Presenter
partnerships with external public and private stakeholders including entrepreneurs, vendors, contactors, private companies and Health Canada representatives in order to create and foster the implementation of innovative solutions.	
Apply: J&J Nurses Innovate Quickfire Challenge in Maternal & Newborn Health	Alex Muggah
Nurses around the world are invited to submit innovative ideas aimed at improving maternal & newborn care – including but not limited to neonatal care, obstetrics, and women's health. The nurse innovators with the best idea(s) will receive up to \$100,000 in grant funding, mentoring from experts across the Johnson & Johnson Family of Companies, and access to the Johnson & Johnson Innovation – JLABS ecosystem to help bring their ideas to life. In addition, nurses who are members of AWHONN will be recognized and receive complimentary access to the AWHONN 2020 Annual Convention in Phoenix, Arizona, provided by AWHONN.	(Synapse)
As innovators on the frontlines of healthcare, Nurses have the power to profoundly change lives. Johnson & Johnson has the scale, resources and know-how to help move them forward. Put these two together, and that changes everything.	
We are looking for ideas from practicing & retired nurses around the world focused on improving maternal and newborn health.	
Potential solutions will be evaluated by a panel of independent reviewers and judges on their ability to meet the following criteria:	
Uniqueness of the idea	
Potential impact on human health	
Feasibility of the idea	
<ul> <li>Thoroughness of approach</li> </ul>	
<ul> <li>Identification of key resources and plan to further idea</li> </ul>	
Hamilton Innovation Partnership Portal	Andrea Lee
Synapse has created the <u>Hamilton Innovation Partnership Portal (HIPP)</u> to make the process simpler and more streamlined to find new partners within Canada's leading health research and educational ecosystem.	(HHS)
It is a way for companies to interact with the Hamilton community. A streamlined approach, to have Synapse represent everyone. We've set up an intake form, and have asked companies to direct them to the portal. Synapse is working with HHS to test it out with companies right now, including getting the approach/questions right. This will be a sense of who wants to interact with the community, and then triage companies to relevant stakeholders within Hamilton.	
Portal is online through the Synapse website: <a href="http://synapseconsortium.com/partner/">http://synapseconsortium.com/partner/</a>	
MGDII Educational Webinars & DevTank Meetings	Sarrah Lal (MGDII)
Operating out of the Michael G. DeGroote School of Medicine at McMaster University, the Michael G. DeGroote Health Innovation, Commercialization & Entrepreneurship (MGDII)	(INGUII)



Discussion	Presenter
aims to accelerate the exploration of health innovation opportunities and creation of socioeconomic impact.	
Check out the full suite of programming <u>here</u>	
3i Ontario	Alex Muggah
	(Synapse)
Looking for resources to support your great idea for improving health and healthcare? This page lists a range of opportunities available to Ontario innovators and innovation champions, as well as recently published information and thinking related to health innovation. We focus on health technology, including digital health solutions, innovative medical devices, and more.	

