



**CANADIAN BIOMATERIALS SOCIETY
SOCIÉTÉ CANADIENNE DES BIOMATÉRIAUX**



**Minutes of the Annual General Meeting¹
May 26, 2022
1:00 PM – 2:30 PM (MDT)**

**Hybrid Meeting
(Max Bell Auditorium, Banff Centre for the Arts and Creativity & Zoom)**

1. Call to Order and Approval of the Agenda (Thomas Willett)

- The meeting was called to Order by CBS President Thomas Willett at 1:00pm
- The motion to approve the Agenda was put forward by Malcolm Xing and seconded by Diego Mantovani. The motion to approve the Agenda as distributed was unanimously carried in-person, with an additional 11 votes in favour from those attending on zoom.

2. Approval of the Minutes from the 2021 AGM, May 14, 2021 (Thomas Willett)

- The Minutes of the 2021 AGM that took place by Zoom was approved by the CBS Board of Directors (BoD) previously. The Board-approved Minutes were then posted on the CBS website on May 19, 2022 for the general membership.
- The motion to adopt the 2021 AGM Minutes was moved by Mark Filiaggi and seconded by Kibret Mequanint. The motion was unanimously carried in-person, with an additional 11 votes in favour from those attending on zoom.

3. President's Report (Thomas Willett)

- Tom shares that although the CBS faced significant challenges this year as we transitioned out of the pandemic, it was pretty successful given the uncertainty.
- Tom thanks Larry Unsworth for organizing a great hybrid meeting this year in Banff.
- The BoD held nine meetings excluding the AGM during the year to conduct the business affairs of CBS.
- The CBS has maintained its student-centered focus through the establishment of the Toronto Student Chapter and sponsorship of two mentorship programs this year. It also sponsored five speakers for the Translational Biomedical Engineering e-Seminar Series run by Houman Savojsi (UdeM) and Mohsen Akbari (UVic), as well as sponsored five individuals from industry to attend the annual meeting in Banff.

¹ The PowerPoint slides associated to this AGM are attached to the Minutes for reference purposes.

- The front end of the CBS website was updated, and a new taskforce has been formed to work on content management and updating the backend.
- A new logo has been developed (vote to be held later during the AGM), as well as a CBS LinkedIn page. Management of the CBS Social Media accounts (LinkedIn, Twitter) has been delegated to student representative Neda Latifi.
- New terms of reference were developed for the IUS-BSE nomination process.
- Amanda Clifford (UBC) was appointed as CBS Secretary, and Thomas Willett is announced as the new Treasurer.

4. Financial Report (Thomas Willett)

- Tom presents account balances from October 2021, as well as report from accountant for CBS fiscal year (January – December 2021). The CBS was profitable due to an amazing year on the market.
- The tentative balance sheet for operational year revealed a significant amount was spent on the website and logo this year in addition to typical expenditures. Real revenue is generated from any profit the meeting generates as well as 2021 memberships. In general, our expenditures almost double revenue.
- Tom shares that to deal with the deficit highlighted on the previous slide, money from the CBS chequing account was spent. He remarks that despite this, the society is in pretty good financial shape overall.
- The CBS has a mandate to spend down 2016 WBC legacy funds, however, zero was spent on WBC2016 Legacy Postdoctoral Experience Award this year because the BoD is working on restructuring this award.
- Looking towards the future, the market is changing, and an ROI of 15.7% is not guaranteed. As such, Tom proposes raising our very low yearly membership fees to balance the ratio between revenue and expenditures.
- Ze Zhang asks what our investment strategy is, and if the CBS uses a financial consultant.
- Tom answers that the money is invested in a mutual fund managed by a professional group at RBC.
- Paul Santerre suggests that the CBS moves to a 3-year running budget (since the President-Elect, President, and Past-President all serve on the BoD for three years at a time) rather than a yearly budget. Kim Woodhouse shares she would support this decision.

5. Awards Update (Thomas Willett)

- Tom shares that no WBC2016 Legacy PDF Experience awards were given out this year, since the BoD is in the process of restructuring this award.
- Two individuals won a CBS Visiting Scholar award this year: Sabrine Messaoudi and Sumaiya Karim. Tom offers his congratulations to both!
- Tom presents a table of Travel awards administered for CBS 2022 meeting: WBC2016 Legacy Travel, and CBS Merit & Travel awards.

- Sophie Lerouge asks how the amount for the travel awards was calculated, and Tom answers that these values were calculated by a committee consisting of Tom, Kibret, Eli, and Houman, based on a combination of abstract scores and distance (looking at Air Canada and West Jet ticket prices).

6. Website Modernization and New Logo (Kyla Sask)

- Kyla shares that there was vote for the logo online, but it was decided we will vote on the logo now at the AGM instead, due to low voter turnout online.
- Kyla gives an overview of the logo re-design process/process taken to obtain new logo. Important factors that were considered during the design process were the ability for the logo to be read in English and French, as well as higher resolution.
- Kyla communicates that the logo redesign process started with receiving potential options from designer of the original logo, but ultimately didn't move forward with any of their designs. The communications committee then explored options from three other graphic designers, selected the best, and went through five design rounds with the final designer (for a total of 15 different logo options).
- Feedback was received from the broader CBS membership through online poll, which helped refine the final design.
- Kyla moves to approve the logo, and Tom seconds the motion.
- Rizhi Wang asks what the story behind the logo is, why blue and orange were selected as the primary colours.
- Kyla answers that the way the letters are written, the logo can be read in English and French (e.g. CBS or SCB). The maple leaf represents Canada, while the blue is from the Quebec flag, and orange represents the indigenous people of Canada. The communications committee and BoD also looked at incorporating a scaffold motif, but couldn't reach consensus, so we came back to something simpler.
- Tom and Kyla summarize to the membership that re-designing the logo was a long process, in which as many opinions as possible were included to obtain something that was a little more modern and high resolution, and in the end it came down to trusting a professional to come up with something.
- The motion is passed, with the majority in attendance both in-person (49 votes), and online (11 votes) voting in favour, with 3 voting against (online), and 3 (in person) abstaining from the vote and 2 (online).
- Kyla shares that the website has an updated look, but it is an ongoing process to improve functionalities. Improved functionality will be achieved by a new taskforce lead by BoD member Brendan Leung.
- The communications committee released a newsletter in Spring 2022. One of the articles in the newsletter was in collaboration with the Australasian Society for Biomaterials and Tissue Engineering
- Tom thanks Kyla for doing an excellent job leading the communications committee and great work with the website and logo update

