



Michael G. DeGroote  
Health Innovation, Commercialization & Entrepreneurship

# Synapse Life Science Consortium

## MGD Health ICE Update

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## MGD Health Innovation, Commercialization & Entrepreneurship

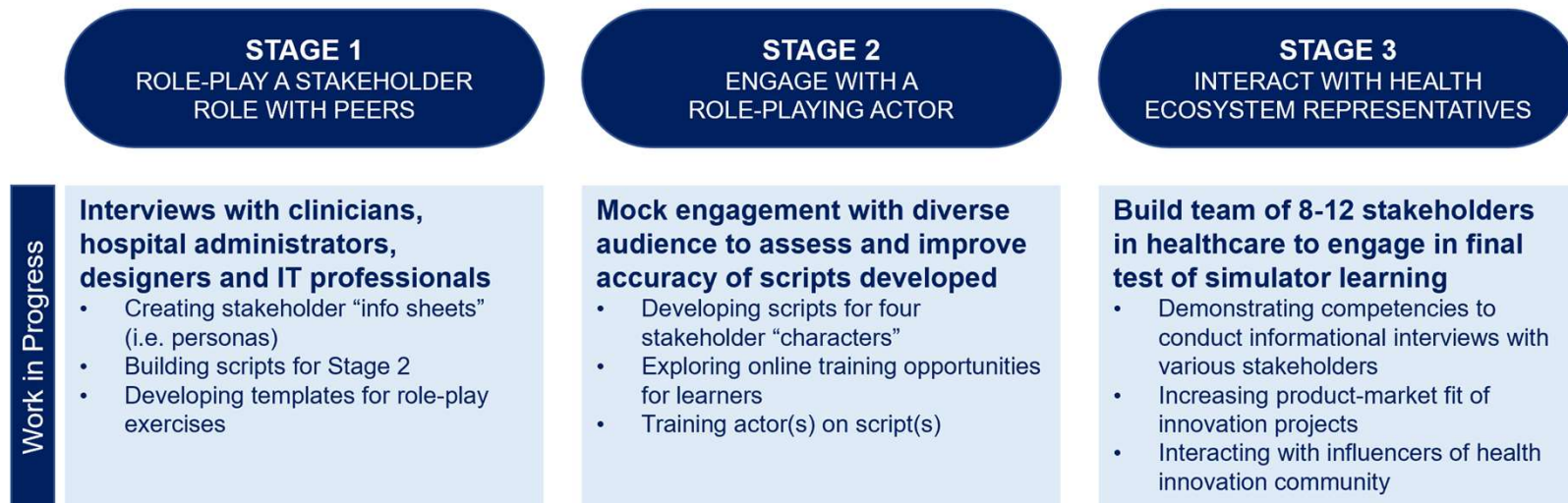
Building a culture of health entrepreneurship at McMaster University through **education, networks and an innovation space**

## MGD Health ICE Education

- **Innovation Simulator**
  - Learning tool to train health innovators on stakeholder interests
- **Health Venture Program**
  - Online and in-person learning to assess commercialization potential of ongoing projects
- **Embedded Health Entrepreneur Program**
  - "Innovators in Scrubs" learning model
  - Clinical leads and learners (graduate/undergraduate students, medical residents/students)

# INNOVATOR SIMULATOR

*Understanding perspectives involved in the design,  
creation and launch of new digital innovations in hospital settings*



**Seeking:** Health ecosystem representatives (various) to discuss accuracy of stakeholder scripts developed during live demonstration at the end of March 2020

