June Update

June 13, 2018: Ninth Meeting of Cabinet; and, June 25, 2018: Strategic Planning Session

In attendance: Members of the Cardiac Sciences Research Cabinet: Alex Clark, Jason Dyck, Justin Ezekowitz, Mike Hanninen, Mishaela Houle, Evan Lockwood, Michelle Noga, Dylan Taylor, Mona Pattison (Coordinator) & Bill McBlain (Chair); Darren Freed, Finlay McAlister and Steve Meyer were unable to attend.

The Idea/Focus: To Establish a Plan to Achieve Enhanced Integration and Collaboration in Cardiac Sciences Research in Edmonton (and Northern Alberta)

Developing the Plan for Enhanced Integration & Collaboration

To Advance a Plan:

- The draft Strategic Roadmap developed at the April 23rd Planning Session was revised from input received at the June 25th Session (see attached PDF)
- The SWOT assessment was also updated at the June 25th Session, to inform future work
- The process of developing the draft Strategic Roadmap has suggested some future directions:
  - The “Unified Strategic Plan” asked of Cabinet can be derived from the Roadmap
  - The requested, now draft, Asset Map can be further developed as an Action/Implementation item within the Strategic Plan
  - A single Cardiac Sciences Research “Entity” is promoted for Edmonton (and Northern Alberta)

Topics & Discussions:

1. “What do you do with an idea?”
   - Move it forward – see the attached PDF of “Progress & Next Steps – Time-Line & Activities”
   - Address Areas of needed “roadway Construction:”
     - The name/designation of the “entity”
     - Appointment of the “Lead” person for the “entity”
     - Elucidation of an appropriate governance for this “entity”
     - Identification of resources to support the “entity”
   - Hold a Town Hall (Fall 2018) to “Socialize” the overall plan and the Strategic Roadmap (and possibly a draft Strategic Plan) to a wider audience of cardiac sciences people and other stakeholders