7. CBS Mentorship Programs (Thomas Willett and Gad Sabbatier)

- Tom reveals a new mentorship program to connect undergraduate students with graduate student mentors across the country was launched this year. 43 mentors, 50 and mentees, 7 institutions across Canada are involved, and they have held a few professional development seminars as part of the program.
- Gad provides an update on the second mentorship program supported by the CBS, which matches graduate students with industrial/government employee mentors, professional development (to gain transferrable skills), career training (to strategize post-graduate job search) and networking opportunities (informal meetings with recruiters and industry professionals). This program connects employees from 27 companies, with graduate students from 11 universities across Canada.
- New aspects of the program include a development summer school in collaboration with start up companies, as well as an international research collaboration with CRIEVAT (ULaval), University de Lille, and Bernard Gregory Association.
- Tom shares that he had the privilege of attending the graduation ceremony of this program in August 2021, and it was really incredible to hear how the mentees were benefitting from the mentorship they were receiving.

8. IUS-BSE Representatives Report (Lauren Flynn)

- Lauren provides an update: the last meeting of all the delegates was held March 12th, with another meeting coming up on June 8th.
- A memo of understanding has been developed between TERMIS and IUS-BSE, to coordinate timing of world congress to minimize overlap between TERMIS (every 3 years) and WBC (every 4 years), as well as seek and organize events at each others' meetings through mutual promotion for regional societies.
- The IUS-BSE webpage, which is currently based in China, is being transferred to new page based in the USA.
- WBC 2024 will be held May 26-31st in Exco, Daegu, South Korea. It will primarily be an in-person meeting, with a hybrid option as a back up.
- Professional conference organization will be finalized in April, and program planning is currently underway.
- The IUS-BSE is creating a working group to set up official guidelines for selecting future WBC locations. Historically, this process has not been very well formalized, so the IUS-BSE aims to create formalized structures so people know how to put together a strong bid and what is expected. This working group will consist of 5-6 members representing various societies round the world. We were given opportunity to nominate a Canadian member, and Diego Mantovani has been nominated.

9. Reports of Student Chapters (Student Chapter Presidents)

- BC (Ruchi Sharm)
 - In the past year, the BC Student Chapter has grown by over 50 members. They have also expanded their executive team.

- They held their first monthly seminar after COVID on translational innovation. Dr. Stephanie Willerth and Tara Mathur presented, and there were 50 attendees.
- The BC Student Chapter aims to continue their monthly seminars, as well as host a UVIC/UBC networking luncheon at UVic, and BC Student Symposium in September.
- Alberta (Michelle Lan)
 - Michelle briefly introduced executive team, and shared chapter goals and mission.
 - The Alberta Student Chapter received \$3,000 in funding from the University Hospital Foundation to host the student night at CBS 2022.
 - They also held many events, including: “Biomaterials Against COVID-19” seminar, two biomaterials imaging competitions, guest lectures from Dr. Jianyu Li (McGill) and Dr. Conny Lin (industry), undergraduate mentorship program (recruitment and matching), and the CBS 2022 student activity night.
- Southwestern Ontario (Hossein Golzar)
 - Hossein briefly introduced the executive committee and vision for the next year
 - They held one event: a webinar from Prof. Hoare on hydrogel and soft material technologies (from lab to product)
 - The chapter has three future webinars and job fair planned for the next year
- Toronto (Kenny Kimmins)
 - In January 2022 Toronto chapter was incorporated
 - Their inaugural event was held in March 2022: a symposium with one speaker from each university in Toronto that also included an industry panel discussion. 127 participants registered, with 80 participants at peak attendance.
 - The Toronto chapter has social events, professional development seminars, and a spotlight talk planned for the rest of their first year.
- Ottawa (Mahdieh Heydarigoojani)
 - The Ottawa Student Chapter is currently in its second term of running the undergraduate mentorship program. Following their successful experience last year, graduate students helped undergraduate students with their application for graduate school.
 - They also held a biomaterials and regenerative medicine conference in March 2022, and 3MT competition during a 2-day seminar
 - Their 2022 Biomaterials challenge asked graduate students how they would explain how to select a biomaterial or what is biocompatibility to a 7th grade student?
- Montreal (Valid Karamzadeh)
 - An election was organized, and new members joined the chapter
 - They also participated in CBS mentorship program, and started hosting in-person seminars again, such as “Tips and tricks on getting an academic position after graduation” by Prof. Savoji and Moraes in April 2022.

- Quebec City (Valentina Cumino)
 - Over a dozen monthly seminars and workshops were held throughout the year
 - Either research or experience in industry was shared (e.g. commercial product development)
 - Recruited for mentorship program and recruited mentors for mentees from other chapters
 - Upcoming events include Wine & Cheese night, to facilitate networking for students and young professionals in collaboration with CHU in Quebec for public events on regenerative medicine and raise awareness of biomedical research.

10. CBS 2023 Update (Mark Filiaggi)

- The 2023 CBS meeting will take place in Halifax, NS from June 14th-17th. The meeting will take place on Dalhousie Campus, and will have quite a few options for accommodations. Dalhousie has recently built new residences that contain 3, 4, and 5-bedroom units, as well as hotels and AirBnBs. There will be an emphasis on making industrial connections, and events pre- and post- conference to allow participants to take in Halifax.
- The organizing committee consists of Mark Filiaggi, Brendan Leung, Daniel Boyd (Dal), and Marya Ahmed (UPEI). The committee still needs to recruit a student member.
- Emilio Alarcon asks Mark if the meeting will be fully in-person or hybrid? Mark answers they are planning for in-person.

