

Hamilton Health Innovation Check-up: Meeting Minutes

December 18th, 2017

STANDING AGENDA TOPICS:

- **Communicate:** share recent successes, upcoming events, innovation pipeline and new products, health innovation trends, etc.
- **Collaborate:** welcome new members to community, partnership opportunities, discover programming and resources available to the community, etc.
- **Accelerate:** discuss market gaps and challenges, learn about potential funding opportunities, discuss new RFPs issued, etc.
- **Other Business:** as required

Facilitator & Note Taker Alex Muggah, Synapse Consortium

Location McMaster Innovation Park, 175 Longwood Dr, 8:45-10:00am

Please note that 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:
<https://www.dropbox.com/sh/wszh8i2jq1sr03g/AACByBs-HmHVBI0ZIX5Hj7zEa?dl=0>

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: Alex.Muggah@SynapseConsortium.com. Updates will be reflected in a new section titled "Amendments from Previous Meeting".

Next Monthly Check-up: January 29th | 8:45 – 10:00am | McMaster Innovation Park

Please contact Alex Muggah at Synapse to be added to the meeting invite list / minutes distribution lists

Time allotted | 20 Minutes

Topic: **Communicate**

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

Discussion	Presenter
<p>McMaster University has earned top spot in Corporate Research Partnerships in the 2017 ranking by Research Infosource Inc., with \$479.5 million in grants or contracts between FY12-16, ahead of UofT and University de Montreal.</p> <p>McMaster is also the most research-intensive university, with 29.3% of total university research income coming from corporate partnerships, as well as having the highest research intensity (\$81,000) per graduate student.</p> <p>This research intensity showcases McMaster’s commitment to collaborating with private-sector partners to advance innovation, and demonstrates that their researchers are leaders in their field.</p> <p>To read more, go to Research Infosource top 50 University Rankings, here</p>	<p>Nick Markettos (McMaster University)</p>
<p>Hamilton Health Sciences ranked 4th in Research spending in Canada in 2016, spending \$171.5m on research, or more than \$400,000 per researcher. St. Hoseph’s HealthCare Hamilton spent \$26 m during the same period.</p> <p>To read more, go to Research Infosource Canada’s Top 40 Research Hospitals , here</p>	<p>Alex Muggah (Synapse)</p>
<p>The selection process for the Synapse Life Sciences Competition application period has concluded, and 16 companies have been notified that they have been selected to move forward. As well, Synapse was delighted to announce that Stryker Canada is now the title sponsor of the Synapse Competition</p> <p>The competition supports life science ideas and products to move from the lab into the market, by pairing innovators with business and entrepreneurship students. Teams compete for more than \$50,000 in prizes.</p> <p>The competition is still looking for additional students, who will be matched with innovators to support them in developing their business case and pitch presentation.</p> <p>For more information about the competition, please contact Elizabeth Thorson (elizabeth.thorsen@innovationfactory.ca)</p>	<p>Karen Linseman-Brown (Innovation Factory)</p>
<p>Innovation Factory was happy to report that Hamilton healthcare companies raised +\$60 million this year, including Fusion Pharmaceuticals \$40m, Reliq Health \$2m, Advanced Theranostics \$7m, and several others</p>	<p>Karen Linseman-Brown (McMaster)</p>

Discussion	Presenter
<p>Norwegian Minister of Health visiting Hamilton on January 24</p> <p>Hamilton Health Sciences and the GERAS Centre are hosting the Norwegian Minister of Health and Care Services; State Secretaries for Health and Care Services and Ministry of Trade, Industry and Fisheries; Norwegian Ambassador to Canada, and 20 individuals from government, Norwegian hospitals, healthtech companies, and universities</p> <ul style="list-style-type: none"> • The Norwegian ministries and the delegation want to develop an understanding of the Canadian healthcare system and health research innovation in Canada that will impact patient care. • The purpose of the visit is to gather information on health technology in connection with the future publication of a governmental white paper on health industry. • Executives, health care providers, and patients from Canadian hospitals; healthcare companies, and academic institutions will be attending to network with the delegation and provide the delegation with a comprehensive experience of current state of Canadian healthcare. • Showcase Hamilton as a hub for health technology and a testing ecosystem that can bring innovative health care products to our patients. <p>Goals for the Visit</p> <ul style="list-style-type: none"> • Showcase Canadian healthcare innovation with a focus on seniors care. • Exploring points of collaboration between Norway and Canada for research and commercialization activities. • Showcase the ABLY Bed project as an international collaboration between Norway and Canada. The project aim is to work with health professionals, patients, and researchers to develop the next generation hospital bed that redefines what a hospital bed can be. 	<p>Alex Muggah (Synapse)</p>
<p>Geriatric Education and Research in Aging Sciences (GERAS) working with Ably Medical</p> <p>GERAS and HHS have been working collaboratively with the Norwegian company Ably Medical on the Ably Bed Project, a showcase of an international collaboration between Norway and Canada. The project aim to work with health professionals, patients, and researchers to develop the next generation hospital bed that redefines what a hospital bed can be.</p> <p>GERAS Centre is located in St. Peter’s Hospital, and their research focuses on improving quality of life, accelerating innovative solutions, and programs to support seniors and families. Through its Living Lab, the GERAS team of geriatricians, research scientists, and cross-disciplinary researchers work together with patients, families and community/industry partners to co-create innovative solutions that enhance patient care and quality of life.</p>	<p>Alex Muggah (Synapse)</p>

