

Attending: Catherine Burns, Charlotte Armstrong, Parisa Hamilton, Colin Russell, Elizabeth Meiering, Marc Aucoin, Brian Ingalls, Jen Boger (via phone), James Tung, Helen Chen, Melanie Campbell, Shirley Tang, Nikhil Anil George (CBB SAT)

Regrets: Alfred Yu, Kostadinka Bizheva

Agenda:

Welcome, Overview of Agenda & Materials

1. Updates:
 - Executive Director recruitment process
 - Advisory Board recommendations
 - Constitution approval
 - Seed Funding Round 3 announcement
 2. Discussion:
 - Nikhil Anil George, CBB Student Ambassador Team update
 - Parisa Hamilton, CREATE updates, Seed Funding Round 3, international relations and hospital relations
 - Colin Russell, Health Canada Regulatory Insights Workshop event, partnership updates
 - Charlotte Armstrong – Communications (stories, Impact Report)
 3. Activities (status report)
 4. Round table updates
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Executive Director recruitment process:

Catherine – update on her new position – Health research interests – advance health research portfolios, started July 1 ED selection process: BoD has been informed and has another week for nominations

Fill position by end of Fall

Jen asked if Catherine can join the Board of Directors. The process would be that the Ops Committee would have to nominate Catherine to Charmaine for approval.

CBB operations discussion notes:

More researcher to research interactions

Networking sessions helping people grow teams

Project connections – Parisa and Collin working together

Budget: there are budget cuts and we need to know: what is the minimum a research centre needs to be effective, what is our value, why should we be supported, what levels of support do we need.

The University is still in the process of putting RCs into budget model.

We are half-way between renewal periods (3 years), will have time to run initiatives, will have to tie in with the value and budget cases. We aren't over budget, new ED won't have to struggle.

Create doesn't fund centre.

Conferences are an option for additional income – ran one 2 years ago (20g profit)

Project management – getting some monetary return for projects that the centre had a high degree of influence.

Catherine asked: are there cases where we can be contributing to **life-long learning programs** (workshops, weekend courses).

Melanie suggested diploma program for people out in the workforce.



CBB Operations Committee Meeting Minutes

September 23, 2019, 9:30-11 a.m.

East Campus 4 Boardroom - EC4-2101a



Helen suggested lucrative data and health focused projects.

Constitution update:

Going to grad and student senate.

Advisory Board of Directors new member recommendations:

Reviewed members whose term were ending, discussed and suggested potential renewals. Deadline by end of February for further thoughts and comments from the committee.

Advisory Board Recommendations:

[Profiles attached as separate item]

- [Laszlo Radvanyi](#), President and Scientific Director, OICR. Laszlo has accepted.
- [Diane Cote](#), President and CEO of MEDTEQ. She is visiting on October 3 and presenting to CBB members as well as meeting with Charmaine. Most of their funding is for Quebec only and only federal program is their Beechhead project.
- [Brian Lewis](#), President and CEP of Medtech Canada (formerly MEDEC)
- [Armen Bakirtzian](#), co-founder and CEO of Intellijoint Surgical. Strong with advocacy and is local.

Can nominate two more. Keep in mind that the Advisory Board is more partnership focused.

Looking for people that can advance partnerships, advocate for us, jointly organize events, connecting us, we expect engagement, advocacy, be on campus at least once during term, meet with Colin.

Melanie nominates Brian and Armen.

Elizabeth nominates Diane and Armen

*The Board of Directors makes the final decision.

James may have more recommendations.

Qualtrics survey with anonymous vote will be sent after October 3.

SEED Funding R3 Release – Launch October 15, November 15 deadline

Presentations:

[Nikhil Anil George](#), CBBSAT

Started term January 2019 – 3D printing additive manufacturing – Shorten lectures for next run – lab tours, inactive in spring term – Joseph is thinking of leaving – speed networking style with CBB researchers followed by reception for photo submissions "what does biotech biomed mean to them", no submissions. James: was 3 d done with biomechatronics – undergrad student design team, the student team are running 6 workshops – MC – networking event and an advising event for future careers, bring in industry people – Nikhil to contact Colin for industry contacts

[Parisa Hamilton](#), CREATE coordinator

Discussed:

- CREATE
- IRPG China visit
- Fiocruz Brazil campus visit



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September 23, 2019, 9:30-11 a.m.