11. Transition to New President (Thomas Willett and Eli Sone)

- Tom thanks the 2021-2022 BoD members for their service, Todd Hoare for managing the website, and Larry and the conference organizing committee for planning the 2022 meeting. He says he is looking forward to working with Eli and the new board.
- Tom welcomes Eli Sone as the new president.
- Eli says he is pleased and honoured to be taking over. He thanks Tom for his strong and capable leadership this year. Eli thanks Larry and his team for putting the conference together under incredibly challenging conditions, and remarks how nice it is to be together again.

12. Overview of Next Year's Initiatives (Eli Sone)

- Eli presents the objectives of his presidency. These include:
 - Sustaining the society's strength in supporting trainees (student chapters, mentorship programs, restructuring of underutilized awards – Eli encouraged trainees to look at awards available, as well as provide feedback on current awards).
 - Continuing work to revise and update biomaterials.ca. Tremendous amount of work has gone into front end of website, but it is clear more work to be done to iron out glitches. As a professional society need a website that presents the face to the world that we want to present. To address this challenge, a website

taskforce has been created, chaired by Brendan Leung. Improvements to the website will support organizers of Halifax 2023, so they can focus on organizing conference.

- Building a strong Canadian presence at WBC2024.
- Continuing work to ensure fiscal sustainability of the society.

13. WBC 2024 (Eli Sone)

- Eli Shares key dates for WBC 2024, and encouraged members to submit symposia/workshop. He also recommended trainees lobby their PIs to determine what kind of work needs to get done to be sent to this conference.

14. Vote to approve 1-year continuation of Brendan Leung on the BoD (Eli Sone)

- The CBS BoD currently has five positions elected senior BoD members, with four seats coming up for election this year, the current BoD felt it was important to facilitate as much continuity as possible, and if the term of one of our board members is extended by one year, this would achieve that. The BoD unanimously proposed that Brendan Leung's term be extended, since he is on the organizing committee for Halifax 2023 and is chairing the website task force.
- Eli moves to extend Brendan Leung's term by one year, and Tom seconds the motion. The motion is passed unanimously in-person, with an additional 7 votes in favour of the motion online. In-person, Brendan Leung abstained from the vote. No members abstained from the vote or voted in opposition online.

15. Nominations and Elections (Eli Sone)

- Eli Sone presented to the membership that three Senior BoD positions will be opening because Kyla Sask's, Houman Savoji's, and Isabelle Catelas' terms are coming to an end. The following members are nominated, in addition to the nominees that were nominated via e-mail that Eli presented on a slide:
 - Jianyu Li is nominated by Jayachandran Kizhakkedathu. Rizhi Wang seconds the nomination. Jianyu accepts the nomination.
 - Argyha Paul is nominated by Kibret Mequanint. Aishik Chakraborty seconds the nomination. Argyha accepts the nomination.
 - Marta Cerrutti is nominated by Sophie Lerouge. Paul Santerre seconds the nomination. Marta accepts the nomination.
 - Kyla Sask is nominated by Isabelle Catelas. Kyla declines the nomination.
- Eli Sone informed the membership that a Student BoD position will be vacant because Neda Latifi's term is coming to an end. No further nominees were nominated outside of the nominations Eli received via e-mail and presented on a slide.
- Eli Sone will request 250-word statements from the nominees prior to the elections for the senior and student BoD positions to complete the nomination process.
- In terms of nominations for President-Elect, Eli shares he has received two nominations thus far. Eli shares the names of the nominees on a slide, and that he has not received

- a seconder for Milica Radisic yet, or heard back if she accepts the nomination. Paul Santerre seconds her nomination. The following members were also nominated:
- Marta Cerruti is nominated by Lauren Flynn. Kyla Sask seconds the nomination. Marta accepts the nomination.
 - Lauren Flynn is nominated by Kim Woodhouse. Stephanie Willerth seconds the nomination. Lauren declines the nomination.
 - Marc Gautier is nominated by Paul Santerre. Thomas Willett seconds the nomination. Marc is not present at the meeting, so Eli says he will follow up with Marc via e-mail to determine if he accepts the nomination.
 - Isabelle Catelas is nominated by Brendan Leung. Emilio Alarcon seconds the nomination. Isabelle accepts the nomination.
- With no further nominations received, nominations for the 2022-2023 election cycle closed.

16. Adjournment (Eli Sone)

- Eli moves to adjourn the meeting. The motion is seconded by Mark Filiaggi. The motion is passed unanimously in-person at 2:32pm.

Minutes prepared by Amanda Clifford on 05.07.2022 and corrected by Thomas Willett on 23.08.2022 and Eli Sone on 04.08.2022.

2022 Annual General Meeting

Canadian Biomaterials Society (CBS)

Date: Thursday, May 26th 2022

Time: 1 pm– 2:30 pm MDT



Agenda



1. Approval of the Agenda (Thomas Willett)
2. Approval of the Minutes of the 2021 AGM (Thomas Willett)
3. President's Report (Thomas Willett)
4. Financial Report (Thomas Willett)
5. Awards Update (Thomas Willett)
6. Website modernization and New Logo (Kyla Sask)
7. CBS Mentorship Programs (Thomas Willett and Gad Sabbatier)
8. IUS-BSE Representatives Report (Lauren Flynn)
9. Reports of Student Chapters (Student Chapter Presidents)
10. CBS2023 Update (Mark Filiaggi)
11. Transition to New President (Thomas Willett and Eli Sone)
12. Overview of Next Year's Initiatives (Eli Sone)
13. WBC2024 (Eli Sone)
14. Vote to approve 1-year continuation of Brendan Leung on the board (Eli Sone)
15. Nominations and Elections (Eli Sone)
16. Adjournment (Eli Sone)