Discussion	Presenter
<p>Unlock Your Big Idea Pitch Competition</p> <p>A pitch competition for Western GTA companies, the Ontario Network of Entrepreneurs (ONE) Partners in Peel are pleased to announce the 3rd annual Unlock Your Big Idea Pitch Competition, where companies can win a \$10k prize.</p> <p>The UYBI Pitch Competition provides entrepreneurs in the West Greater Toronto Area with the opportunity to win a share of funding and mentorship through the Ontario Network of Entrepreneurs.</p>	<p>Alex Muggah (Synapse)</p>
<p>Ecosphere Showcase – January 23rd</p> <p>Six Hamilton companies will be showcased at the Health Ecosphere Showcase event on January 23rd</p> <p>The event, sponsored by York University, Southlake Regional Health Centre, University Health Network and TELUS, to showcase the innovative projects being developed with the support of the Health Ecosphere Innovation Pipeline Project. It will be of direct interest to technology companies, industry and government leaders, healthcare providers and university and private sector innovators engaged in the health technology marketplace.</p> <p>We are looking to create new B2B connections/market opportunities for participating companies and technologies and to showcase the ground-breaking work being supported through the Health Ecosphere collaboration using an innovative approach called Speed Geeking</p> <p>For more information about the Ecosphere: http://health-ecosphere.com/ To register click here</p>	<p>Alex Muggah (Synapse)</p>
<p>McMaster 2018 Innovator Series: MGDII Innovator Series: Commercialization Journeys (Feb 14)</p> <p>Given the amount of research and innovation at McMaster University, is there time to pursue entrepreneurship and commercialization? Join Dr. Sheila Singh, a pediatric neurosurgeon and researcher, and Dr. Heather Sheardown, a chemical engineering professor and world-renowned expert in ophthalmic biomaterials, share how their research-intensive academic careers evolved to encompass entrepreneurship and commercialization. Pizza and refreshments will be provided.</p> <p>Register here</p>	<p>Sarrah Lal (McMaster MGDII)</p>
<p>Innovations in the Science of Cannabis Conference - February 9-10, 2018</p> <p>The event will feature researchers and clinicians from the Centre as well as institutions from across North America. The list of institutions represented includes: Dartmouth Geisel School of Medicine, the National Institute on Drug</p>	<p>Sarrah Lal (McMaster MGDII)</p>

Discussion	Presenter
<p>Abuse (NIDA), Oregon Health and Science University, Columbia University, the Centre for Addictions and Mental Health (CAMH), Indiana University, the Canadian Centre on Substance Use and Addiction, Dalhousie University, the University of Guelph and McGill University.</p> <p>For more information please see below and contact cmcr@mcmaster.ca. If you wish to attend the event, please register. To submit a poster submission click this link</p>	

Time allotted | 20 Minutes

Topic: **Collaborate**

Partnership opportunities, programming and resources available to the community, etc.