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Colin Russell, CBB Manager, Program Development and Partnerships

Discussed:

- Health Canada Regulatory Insights Workshop event co-coordinated by George Shaker
- January Yuri visiting – data driven applications of AI
- Strategy developing long term relationships

Charlotte Armstrong, CBB Administrative Assistant

Discussed:

- Impact Report content that will focus on the University's strategic plan:
 - Meet the ED
 - International partnerships
 - Academic Research
 - Clinical
 - Industry – applied
 - Education
- Potential stories: James Tung, Jen Boger and Mathieu Doucet, Hamid Tizhoosh
- Website content updates
- Working with Waterloo Stories to increase web traffic. Feature stories on social media.

Activities - Attached as separate item

Round Table discussions:

James, Helen and Catherine to meet to discuss student final year project (4 students, 2 from health).

Melanie: health innovations alumni event November 7th speaking – neurodegenerative diseases in the brain. 3 alumni events - industry academic conference – was a keynote speaker.

Catherine: More than half of Mitacs applications were from CBB members

Dida's team new frontiers transformation grant – who can we partner with Quantum centres, Impact stories

Advisory Board Nominee profiles:

New Advisory Board Member confirmed:

Laszlo Radvanyi Ph.D. President & Scientific Director, Ontario Institute for Cancer Research, Toronto. Laszlo was educated at the University of Toronto, earning a PhD in Clinical Biochemistry in 1996. He is currently the President & Scientific Director of the Ontario Institute for Cancer Research (OICR; <https://oicr.on.ca/>), bringing over 30 years of strong oncology research background in academia as well as leadership experience in international pharma and biotech. Laszlo joined OICR from EMD Serono (Merck KGaA), where he was Senior Vice President Global Head of the Immuno-Oncology (IO) Translational Innovation Platform (TIP) and Senior Scientific Advisor for Immunology and IO. While at EMD Serono, Laszlo rebuilt and re-organized the IO research platform and rejuvenated its target pipeline. Prior to joining EMD Serono, Laszlo was a Professor in the Department of Melanoma Medical Oncology at the University of Texas, MD Anderson Cancer Center in Houston for 10 years. While at MD Anderson, he ran an integrated clinical and basic research program in adoptive T-cell therapy for solid tumours and is an expert in the field of tumour-infiltrating lymphocyte (TIL) therapy. Laszlo was also the founding CSO for lovance Therapeutics, commercializing TIL therapies for melanoma and other cancers and led research and development activities leading to two active Phase 2 INDs leading to regulatory approval. He also has 7 patents in the cancer immunotherapy and cell therapy field. Laszlo has authored over 120 published papers and book chapters and serves on the advisory boards of pharmaceutical, biotech companies, and investment advisory boards, such as Toronto Innovation Acceleration Partners (formerly MaRS Innovation). He has also sat on many national and international research grant review panels, including NIH agencies such as the NCI, NHLBI, and SBIR in the USA, as well as Canadian and European agencies such as CIHR, NCIC Terry Fox Program Project Grants, BioCanRx, Genome BC, and EU Framework Program (FP). Laszlo is on the Keystone Conferences Scientific Advisory Board and is an Associate Editor for the Journal of Immunotherapy for Cancer (JITC).

Advisory Board Nominations:

Diane Cote is President and CEO of MEDTEQ. Diane Côté is President and CEO of the Consortium for industrial research MEDTEQ, launched in January 2013. MEDTEQ's objective is to facilitate and accelerate the development of innovative medical technologies. Ms. Côté was previously Vice-President - Quebec, of MEDEC, the national association created by and for the Canadian medical technology industry.

She is a member of the Board of Directors of the Fonds de recherche du Québec – Santé. She is Board Chair and Chair of the Executive Committee of the MedDev Commercialization Centre (MDCC), a Canadian centre of excellence for commercialization and research (CECR) in the medical technology sector. She is a member of the Board of Directors of CIMTEC, a CECR for the commercialization of Imaging Technology. She is also a member of the Life Sciences Practice Advisory Board of Foreign Affairs, Trade and Development Canada.

Previously, Ms. Côté was President and Chief Executive Officer and a member of the Board of Directors of a medical technology company specialising in the use of state-of-the art mathematical modeling and neural networks for risk management purposes in obstetrics. She spearheaded the development and marketing of the company's products as well as its launch on the public markets.