President's Report



Prof. Thomas Willett, University of Waterloo

President's Report



- A year of challenges while reawakening from the pandemic.
- We held 9 board meetings this year.
- Continued to run student-centered society
 - Establishment of the Toronto Student Chapter
 - Sponsored Mentorship Programs – both graduate and undergraduate
- Coordinated with organizers of the CBS2022 meeting
- Sponsored 5 speakers for the e-translation seminar series run by Mohsin Akbari and Houman Savoji
- Centralized socials to current BoD members
- New secretary: Amanda Clifford, UBC
- New treasurer: Thomas Willett, Waterloo
- **Website update (started in Summer 2021)**
 - **New website front end established**
 - A lot of unanticipated knock-on effects
 - **Task force working on backend and management**
- **Proposed New logo (please vote)**
- New Terms of Reference for IUS-BSE nominations adopted
- Sponsored Industry speakers for this meeting

Financial Report



Financial Report



Account Balances (October 2021)

Chequing account	\$43,913.19
Loan to 2022 meeting	-\$10,000.00
Funds Available	\$33,913.19

Investment Account Balances

WBC 2016 Legacy Travel	\$221,387.00
WBC 2016 Legacy Postdoc	\$51,739.00
WBC 1996	\$156,843.00

Accountant's Report

CANADIAN BIOMATERIALS SOCIETY

Profit and Loss

January - December 2021



	TOTAL
INCOME	
Membership Dues	28,473.40
Registration Fee	312.00
Sponsorships	7,189.69
Total Income	\$35,975.09
GROSS PROFIT	\$35,975.09
EXPENSES	
Accounting Fee	7,571.00
Office/General Administrative Expenses	6,547.72
PayPal Fee	813.49
Total Office/General Administrative Expenses	7,361.21
Student Chapter	500.00
Travel Expense	1,355.35
Total Expenses	\$16,787.56
OTHER INCOME	
Capital gain / loss	11,389.59
Dividend income	5,602.69
Interest earned	0.31
Other Investment Income	2,323.16
Unrealized gain /loss	27,773.61
Total Other Income	\$47,089.36
OTHER EXPENSES	
Award expense	11,150.00
Conference expense	4,872.81
Total Other Expenses	\$16,022.81
PROFIT	\$50,254.08

Budget May 2021- Apr 2022



Projected Expenses

Operations	
webmaster inc website revamp	\$2,500.00
new logo	\$2,260.00
accountant fees	\$7,600.00
Annual Meeting Awards	
CBS visiting scholar	\$6,000.00
CBS Merit & Travel Awards for 2022 meeting	\$9,000.00
Student Chapters	
Established student chapters	\$7,000.00
Toronto chapter	\$1,000.00
Programs	
Mentorship program	\$5,000.00
e-translational seminars	\$1,250.00
Miscellaneous	
Misc. Expenses	\$1,000.00
Expenses Total	\$42,610.00

Projected Revenue

CBS 2021 profit	\$12,372.66
new memberships	\$8,000.00
Funds from checking account	\$22,372.66 *
Revenue Total	\$42,745.32
Projected Balance	\$135.32

This budget was presented in October 2021.

Tentative Balance Sheet May 2021- Apr 2022

Expenditures

Website	\$6,184.91**
New Logo	\$2,825.00
Accountant	\$8,814.00
Awards	\$13,000.00
Student Chapters	\$5,500.00
Student Programs	\$6,998.00
Conference	\$1,600.00
Total Expenditures	\$45,021.91

Revenue

CBS 2021 profit	\$12,732.66
2021 Memberships	\$8675.00
Revenue Sub-Total	\$21,407.66
Sub-Balance	-\$23,614.25
Funds on hand	\$23,614.25*
Balance	\$0.00

Comparison



Account Balances (October 2021)

Chequing account	\$43,913.19
Loan to 2022 meeting	-\$10,000.00
Funds Available	\$33,913.19

Investment Account Balances

Legacy WBC 2016 Travel	\$221,387.00
WBC 2016 Postdoc	\$51,739.00
WBC 1996	\$156,843.00

Account Balances (May 21 2021)

Chequing account	\$31,815.64
Load repayment	\$8,400.00
Funds to settle deficit	-\$23,614.25*
Funds available	\$16,601.39

Investment Account Balances

WBC 2016 Legacy Travel	\$214,765.73*
WBC 2016 Postdoc	\$49,805.86
WBC 1996	\$152,152.23

* Various bills and awards have not yet been paid.

WBC2016 Funds Spending



Projected Spending

WBC2016 Legacy Travel Awards	\$8,609.00
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WBC2016 Legacy Postdoc Awards	\$4,527.00
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Reality

WBC2016 Legacy Travel Awards	\$8,850.00
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WBC2016 Legacy Postdoc Awards	\$0.00*
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Looking Forward



- Our “revenue” for 2022–2023 will be lower:
 - Current meeting should break even.
 - ROI on WBC1996 funds is uncertain.
 - Memberships revenue ~\$9,500.00.
- It would be wise to increase membership fees.
- Goal: Improve our methods and practices.
- We must be careful with our expenditures and when relying on our WBC1996 funds to cover our annual deficits.
 - ROI is not guaranteed and certainly won't be 15.7%
 - We should seek to maintain our principal and battle inflation.
- Each year, a budget and plan will be developed and presented to the board for approval.

Awards



- WBC2016 Legacy PDF Experience Award
 - None (restructuring ongoing)
- CBS Visiting Scholar Award
 - Sabrine Messaoudi (INRS)
 - Sumaiya Karim (Queen's)

Congratulations to Sabrine and Sumaiya!

