Centre for Bioengineering & Biotechnology
Operational Steering Committee

MINUTES
Monday April 10, 2017
9:00 – 10:30 am, East Campus 4, Room 2101 Boardroom (EC4-2101)

Attending: Catherine Burns, Safieddin Safavi-Naeini, Trevor Charles (until 10:10), John Yeow, Karim Karim, Melanie Campbell, Shirley Fenton, Chekema Prince, Krystina Bednarowski, Mei Lin Chen (student rep)
Regrets: John Yeow, Brendan McConkey, Marc Aucoin (sabbatical)

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<tr>
<th>TIME</th>
<th>ITEM</th>
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<tbody>
<tr>
<td>9:00</td>
<td>Welcome, Overview of Agenda &amp; Materials</td>
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<td>9:10</td>
<td>Items:</td>
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<td>1. Administrative</td>
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<td>- Welcome to Operations Committee new member</td>
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<td>- Board of Directors and Advisory Board new members (Krystina)</td>
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<td>- University Centre progress (Catherine)</td>
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<td>- WCMR progress (Trevor)</td>
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<td>2. Discussion: Marketing Materials (Krystina)</td>
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<td>3. Discussion: GRH Relations (Ethics, CHR prep, relationship building) (Keyma)</td>
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<td>4. Discussion: Student Networking events (Mei)</td>
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<td>5. Proposals progress (discuss if time or interest)</td>
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<td>- JPI Call with Twente/Oulu (submitted)</td>
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<td>- Forminnov Grant with Sorbonne (awarded 130k)</td>
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<td>- 2 NSERC CREATEs going to LOI</td>
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<td>6. Spring/Summer activities (discuss if time or interest)</td>
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<td>- April 11 Bioinnovations Seminar (Shirley)</td>
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<td>- May 15 Medtronic Canada (Shirley)</td>
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<td>- May 31 WWCRQI – Waterloo Wellington Clinical Research and Quality Improvement Symposium (McMaster/UW) (Keyma)</td>
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<td>- Jun 14 MedTECH with GRH/Freeport (Keyma)</td>
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<td>7. Round table updates</td>
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<td>10:30</td>
<td>Adjourn</td>
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- Introduction of new student rep on Operations Team; Mei Lin, Masters Student, Systems Design Engineering. Supervisor Ning Jiang.
- Board of Directors – Andrea Edington, Pharmacy, previous experience on Biomedical Ethics Committee. Retiring, Jan Huissoon, MME, Tyler Whale, OAFT.
- Advisory Board – Gail Garland, OBIO, Barb Paladus, Finesse. Waiting on Josie D’Avernas
- CBB research group names – more relatable to industry terminology. Refresh and update to our one-pagers.
- GRH discussions on ethics survey to be sent to researchers, and advanced planning for grant applications. Developing relationships with Cambridge and London hospitals, Hamilton Health Sciences
- Building community with CBB students (Mei) mixer planned in Healthcare Technologies (researcher, students) to present and discuss with the group. Panel talk about Life in Academia – from new hire, professor, research hospital scientist, industry, start-up. Building more online presence on CBB website, help discover their interests better.
- International relationships – joint Twente proposal submission for technology for aging and place. Sorbonne awarded a grant to use to exchange students between schools. IRPG proposal to help support this on UW side.
- Grants – NSERC CREATE – Trevor’s group asked to resubmit. Biomedical Technology Catherine PI, including Sorbonne relationship in proposal.
- Nestle Canada – looking to build research lab in Toronto. Mitacs, Communitech involved to help foster relationship.
- Waterloo Wellington Clinical Research and Quality Improvement symposium driven by McMaster School of Medicine for the past 4 years. Looking to bring together local community. Overflow into UW Pharmacy. Abstracts open until April 28.
- CCCARE undergoing service fee structure for research facility access. Julia Fraser, operations and booking contact. Toronto Rehab had commented that CCARE has a lot of equipment that they didn’t have. Lots of research space for clinicians and patients.

Action items:

- University Application Report to Bruce Muirhead and John Thompson. SGRC followed by Dean’s council.
- Work on submitting an IRPG-EU proposal with Sorbonne for Spring submission.
- Grand River Hospital – need wording from them to include in researcher grants that explains their role better – sell themselves as a community hospital not a research hospital. Freeport is one of the top rehabilitation clinics in southern Ontario. GRH underselling themselves, proto-calls around medical education and text researchers can use for their grants.
- Waiting for Josie D’Avernas to reply back on Board involvement.
- Dairy Quality info to Ali and Karim (Shirley).
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Status Report

Centre Updates:
- Website: Board of Directors and Advisory Board members updated on website.

