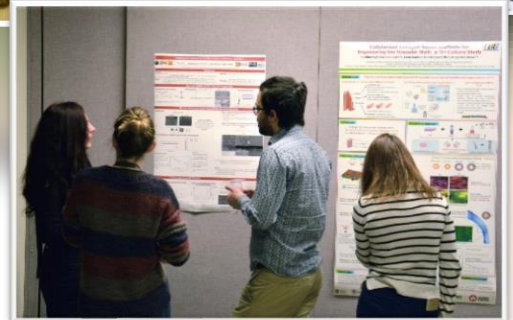


Canadian Biomaterials Society Société Canadienne des Biomatériaux



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Letter from the President

Dear members of the Canadian Biomaterials Society,

Spring is here and I am looking forward to welcoming everyone to the 34th Annual Meeting of the Canadian Biomaterials Society being held here in Victoria – **May 16th through the 19th**. We have an exciting line-up of invited speakers and over 100 abstracts have been accepted for oral and poster presentations.

Additionally, we have given out several travel awards, including our new WBC2016 Legacy Travel awards. The Society has had a busy year with approving and implementing these **new awards**. In particular, I would like to thank our awards committee members for all their hard work. I would also like to highlight our CBS Visiting opportunities to interact with the biomaterials community across Canada. Scholar Award as well as the new WBC2016 Post-Doctoral Fellow award. Please apply for these great opportunities to interact with the biomaterials community across Canada.

Also, we now have a **Twitter** account! Please follow us at [@CanBiomatSoc](https://twitter.com/CanBiomatSoc). I'm happy to post updates to twitter on Canadian Biomaterial Society related activities and members, so send me any exciting news or events that you would like promoted on social media.

This issue of our newsletters contains information on the CBS Travel Award winners along with updates from the student chapters. You will also notice our new format – thanks to Samira Ravanbakhsh for her new design, and our student representative Morgane for her leadership in improving the visual appeal of our newsletter.

See you soon in Victoria!

Dr. Stephanie Willerth
University of Victoria

34th Annual

Meeting of the Canadian Biomaterials Society



KEYNOTE SPEAKERS

David Mooney (Harvard University)

Zhen Gu (North Carolina State University)

Kathryn Whitehead (Carnegie Mellon University/University of Pittsburgh)

Krishanu Saha (University of Wisconsin-Madison)



WORKSHOP

The Clinician-Scientist Perspective (Yoav Finer, University of Toronto)

3D Bioprinting (Aspect Biosystems)

Entrepreneurship Clinic (Paul Santerre, University of Toronto)

[LATEST SCHEDULE HERE!](#)

CBS Travel Awards



CBS2018 TRAVEL AWARDS WINNERS

Bahram Mirani (University of Victoria)
James Baylis (University of British Columbia)
Karen Chan (University of British Columbia)
Brent Godau (Western University)
Hisham Kamoun (Western University)
Ratna Varma (University of Toronto)
Matthew Hagen (Oregon Health & Science University)
Yi Zhu (Western University)
Somiraa Said (McMaster University)
Gurankit Singh (University of Manitoba)
Bryan Lee (McMaster University)
Tobias Fuehrmann (University of Toronto)

WBC2016 LEGACY AWARD WINNERS

Jifu Mao (University Laval)
Laura McKiel (Queens University)
Fei Xu (McMaster University)
Kevin J DeFrance (McMaster University)
Patricia Comeau (University of Waterloo)

Alberta Student Chapter

The 2017-2018 academic year has been very exciting and productive for CBS-ASC. We hosted 5 events and won two major grants, and since 2015, our member list grew to 500+ members. In August, we broadcasted a webinar organized by the Kingston CBS student chapter, who invited Dr. Gaétan Laroche to present on the utilization of surface engineering to tailor biocompatibility. In September, we kicked off Fall Term 2017 by participating in the annual Clubs Fair organized by the Students' Union to recruit more members for our chapter. Next, we hosted Jesse Kadosh, University of Alberta Alumni and Director of Green Lightning Review, for an external seminar. He presented a seminar on "Bringing research to a global audience through scientific writing". Jesse Kadosh has edited over 1,000 articles in major journals including Science and Nature. During the 2017, term we also hosted our annual fundraiser event, which served an opportunity to reach out and connect to students and faculty members, as well as to financially support the following internal seminar, which we hosted in January 2018. Dr. Edward Tredget, Professor in the Department of Surgery, Divisions of Plastic & Reconstructive Surgery and Critical Care Medicine at the University of Alberta gave us an impressive and encouraging presentation on his work on the use of biomaterials and the application him and his team have explored. Starting from late fall in 2017, we have been working extensively on organizing our biggest annual event, 3rd BioMat Connect (03/27/2018).



For the first time, CBS-ASC won a prestigious grant from the Alumni Association of the University of Alberta for the financial support of the event. In addition, we received sponsorship from the Graduate Student's Association and CBS, which helped to make our event a reality. This year, BioMat Connect brought together industry, government, and academia, and focused on the importance of collaboration between the three. We were very excited to get Dr. Vikramaditya Yadav to join us as our keynote speaker. In 2015 he was recognized as one of the top hundred most influential people working in drug development and manufacturing. Videographer Nick Lehmann recorded our event. A promotional video of CBS-ASC and footage of the keynote speech/panel discussion will be available soon for download from our website: www.abbiomat.ca. It was our goal for the 3rd BioMat Connect to enhance the networking opportunities for our attendees by offering three speed networking sessions with our special guests (Figure 2). In addition, we were able to establish great connections with TEC Edmonton, a local and internationally recognized business accelerator, as well as the Edmonton Health City Initiative, and look forward to future collaboration.