Awards



WBC2016 Legacy Travel Award	
Linda (Laval U)	\$1000.00
Yuxi (Queens)	\$650.00
Kaige (Manitoba)	\$500.00
Shravanthi (McMaster)	\$650.00
Hossein (Queens)	\$650.00
Anna (UBC)	\$500.00
Shuaibing (McGill)	\$650.00
Dainelys (Montreal)	\$650.00
Sean (U of T)	\$650.00
Dibakar (Waterloo)	\$650.00
Bishakh (McGill)	\$650.00
Guangyu (McGill)	\$650.00
Yuqing (Manitoba)	\$500.00
Xingying (Manitoba)	\$500.00

CBS Merit and Travel Award	
Fei (McMaster)	\$650.00
Federica (Laval)	\$1000.00
Sajjad (Dalhousie)	\$1000.00
Julia (Western)	\$650.00
Kai (UBC)	\$500.00
Guangyu (McGill)	\$650.00
Amanda (Queens)	\$650.00
Peiyu (Manitoba)	\$500.00
Brian (U of T)	\$650.00
Krystal (U of T)	\$650.00
Claire (Victoria)	\$500.00
Shahin (Manitoba)	\$500.00



CBS AGM

Communications Committee

Update

Kyla Sask, McMaster

May 2022

Communications Committee Updates

- Logo Update

- We are seeking membership's approval

- Please Vote:

- Open until end of AGM

<https://biomaterials.ca/#!/polls/49>



- Process Taken to Obtain New Logo:

1. Identified design criteria and logo attributes important to the CBS
2. Obtained initial logo attempts from known designer but were not able to proceed
3. Evaluated 3 different quotes and proposals from new designers
 - Voted on best designer to move ahead with
4. Completed 5 rounds of designs with over 15 different logo options
 - Provided feedback after each round, maintaining need to meet design criteria
 - Voted and selected top 3 designs to present to membership
5. Received feedback from membership through online poll
6. Completed final design refinement and received various formatting options



Communications Committee Updates

- Website Updates
 - Updated look to the website
 - Improved mobile device capabilities
 - Ongoing process to improve functionalities
 - Website task force initiated by incoming president, Eli Sone
- Newsletter
 - Spring 2022 version emailed and posted to website
 - Collaborations with Australasian Society for Biomaterials and Tissue Engineering to include Q&A in each other's newsletters
- Social Media
 - New open LinkedIn page created



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Student Mentorship Programs



CBS Undergraduate mentorship program

Objective: integrate a training program focused on undergraduate students (mentees) on target areas in the form of one-on-one mentorship by graduate students (mentors) and seminars

Benefits:

- Mentees: early exposure to the broad field of biomaterials research, support for the transition to grad school and development of transferable skills
- Mentors: development of leadership and communication skills by i) acting in a supervisory role and ii) learning how to convey technical and scientific concepts to non-experts

Components and topics:

- 1-on-1 mentorship
 - Introduction mentor-mentee
 - Application process for grad school
 - Thesis-based MASC vs course-based MSc
 - Opportunities for leadership development
 - Conferences
 - Networking events
 - Interpersonal skills
 - Experiment shadowing / visit to labs
- Seminars
 - Critical thinking (Dr. Diego Mantovani)
 - Poster and oral presentation/Reference letter: Renee Polziehn
 - Communication: Written (reports) and non-verbal communication, public speaking, storytelling (Emilie Dubois)
 - Teamwork and conflict resolution (Dr. François Bernard Malo)

CBS Undergraduate mentorship program

Statistics:

- **Mentors:** 43
- **Mentees:** 50
- **Chapters involved :** Ottawa, Alberta, Toronto Quebec City, Montreal and SWOSC.
- **Institutions involved:** University of Ottawa/Carleton, University of Alberta, University of Toronto, York University, Ryerson University, Laval University, McGill University and University of Waterloo





Empowering masters and PhDs
for impactful careers beyond
academia





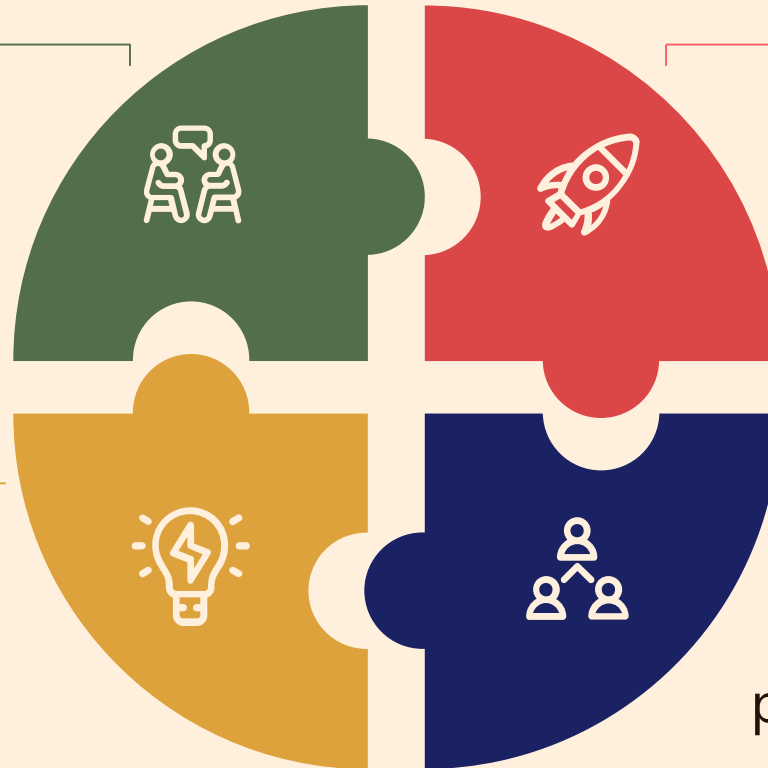
The CBS mentorship and pro. dev. Program in 2022

Mentorship

Supportive relationship with a professional working outside academia

Professional development

Introductory courses to gain major transferable skills not learned in a STEM academic lab



Career training

24 sessions to strategize post-graduate job search

Networking

Unformal meetings with recruiters and industries professionals to understand post-graduate careers





An experienced team of professionals



Gad Sabbatier, Ph. D.

Strategic management and innovation



Gabrielle Brewer, Ph. D.

Social media and communication



Ivan Rodriguez Duran, Ph. D.

R&D, teaching and learning



Ibrahim Bilem, Ph. D.

Partnership and business development



Eleanor Campbell, MSc

Community management

What's new in the program?



- A product development summer school in collaboration with start up companies
- A mentor leadership program in collaboration with a professional and experienced mentor (Jane Reichman Van Toch – McGill Executive Institute)
- An international research program in collaboration with CRIEVAT (Ulaval), Université de Lille and Bernard Grégory Association
- A lots of new collaboration



www.the2ndlab.com

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Follow us



IUS-BSE Representatives Report



Lauren Flynn, Western

Student Chapter Reports



Goal and Mission

CBS-ASC endeavors to promote awareness of current biomaterials applied to health care research and technology within the student population in Alberta.