Ms. Côté worked at IBM as member of the Sales and Communication management team. In addition, as Partner responsible for business development at Innovitech, a consulting company focusing on new

technologies and in the development of innovative economic models, she lead numerous mandates in strategic planning, financing and partnerships.

Ms. Côté has also served on many boards, namely the Centre de recherche informatique de Montréal (CRIM), the Association des industries des technologies de la Santé (AITS) and InVivo, the life sciences and health technologies cluster of Metropolitan Montréal. She also served on the board of a number of charitable organisations in Québec.

Brian Lewis is President and CEO and Medtech Canada (formerly MEDEC). Before joining Medtech Canada Brian works as General Manager of Genzyme Canada and Executive Director at AstraZeneca.

Medtech Canada is the national association representing Canada's innovative medical technology industry.

Representing approximately 100 medtech companies (ranging from Canadian-owned to multinationals), Medtech Canada works closely with the federal and provincial-territorial governments, health professionals, patients and other stakeholders to deliver a patient-centred, safe, accessible, innovative and sustainable, universal healthcare system supported by the use of medical technology.

Armen Bakirtzian, co Founder and CEO Intellijoint Surgical

Armen brings a strong biomedical engineering background, along with people and project management skills that are driving intellijoint's success. Coming from a family of physicians, his experience includes product development at Baylis Medical, and the Department of Speech-Language Pathology at University of Toronto. He represents Canada at G20 Young Entrepreneur Alliance Summits, and is a candidate for Ernst and Young's 2013 Entrepreneur of the Year. His Master's in Biomedical Engineering is from University of Toronto. Armen is also the founder of Medical Innovation Xchange, the first medtech incubator in Waterloo region.

Centre Updates: (September 23, 2019 onward)

Administrative:

- Executive Director selection process underway
- CBB Constitution approval
- Planning for 2020 Impact Report, need stories of collaboration, successful cross-faculty collaboration stories. Photos of labs or technologies to showcase.
- CBB Seed Grant Round 3

General:

Activities:

SEPTEMBER

- 26 - [CBB Biomedical Discussion Group with Dr. Diego L. Guarin](#), "Deep Learning for Objective Assessment and Diagnosis of Neuromuscular Diseases". (Host: Jen Boger).
- 26 – [IP Series](#): "IP 101 & Commercialization". Partnering with the Games Institute and WATCO.
- 26 – CREATE workshop - WCC Nadine Fladd: Getting it Done: Productive Writing Strategies for Big Projects
- 30 – Seminar: Ronald Li The future of drug delivery: meet the man who grows hearts in jars.

OCTOBER

- 2- Fiocruz Institute visit, "Leading innovation for a universal public healthcare system: the case of FIOCRUZ in Brazil"
- 3 – Medteq CEO Diane Cote visit.
- 17 – [IP Series](#): "IP Case Study". Partnering with the Games Institute and WATCO.
- 9 – CREATE Workshop - OR-Heather Ann Root, Karen Pieters: "Research Ethics and Integrity Overview".
- 23 – Pizza with the Profs: Steven Fischer
- 30 – CREATE Workshop – Evelyn Yim: "Research Experience in Interdisciplinary Collaboration".

NOVEMBER

- 14 – CBBSAT tentative research networking event
- 14 – [IP Series](#): "Copyright & Software". Partnering with the Games Institute and WATCO.
- 15 – [Health Canada Regulatory Insights Workshop](#)
- 16 – [Biotec](#) student conference
- 27 – CREATE Workshop – Jen Boger: "Ethics by Design".
- Tentative CBBSAT Additive Manufacturing for Biomedical Applications

DECEMBER

- 2 – CREATE Workshop Nadine Fladd, Kari Weaver: "Organizing and Writing Literature Reviews".
- 3 – CREATE Workshop Lyndon Jones: "Contact Lens Innovation"
- 12 – [IP Series](#): "Trademarks". Partnering with the Games Institute and WATCO.

Upcoming Winter Term:

- Tentative AGM January 2020 (depending on Executive Director status)
- January 16 - CBB/GAMES/WATCO IP SERIES
- February 13 - CBB/GAMES/WATCO IP SERIES
- March 19 - CBB/GAMES/WATCO IP SERIES
- April 9 - CBB/GAMES/WATCO IP SERIES
- May 14 - CBB/GAMES/WATCO IP SERIES