## Health Venture Program

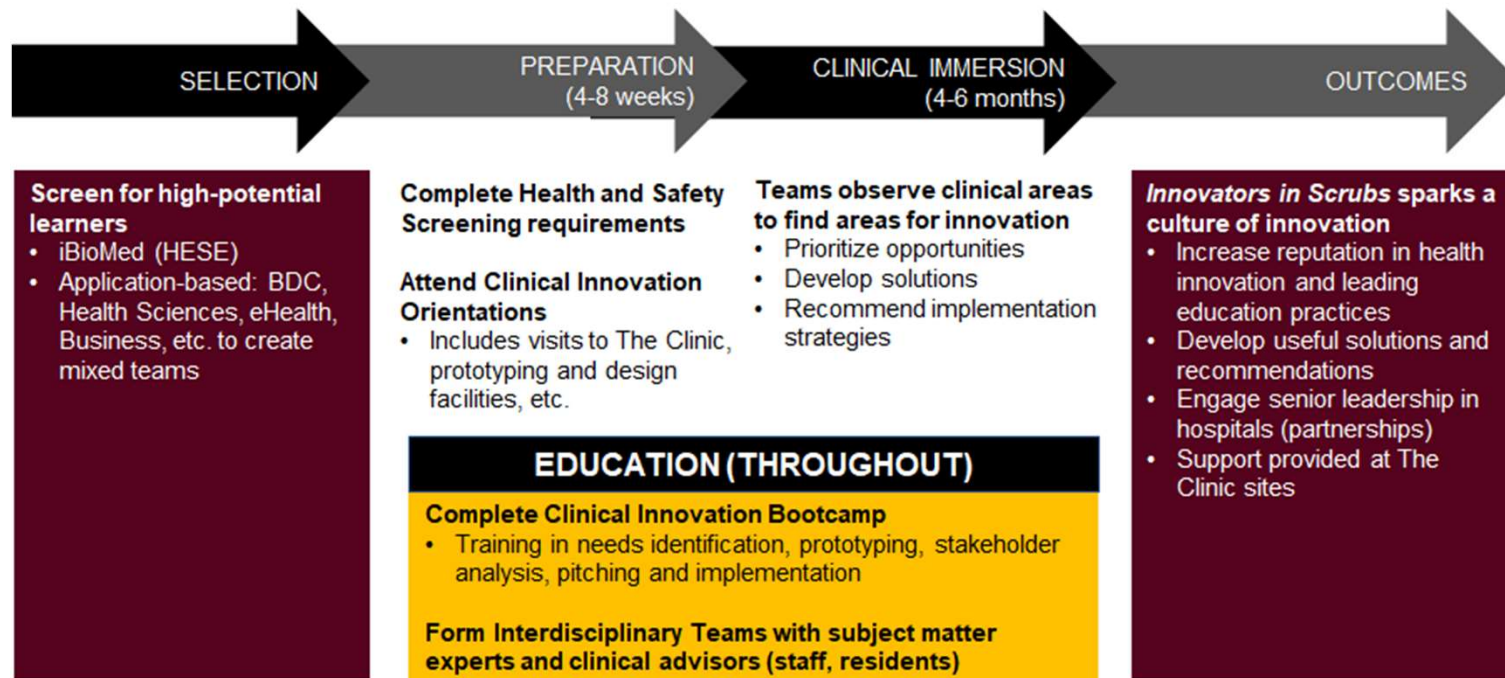
- 16-week program spans six modules
- Micro-credentialing and certificate/diploma in development

Brings together various learners\* to **explore the commercialization potential** of research projects and innovative ideas in healthcare.



\*Clinicians, Researchers, Students, Entrepreneurs and Industry Professionals

# Embedded Health Entrepreneur Program



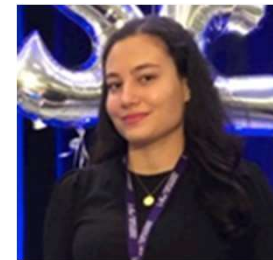


## Embedded Health Entrepreneur Program

Learning includes...

- Needs finding and prioritization
- Human-centered design
- Health systems: structure and funding
- Prototyping device, process and application-based solutions
- Implementation strategies
- Procurement and co-development strategies

**Currently seeking hospital representatives to facilitate team-based learning opportunities in Fall 2020 and Winter 2021**





# Michael G. DeGroote Health Innovation, Commercialization and Entrepreneurship Network Creation & Innovation Space

## 1. Clinicians and Engineers Networking Event

Engaging clinicians interested in innovation in our community

## 2. The Clinic

Physical location of Health Innovation Centre opening Summer 2020

## 3. MGD Health ICE Fellowship

Funding available for Post Doc Fellows with entrepreneurial spirit and desire to see scientific research applied



# MGD Health ICE Fellowship

## Purpose:

- Provide McMaster Post Doc Fellows with the opportunity to pursue leading-edge research, complemented by experiential learning, team building, and venture development
- Fellows will be encouraged to validate potential application of academic discovery through education and mentorship in topics including market analysis, strategic business plan development, intellectual property (IP) protection, venture capitalism, and investor pitch deck creation
- Fellows will have access to a range of leaders from academia, industry, and government, who will serve as advisors and partners

**2020 Cohort of 7 Fellows underway, call for  
2<sup>nd</sup> Cohort expected in Summer 2020**

# Clinicians and Engineers Networking Event



- Took place January 14<sup>th</sup> 2020, David Braley Health Sciences Centre
- 110 attendees, including 50 clinicians from McMaster, Hamilton Health Sciences and St. Joseph's Hospital
- Featured welcomes from Deans of Health Sciences and Engineering, brief panel on the importance of clinicians as part of a health start-up team, and **networking**
- Have received positive feedback, outcomes:
  - Discussions around collaboration underway
  - Created awareness of MGD Health ICE among clinicians
  - Identified group interested in being part of health innovation teams