The mission of CBS-ASC is not only to support and expand biomaterials research, but also to provide professional development and networking opportunities to our members.

Executive members of CBS-ASC in 2021-2022 year:

Michelle Lan



President

Nayiar Shahid



VP external

Doris Li



VP internal

Mohammad Nasrullah



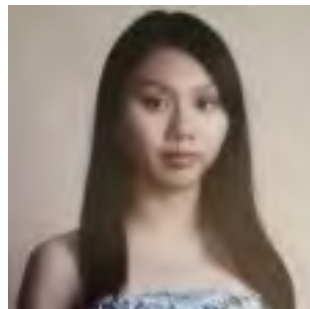
Treasurer

Shienna Pontillas



Communication director

Angelica Tam



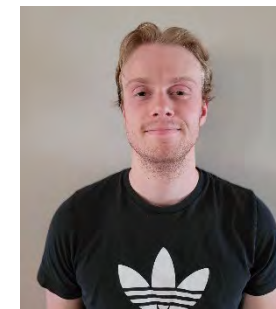
Communication director

Kosala Waduthanthri



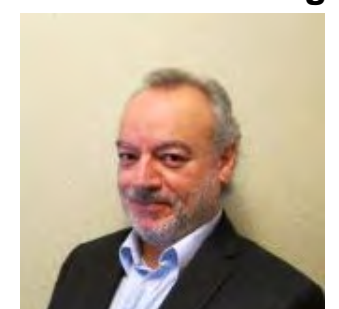
Communication director

Malcolm Forster



Secretary

Dr. Hasan Uludag



Academic Advisor

Activities from May 2021 – May 2022

May 6th, 2021

Panel Discussion, May 6
Biomaterials Against COVID-19
 Join a discussion with researchers in the forefront of biomaterials and COVID-19 research, and discover the role of biomaterials in prevention, diagnosis, vaccine development and study of mechanism.

Moderator
 Tom Hobman, PhD
 Professor
 University of Alberta

Panelists
 Milica Radisic, PhD
 Professor
 University of Toronto
 Stephen Yue, PhD
 Professor
 McGill University
 Samuel Clarke, PhD
 R&D Director
 Nanosystems Inc
 Juewen Liu, PhD
 Professor
 University of Waterloo

Canadian Biomaterials Society
 Alberta Student Chapter

When: 11:00 AM to 12:30 PM MDT, May 6
 Via Zoom

Zoom Link:
<https://zoom.us/j/9327886432?pwd=DF5WFwNlhwSEhNNUlRWlUwUUR4d2dS>

RSVP:
<https://forms.gle/NTYtqneBBLJkccw8>

May 17th, 2021

CANADIAN BIOMATERIALS SOCIETY (CBS)
 ALBERTA STUDENT CHAPTER (ASC)

CBS-ASC BIOMATERIALS IMAGING COMPETITION

\$200 CAD PRIZE 1ST PLACE
 \$100 CAD PRIZE 2ND PLACE

Image Example 2
 Image Example 1

ENTER YOUR SUBMISSION BY:
 May 17, 2021
 EMAIL SUBMISSION TO:
bioasc@ualberta.ca

COMPETITION RULES

August 31st, 2021


- Election for 2021-2022 executive team**

November 18th, 2022

Inventing and Translating Bioadhesive Technologies for Tissue Repair Applications

Dr. Jianyu Li
 Assistant Professor
 Canada Research Chair
 Dept. of Mechanical Engineering
 McGill University

Thursday, Nov. 18th
 1:00-2:00 pm, MDT



January – April 2022

APPLY TO BECOME A MENTEE

Are you an undergraduate student at uAlberta interested in research in:

- Biomaterials,
- Biotechnology, or
- Biomedical engineering?

- 1 Have 1:1 interactions with graduate students and researchers
- 2 Get involved in biomedical research early
- 3 Discover ways to shape your resume and knowledge base to succeed in academia
- 4 Get support to transition easily into the workforce or graduate studies

DEADLINE TO REGISTER: DEC. 31, 2021

ABBIMAT.WORDPRESS.COM

March 3rd, 2022

DIVERSIFY YOUR CAREER OPTIONS OUTSIDE OF ACADEMIA


2022-03-03, 4:00-5:00 PM MST

In this session you will:

- Learn what you can do now to prepare yourself to land a job outside of academia.
- How do you find out what career paths are out there.
- How to find out which are the right paths for you.

Dr. Conny Lin holds a PhD in Neuroscience and currently works as a Development Manager at Electronic Arts. She had experience in diverse career paths, including working as Medical Science

CONNIE LIN



May 1st, 2022 (on going)

CANADIAN BIOMATERIALS SOCIETY (CBS)
 ALBERTA STUDENT CHAPTER

BIOTECH IMAGING COMPETITION

Image examples

\$200 CAD PRIZE- 1ST PLACE
 \$100 CAD PRIZE- 2ND PLACE

COMPETITION RULES

May 25th, 2022

- Conference Student Activity Night**



Canadian Biomaterials Society – Southwestern Ontario Student Chapter (CBS-SWOSC)



Secretary
N. A. Jarad



Vice-president
S. Hashemi



President
H. Golzar



Treasurer
S. Toufanian



Social media administrator
A. Williams



Faculty advisor
T. Willett



Faculty advisor
T. Hoare




Faculty advisor
L. Flynn



Canadian Biomaterials Society – Southwestern Ontario Student Chapter (CBS-SWOSC)




CBS-SWOSC Presents...



INJECTABLE HYDROGELS

FROM LAB TO PRODUCT

Dr. Todd Hoare, PhD
Dept. Chemical Engineering
McMaster University



Scan here

TUESDAY, MAY 17, 2022 ; 11AM-12PM

[HTTPS://HOPIN.COM/EVENTS/INJECTABLE-HYDROGELS-FROM-LAB-TO-PRODUCT](https://hopin.com/events/injectable-hydrogels-from-lab-to-product)

Everyone is Welcome!