Discussion	Presenter
<p>Rob Fischer from Focal Point Research is interested in engaging partners in the community. Focal Point offers a range of services to help life science companies bring products to market.</p> <p>He has experience with cosmetics, drugs, nutritional supplements, medical devices, and with helping companies to get Health Canada and FDA regulatory approval. They have served multinationals with a specific project and single-person entrepreneurs.</p> <p>Focal Point is particularly interested in supporting entrepreneurs, given the energy and speed with which they are able to move, and the opportunity to make a significant impact.</p> <p>To learn more, contact Rob via Focal Point: www.focalpointresearch.net</p>	<p>Rob Fischer (Focal Point Research)</p>
<p>Ron Kazarowski, an Innovation Factory Executive in Residence (EIR) noted his interest in supporting entrepreneurs in the community. In addition to being an EIR, he has experience running Hewlett Packard engineers in Canada, leading three businesses (consulting and development), expertise in cyber security and risk management, as well as aging at home for seniors (using block-chain models)</p>	<p>Ron Kazarowski (Innovation Factory)</p>
<p>Hamilton Health Sciences (HHS) Katie Porter spoke about their participation in a FedDev funding opportunity, in which 6 companies are working on commercialization projects in concert with HHS and St. Joseph’s Hospital, Hamilton.</p> <p>This represents one channel by which HHS is engaging the OCHIS innovative procurement program, as the HHS procurement team seeks ways review and execute procurement in more innovative manner and through the frame of value-based delivery. HHS is working on grass-roots process around a value-based problem solving group that is trying to identify opportunities that could be sourced internally or to local entrepreneurs, and then provide support to navigate the procurement process.</p> <p>Other communities are doing it well, such as Southlake Hospital in Newmarket, which has an innovation arm and a clear vision. Hamilton is starting to get the message out to start-ups that we are open to transformative innovation as a means to deliver care.</p>	<p>Katie Porter (Hamilton Health Sciences)</p>

Discussion	Presenter
Also impressed by CAHO innovation task force, and Ontario Innovation Brokers. They are curating projects and vetting them by many academic hospitals.	
OBIO CAAP call for application (9email)	

Time allotted | 20 Minutes

Topic: **Accelerate**

Market gaps and challenges, learn about potential funding opportunities, discuss new RFPs issued, etc.

Discussion	Presenter
<p>Forge Student Startup Competition application period opens up January 7th</p> <p>The Forge@Mac Student Startup Competition will take place on March 22, 2018 this year and awards McMaster student entrepreneurs with \$100,000 in cash prizes and automatic entry into one of The Forge's incubator and Summer Accelerator program.</p> <p>Any current McMaster student or alumni who graduated after March 22, 2017 are eligible to apply. If you have an idea, a targeted audience and potential solution, don't delay and apply now for the chance to turn your startup dream into reality.</p> <p>To participate, please reach out to the Forge at info@theforge.mcmaster.ca</p>	<p>Jonathan Boulanger (Forge)</p>
<p>MaRS Medtech Reimbursement Intensive, is a free-form for medical technology entrepreneurs to help them enter the market.</p> <p>This course provides entrepreneurs with the necessary knowledge of medical markets in six markets: France, Germany, the United States, the United Kingdom, Australia and Canada.</p> <p>It covers the reimbursement landscape of these markets, evidentiary requirements for new products and the role of health technology assessment organizations in the adoption of new technologies.</p> <p>https://www.marsdd.com/collections/medtech-reimbursement-intensive/</p>	<p>Alex Muggah (Synapse)</p>
<p>3i Ontario, lists grants, funding and partnership opportunities for life science companies</p> <p>3i Ontario is maintained by Azimuth Health Group, an Ontario Innovation Bbroker</p>	<p>Alex Muggah (Synapse)</p>
<p>True North Waterloo: "We Built This" Showcase Application Canada has amazing tech and we want to show it off. The "We Built This" Showcase will feature emerging, interactive Canadian technology To learn more: http://truenorthwaterloo.com/conference/showcase/</p>	

Hamilton Health Innovation: Calendar Highlights

January

- January 7th: Forge [Student Startup Competition](#) application period opens
- January 11th: [Use of Cost-Effectiveness Analysis in Surgical Clinical Research](#) (hosted by HLA)

February (and beyond)

- February 9-10: Innovations in the Science of Cannabis Conference
- February 15: Innovation Open Mic @ Mohawk College (presented by Synapse & HHS)
 - Come hear stories about the leading edge of health innovation and collaboration at the 2nd Innovation Open Mic, hosted by Mohawk College

March (and Beyond)

- March 27-30, [annual e-Health Conference and Tradeshow](#)
- MARCH 5-9, 2018 [HiMSS Annual Conference & Exhibition 2018](#)
- March 27-28: [CTO 2018 Clinical Trials Conference](#) (hosted by Clinical Trials Ontario)
- March 28: Synapse Competition, presented by Stryker Canada
- April 23-29: Hamilton Health Innovation Week
- April 23: McMaster VC Venture Fair (McMaster)
- April 25: [Apps for Health](#) (Mohawk College)
- April 26: [FHIR North](#) (Mohawk College)
- May 4: Annual Medical Imaging Informatics & Teleradiology Conference (MIIT)
- June 19: [MedEdge Summit 2018](#)