Company visits and events: (November 30 onward)
  - Dec 14 – Pizza with the Prof (GRH): Brain Computer Interfaces for Motor Rehabilitation", Ning Jiang
  - Jan 11 – Pizza with the Prof (GRH): Lora Giangregorio, Associate Professor, Kinesiology, "Osteoporosis: Management Through Exercise"
  - Jan 16 - Frank Naus, Vice President, Research, Hamilton Health Sciences Corporation meeting and presentation
  - Jan 25 - CBB Workshop: UWaterloo Intellectual Property Copyright
  - Feb 6 – Pizza with the Prof (GRH): Susan Leat, Professor; Head of Residencies, School of Optometry and Vision Science, "Low Vision & Hospital In-patient Falls"
  - Mar 5 – Dairy Quality Inc Meeting (early detection-on farm for bacteria, test-kit scaleup)
  - Mar 8 – Pizza with the Prof (GRH): Don Cowan, Distinguished Professor Emeritus, Cheriton School of Computer Science and, Bill McIlroy, Professor, Department Chair, Kinesiology "Assessing Balance in Clinical Settings. New technology to achieve an old objective"
  - Mar 15 – Orion Health focus day (precision medicine interest, will revisit UW again)
  - Mar 16 – Biomedical Discussion Group: Dr. E. Jean-Baptiste, Postdoctoral Fellow, Dept. of Occupational Therapy / University of Toronto, Toronto Rehabilitation Institute
  - Mar 28 – Dutch Delegation company visits
  - Mar 29 – CBB Workshop – UW IP Trademarks, Trade Secrets, Industrial Designs and Branding
  - Apr 4 - Covalon Meeting (biotech company, wound dressing, pre/post op care, followup call in May)
  - Apr 10 – Dr. Emily Patterson, Associate Professor, Division of Health Information Management and Systems, School of Health and Rehabilitation Sciences, College of Medicine, Ohio State University. “Supporting Nurses with Health Information Technology: Cognitive Functions of the Kardex and 'Brains' Artifacts”
  - Apr 11 – Bioinnovations Series Speaker: Dr. Cui, Institute of Biomedical Engineering, Oxford University
  - Apr 12 – Pizza with the Prof (GRH): Jennifer Boger, Assistant Professor, Systems Design Engineering "Zero-effort Ambient Vitals Monitoring"

Upcoming Calendar:
  - May – Bionanomaterials Symposium – John Honek (CBB sponsor)
  - May 10 - Pizza with the Prof (GRH): Paul Stolee, Professor, School of Public Health and Health Systems, Heather McNeil
    PhD Student, Geriatric Health Systems Research Group
  - May 15 – Medtronic Canada – agenda TBC
  - May 31 – Waterloo Wellington Clinical Research & Quality Improvement Symposium (WWCRQUIS) – CBB sponsor with McMaster, Centre for Family Medicine
  - Jun 14 - Pizza with the Prof (GRH): Michael Barnett-Cowan
    Assistant Professor, Kinesiology
  - RIA opportunities (Josie D’Avernas/Richard Hughson)
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- Health Researcher Networking Forum

**Upcoming Action Items:**

1. **Marketing Materials:** Revision of research groups, marketing materials, powerpoint presentations
2. **Determine speakers for series:**
   1. **Pizza with the Profs:** 1x month, 2\(^\text{nd}\) Wednesday of every month at GRH, researcher presenters
   2. **Biomedical Discussion Group:** 1x month, 3\(^\text{rd}\) Thursday of every month, faculty or PhD student presenters
   3. **Bioinnovations Seminar:** 1x term
      i. Dr. Cui, Institute of Biomedical Engineering, Oxford University – April 12, 2017
3. **Visionary Speaker:** 1x a year
   i. Dr. Ed Brown (MD, UW Math grad), CEO of OTN, founder of the world’s largest telemedicine network
   ii. Dr. Alex Jadad, former head of the Centre for Global eHealth Innovation
   iii. Dr. Calestous Juma, Professor, Practice of International Development, Faculty Chair, Edward S. Mason Fellows Program, Faculty Chair, Innovation for Economic Development Executive Program, Director of the Science, Technology, and Globalization Project Harvard Kennedy School (HKS).