Date	Event Type	Title	Details
13-07-2022	Webinar	Biomaterial and Tissue Engineering	Online (Hopin)
13-09-2022	Webinar	Biomaterial and Drug Delivery Systems	Online (Hopin)
01-11-2022	Career Fair	Biomaterials Horizon	In person


CBS Toronto Student Chapter (CBS-TSC)

Inaugural 2021-2022 Executive Team



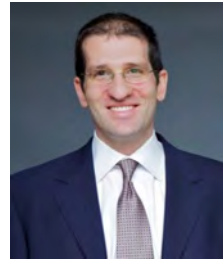
Canadian Biomaterials Society
Toronto Student Chapter

More info

 @cbs_tsc

 @cbs.toronto

 cbs.tsc@gmail.com



Faculty Advisor
Eli Sone



President
Kenny Kimmins



Vice-Presidents
Matthew Chen



Vice-Presidents
Christopher Ling



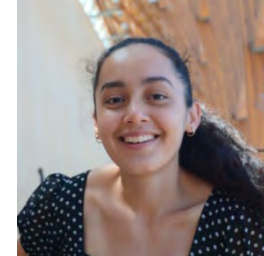
Communications
Angelico Obille



Finance
Bahram Mirani



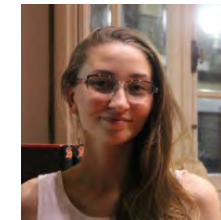
Events
Katya D'Costa



Undergraduate
Zoe Ungku Anysa



Exec Members
Mohammad Hossein
Karmini Darvanjooghi



Exec Members
Daphene Solis

Exec Members
Deeptha Ishwar

Initiatives since affiliation (January 2022)

Inaugural Event: One-day symposium with one invited speaker from each university in Toronto, with an industry panel/networking session in between. Took place online via Zoom on March 29th.

- Invited speakers: Dr. Terry Sachlos (York University), Dr. Paul Santerre (University of Toronto), Dr. Stefania Impellizzeri (Toronto Metropolitan University)
- Invited start-ups: Cohesys, Mesosil, Qthero
- Registered: 127 Peak attendance: ~80

CBS Undergraduate Mentorship Program: Mentorship program for undergraduate students, paired with graduate student mentors.

- Mentors: 10 Mentees: 13 (all from York University and Toronto Metropolitan University)

Promotion for the 37th CBS Annual Meeting

Upcoming events

Annual Meeting & Executive Elections: Elections, amendments to by-laws, practice presentations for CBS speakers.

Spotlight Talk: Panel of professors and experts in the field, discussing the topic of “the future of biomaterials/biomedical engineering”.

Social Events: Online or in-person get-togethers.

Canadian Biomaterials Society

Ottawa Student Chapter



Past Events –2022

March 2022

Biomaterials and Regenerative Medicine Conference



January-April 2022


Mentorship program





In the Works...

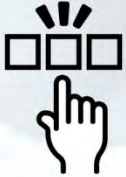
2022 Biomaterials Challenge




The Ottawa Student Chapter of the Canadian Biomaterial Society would like to present

2022 Biomaterials Challenge

Can you explain...

 [How to select a biomaterial](#)

or

[What is biocompatibility](#) 

...to a 7th grade student?

Infographic | Video submissions

CBS-MTL chapter

- Election on Dec 8th after two years
 - **President**
 - Vahid Karamzadeh
 - **VP Academic**
 - Hossein Ravanbakhsh
 - **VP Event**
 - Bisan Samara
 - **VP External**
 - Arman Jafari
 - **VP Internal**
 - Tiantian Yin
 - **VP Finance**
 - Ran Huo
 - **Mentor**
 - Prof. Sophie Lerouge

CBS-MTL chapter

- Mentors for the CBS-mentorship program
- Started in-person seminars
 - **Tips and Tricks on getting an academic position after graduation**
 - *35 participants*



The poster features the CBS logo on the left, which includes the text 'CANADIAN BIOMATERIALS SOCIETY' and 'SOCIÉTÉ CANADIENNE DES BIOMATÉRIAUX' with a stylized 'C', 'S', and 'B' around a maple leaf. The main text on the left reads 'STUDENT CHAPTER' and 'CHAPITRE ÉTUDIANT'. The central text says 'Join our upcoming in-person networking event to learn: Tips & Tricks on Getting an Academic Position After Graduation'. Below this, it lists two guests: Prof. Houman Savoji (Assistant Research Professor, University of Montreal) and Prof. Christopher Moraes (Associate Professor, McGill University). On the right, it provides registration details: 'Register on:' with a QR code, 'April 5th, 2022', '05:30 pm EST', 'McGill University, MacDonald Engineering Building MD267', and 'FREE pizza'.

Join our upcoming in-person networking event to learn:

Tips & Tricks on Getting an Academic Position After Graduation

With our guests:


Prof. Houman Savoji
Assistant Research Professor
University of Montreal


Prof. Christopher Moraes
Associate Professor
McGill University

Register on:



 April 5th, 2022

 05:30 pm EST

 McGill University,
MacDonald Engineering
Building MD267

 FREE pizza

OUR COMITEE



Valentina Mariscotti Cumino
President



Ayoub Tanji
Viceopresident



Mahdokht Akbari Taemeh
Secretary



Zongyi Liu
Treasorer



Williams Marcel Caceres Ferreira
Event Manager



Leticia Marin de Andrade
Honorary Member



Canadian Biomaterials Society
Soci t  Canadienne des Biomat riaux

QUEBEC CITY STUDENT CHAPTER
CHAPITRE  TUDIANT DE QU BEC

OUR WORK



Seminars

AT THE FRONTIERS OF KNOWLEDGE



The Canadian Biomaterials Society – QUEBEC CITY Student Chapter (CBS-QCSC) Mentorship Program is now open!

- Are you a graduate student conducting research in the fields of Biomaterials, Biotechnology, Biomedical Engineering or related disciplines?
- Are you passionate about coaching, mentoring, and inspiring younger students with interest in your field of research?