2. Framing the Future:
   - Promote the emergence of the single Cardiac Sciences Research “Entity” for Edmonton & Northern Alberta
   - Continue to communicate the activities and vision of the Cardiac Sciences Research, Edmonton & Northern Alberta, initiative at: https://www.ualberta.ca/medicine/research/cardiac-sciences-research-cabinet or https://www.albertahealthservices.ca/research/Page15821.aspx.
**Goals**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Research &amp; Innovation</strong> The outputs from Cardiac Sciences Research, Edmonton, same hires, improve GOL, and confirm VEGF Cardiac as world-class. Include patient outcomes.</td>
<td>- Single recognizable brand (Suggest: brand include cardiovascular not just cardiac sciences).</td>
<td>- Strength in basic cardiac sciences research continues to grow.</td>
<td>- Financial support for existing Pillar I cores and services not already covered by the FoMD.</td>
<td>- Discovery-based and targeted funding across all Pillars.</td>
<td>1. Pillar I IV, VEG leads nationally and internationally on coronary per capita funding, publications, citations, awards, etc. 2. Pillar II IV research is driven by discovery-based funding as well as by targeted funding. 3. Unified sense of self for Northern Alberta (and Red Deer). 4. Strong health services research arm that takes advantage of unified health system and Connect Care and has impact on patient outcomes and health economics. 5. Established research priorities. 6. Clinically relevant, comprehensive and integrated database.</td>
</tr>
<tr>
<td><strong>Leadership</strong> Single front-door to Cardiac Sciences Research, Edmonton, underpins expanding reputation and increasing research revenues.</td>
<td>- Cardiac sciences research encompasses both cardiac research specific to Pillars I to IV as well as the powerful potential of interdisciplinary lines of inquiry.</td>
<td>- Focused on education.</td>
<td>- Cardiac Cabinet develops draft structure. Socialize draft structure. Influence of the leaders within the Institute; encourage everyone in the system to lead.</td>
<td>- Obtain organizational approval from FoMD/AHS. Develop governance structure. - Individual research groups commit to research structure.</td>
<td>7. Frontline participates in the research agenda (patients, provider, policy-makers, researchers in the area). 8. Transitional multi-disciplinary teams (bench, bedside, boardroom).</td>
</tr>
<tr>
<td><strong>Branding &amp; Fundraising</strong> Global recognition for Cardiac Research, Edmonton, establishes a research funding imagine.</td>
<td>- All Foundations need to align in a single Edmonton council for funding (consider re-phrasing/potentially too simplistic).</td>
<td>- Jointly fund research.</td>
<td>- FoMD and Foundations will collaboratively support research under the Edmonton Research enterprise.</td>
<td>- Develop branded fundraising campaign.</td>
<td>9. Improved output (grant funding, publications, patients, start-ups).</td>
</tr>
<tr>
<td><strong>Asset Optimization</strong> Integration of people, expertise, &amp; facilities across the Edmonton cardiac research domain.</td>
<td>- All Foundations working towards a unified goal and support of Pillars I to IV research.</td>
<td>- Tangible recognition and sharing of the value of AHS/Edmonton / potentially too schematic.</td>
<td>- Seeks buy-in from individual foundations (UH, RAH, AHF, FoMD, Covenant, UofA Foundation, Children’s Hospital, AHS). Create a team to administer/lead fundraising. Explore government and private industry funding opportunities.</td>
<td>- Develop branded fundraising campaign.</td>
<td>10. Every cardiac patient in the Region is in Research (Registry, biobanks, RCT). 11. A single research entity for Cardiac Sciences in Edmonton Zone with a goal of excellence. 12. Culture of collaboration and excellence - build family.</td>
</tr>
<tr>
<td><strong>Education &amp; Mentoring</strong> Edmonton cardiac sciences environment nurtures trainees &amp; faculty.</td>
<td>- Capitalize on existing programs in the area.</td>
<td>- Research opportunities in Cardiac Sciences increase without erosion of control for any long-standing brands.</td>
<td>- Two yearly public cardiac research forum. Research mail-outs on outcomes of trials run in Alberta.</td>
<td>- Broad screening by research coordinators for eligibility (e.g., registry + RCT, etc).</td>
<td>13. &gt; $50M endowment. 14. Being #1 when you go on a search engine. 15. Institute has a developed a recognized brand. 16. Coordinated communication plan including social media. 17. Highlight what Institute's unique strengths and what other's aren't.</td>
</tr>
<tr>
<td><strong>Clinical</strong> Research &amp; clinical talent generate premier cardiac care.</td>
<td>- Research opportunities in Cardiac Sciences increase without erosion of control for any long-standing brands.</td>
<td>- Culture of learning and growth.</td>
<td>- Identify a list of mentors with a proven track record. Support in line with project objectives (e.g., time, $, lab).</td>
<td>- Engage patients in trial oversight (ombudsman).</td>
<td>19. Every patient in Edmonton should be a research participant. 20. Train all patient researchers. 21. Every staff member and physician working in Cardiac Sciences participates in research.</td>
</tr>
</tbody>
</table>

**Key Strategic Steps**

- Develop a robust Systems Integration framework.
- Streamline research and ethics processes.
- Develop a team to administer/lead fundraising.
- Create a single research entity for Cardiac Sciences in Edmonton Zone with a goal of excellence.
- Institute has a developed a recognized brand.
- Being #1 when you go on a search engine.
- Institute has a developed a recognized brand.

**Objectives:**

- Specific & Measurable.

**Vision 2023**

- Objectives: Specific & Measurable.
- 1. Pillar I IV, VEG leads nationally and internationally on coronary per capita funding, publications, citations, awards, etc.
- 2. Pillar II IV research is driven by discovery-based funding as well as by targeted funding.
- 4. Strong health services research arm that takes advantage of unified health system and Connect Care and has impact on patient outcomes and health economics.
- 5. Established research priorities.
- 6. Clinically relevant, comprehensive and integrated database.

**Key Strategic Steps**

- Develop a robust Systems Integration framework.
- Streamline research and ethics processes.
- Develop a team to administer/lead fundraising.
- Create a single research entity for Cardiac Sciences in Edmonton Zone with a goal of excellence.
- Institute has a developed a recognized brand.
- Being #1 when you go on a search engine.
- Institute has a developed a recognized brand.

**Objectives:**

- Specific & Measurable.

**Vision 2023**

- Objectives: Specific & Measurable.
- 1. Pillar I IV, VEG leads nationally and internationally on coronary per capita funding, publications, citations, awards, etc.
- 2. Pillar II IV research is driven by discovery-based funding as well as by targeted funding.
- 4. Strong health services research arm that takes advantage of unified health system and Connect Care and has impact on patient outcomes and health economics.
- 5. Established research priorities.
- 6. Clinically relevant, comprehensive and integrated database.