# The Clinic: McMaster Health Innovation Centre

Physical space for MGD Health ICE offerings, seminars, 'expert' office hours, and resident teams



Space includes:

- Boardroom
- Large classroom
- Small meeting rooms
- Hotel space for resident companies
- Office space for MGD Health ICE employees and visiting experts

# Michael G. DeGroote Health Innovation, Commercialization and Entrepreneurship

## Next Steps:

### 1. Recruit initial Clinic Residents

Small number of teams working on health innovation projects as proof of concept over Summer; will be formalizing a request for projects in Fall/Winter

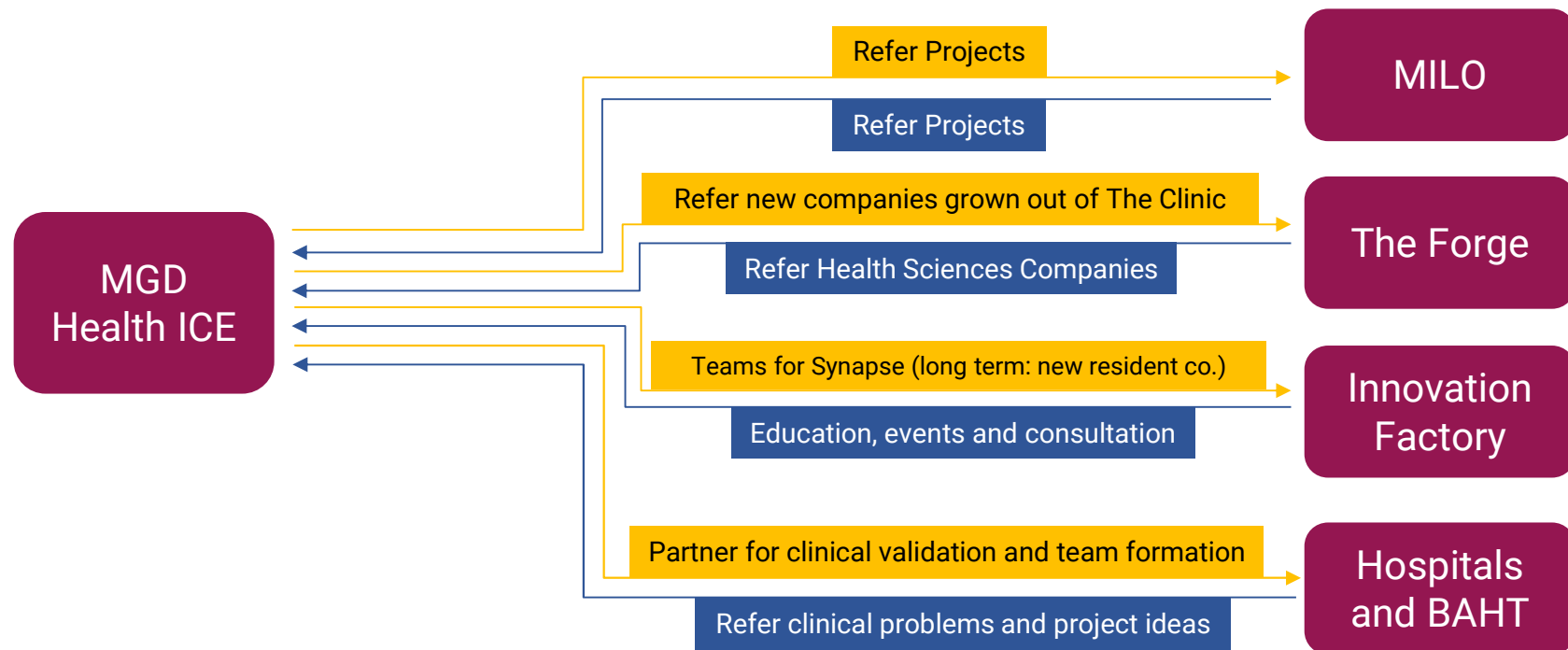
### 2. Engage Advisors/Mentors

Tap into clinician connections; looking for professionals interested in roles such as general advisors (office hour format), specific team advisors and EIR

### 3. Satellite Clinic to open at St. Joseph's Hospital (Date TBD)

Space to meet, connect, host educational seminars, and virtually connect to McMaster Clinic

# Collaboration: Where do we fit in?





# Synapse Life Science Competition: Mentor Networking Opportunity



Wednesday, March 25

4:00 – 9:00 PM

Those interested in mentoring in the Hamilton Life Sciences community will be encouraged to participate in the mentor and mentee networking opportunity from 4:00 – 5:00 PM.



# MGDI

## Health Innovation, Commercialization & Entrepreneurship Programming

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