APPLY TO BECOME A MENTOR WITH US!

Activities will include:

1:1 sessions with undergraduate students interested in research

Networking opportunities with other graduate students, undergraduate students, and professors

APPLY NOW!

Seminars series on professional skills

Learn more about the CBS-QCSC Mentorship Program here:
<https://drive.google.com/drive/folders/1HK60ZnCg6Bg8gHq3lvkKThGJcArmBw7?usp=sharing>
Applications deadline: February 25th, 2022



Canadian Biomaterials Society
 Société Canadienne des Biomatériaux
 QUEBEC CITY STUDENT CHAPTER
 CHAPITRE ÉTUDIANT DE QUÉBEC

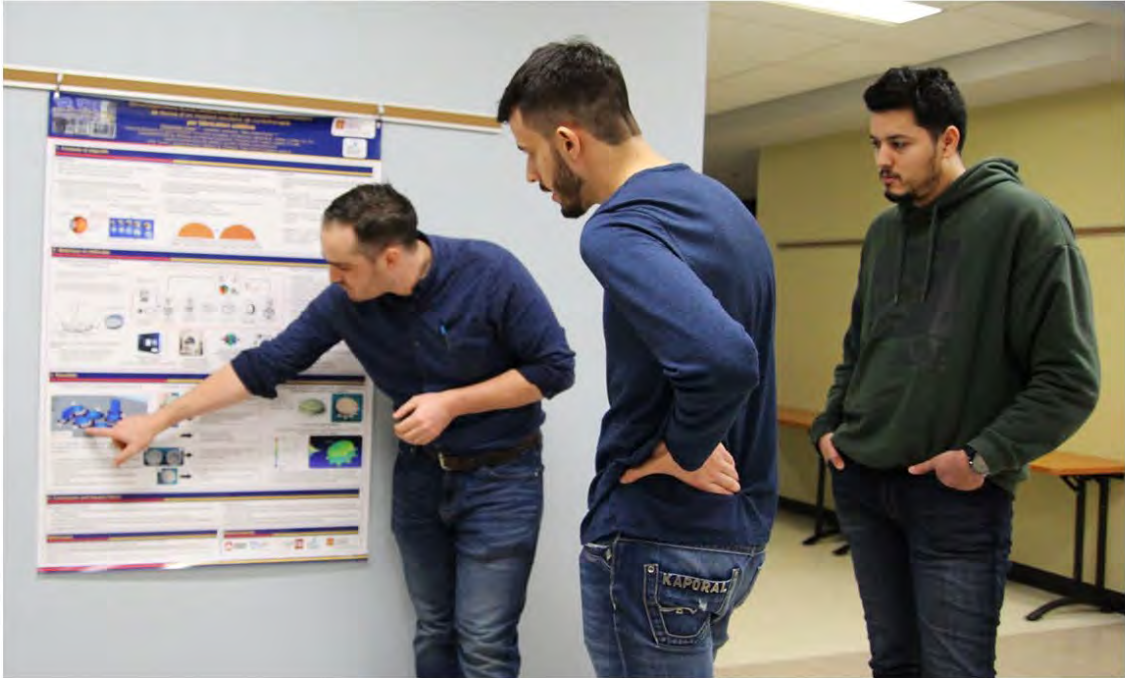


UPCOMING ACTIVITIES



Wine & cheese

NETWORKING FOR STUDENTS & YOUNG PROFESSIONALS



Public events



Canadian Biomaterials Society
Société Canadienne des Biomatériaux

QUEBEC CITY STUDENT CHAPTER
CHAPITRE ÉTUDIANT DE QUÉBEC



CBS
CBCSC

2022

Annual Meetings



2020 - WBC (Glasgow)

2021 - Waterloo

2022 - Banff, AB

2023 - Halifax, NS

2024 – WBC (South Korea)

Update from CBS2023 Organizers



Mark Filiaggi, Dalhousie University

Thank You



- This year's board members
- Todd Hoare, long serving website manager
- Larry Unsworth and team

- Looking forwards to working with Eli and the new board.

Our New President




Prof. Eli Sone, University of Toronto

Objectives for 2022-2023



- Sustain society's strength in supporting trainees
 - Student chapters
 - Mentorship programs
 - Restructuring of underutilized awards
- Continue work to revise/update biomaterials.ca
 - Website Task Force
- Support for Halifax2023
- Build towards a strong Canadian presence at WBC2024
- Continue work to ensure fiscal and organizational sustainability of the society



Cover Photo: WBC 2024's photo.

WBC2024

12th World Biomaterials Congress
MAY 26 – 31, 2024
EXCO, DAEGU, KOREA

Key Dates

September 2022 - March 2023

- Symposia/Workshop Proposal Submission

April 2023

- Notification of Proposal Acceptance
- Preliminary Program Announcement

May - November 2023

- Abstract Submission (Oral)

May 2023 - January 2024

- Early-bird Registration
- Abstract Submission (Poster)

Elections



Senior Board Members (3)

(nominees for a two year term)

- **Term ending:** Kyla Sask (McMaster), Houman Savoji (Montreal), Isabelle Catelas (Ottawa), Brendan Leung (Dalhousie)

Student Board Member

(nominees for a one year term)

- **Term ending:** Neda Latifi (University of Toronto)

President-Elect

(one year term, then transitions to President for one year, then Past President for one year)

Nominees – Senior Board Member (2022 – 2024)



Nominee	Nominator	Seconder
Emilio Alarcon	Fabio Variola	Diego Mantovani
Houman Savoji	Thomas Willett	Mohsen Akbari
Mohsen Akbari	Houman Savoji	Hasan Uludag
Simon Matoori	Marc Gauthier	Davide Brambilla

Nominees – Student Board Member (2022 – 2023)



Nominee	Nominator	Secunder
Alp Ozgun	Fabio Variola	Houman Savoji
Neda Latifi	Thomas Willett	

Nominees – President-Elect



Nominee	Nominator	Secunder

Closing Remarks and Adjourment