British Columbia Student Chapter

On the 25th of January, The British Columbia student chapter of the Canadian Biomaterials society hosted a symposium called “Biotechnology- an industry perspective”. The event was run by the president of the BC student Chapter Laura de la Vega and members of the chapter at the University of Victoria. During this event, the principal scientist Dr. Eric Jervis from STEMCELL Technologies gave a talk about the bioengineering processes and research at this company. Providing an insight on the use of biomaterials and product development, as well as his personal perspective about research in academia. Approximately 50 students attended to the event and had the opportunity to network and be introduced to the Canadian Biomaterials Society by our president Dr. Stephanie Willerth.

More recently, the BC Chapter has been busy organizing the **CBS2018 student event**. Feel free to join us for a relaxed evening of appetizers and drinks with your conference colleagues at:

LURE Restaurant and Bar
in the Delta Victoria Ocean Pointe Hotel
Thu, 17 May 2018
7:00 PM – 9:30 PM PDT

Requirements:

- RSVP at <https://cbs2018-student-event.eventbrite.ca>
- Two proofs of ID on the day

For any questions, please contact Laura at laura.dlvr@gmail.com



Montreal Student Chapter

The Montreal student chapter had its Winter seminar at McGill University on February 1st, 2018. The research seminar included two great researchers working on the biomedical applications of microfluidics, Professor David Junker from McGill University and Professor Thomas Gervais from École Polytechnique de Montréal. More than 50 students and researchers attended this event. It was a very dynamic seminar with many scientific discussions between the speakers and the attendees. The presentations were followed by a networking session with food and drinks. People enjoyed the session very much that the event was extended for an hour! It was a success for the new council.



In addition, the chapter has been organizing the 3rd Montreal Biomaterials Research Day over the past few months. This one-day event is going to be held at CHUM research center on May 1st, 2018. It features 8 invited university professors/senior researchers from McGill University, Polytechnique Montreal, Université de Montreal, Sherbrooke University and Laval University. We have also invited three speakers from industry, National Research Council of Canada, ZimmerBiomet and MITACS. This event includes three main sessions, i.e., bio-inspired materials & bioprinting, tissue engineering, and industry presentations and career directions. A round-table networking session is planned over lunch. Every invited speaker will be assigned to one table together with 10 attendees. A second networking session is organized after the tissue engineering session including coffee and cookies. We have also added a few spots for 3-minutes student presentations, another addition to our previous Montreal Biomaterials Research Days. Our event is free for all the attendees, thanks to our respectable sponsors. We have currently 105 registered attendees from Montreal universities, research centers and industry as well as a few students from Quebec City. We will finish our event with a few awards, one for the best student presenter and the other for one-two students who have been actively participating in Q&A sessions.

Ottawa Student Chapter

Our last event of the year is on the 11th of May 2018. We are hosting a joint event with the CBS Kingston Student Chapter to rehearse for the CBS conference in Victoria. We chose Dr. St- Pierre as our keynote speaker. He has years of experience in the field of biomaterials and tissue engineering. This will be a half-day event where the first two hours will be dedicated to oral presentations followed by an hour break for lunch and networking before the final session for the poster presentations.



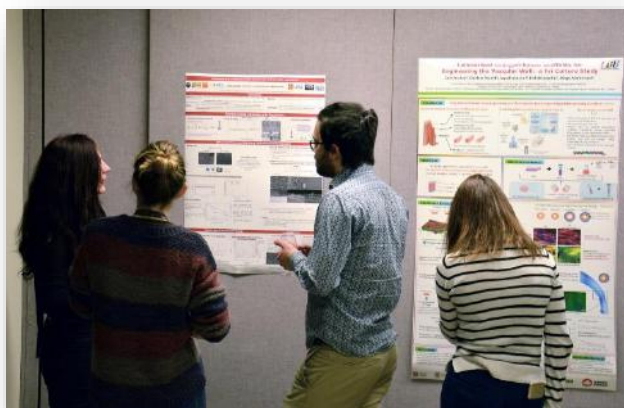
The CBS Ottawa Student Chapter started the year with two successful events: a seminar about polymeric nanoparticles in cancer, atherosclerosis, and imaging by Dr. Suresh Gadde and a roundtable discussion event under the title “Where do I fit in: Academia vs. Industry” which was held at the University of Ottawa on January 24th, 2018. We had five speakers Drs. Michel Godin, Isabelle Catelas, Eve Tsai, Dominik Barz and Charles Cuerrier who shared their experiences in industry and academia. It gave attendees an opportunity to see different points of view from the scientific community in academia and industry.



Quebec City Student Chapter

Since the opening of the New Year for Biomaterials with the “Wine & Cheese + Posters” event, the Quebec City Student Chapter has not been resting. A series of lectures has taken place and gathered a vast number of knowledge-thirsty students. Variety of fields, subjects and issues, which have been raised at those meetings allowed students from different domains of biomaterial sciences to come together, discuss and broaden their knowledge. For those working on vascular tissue engineering, the lecture given by Kibret Mequanint on the 30th of January, under the title “Regulation of Smooth Muscle Cell Phenotype for Guided Vascular Tissue Fabrication and Regeneration” was an invaluable experience. Whereas, when it comes to the problem of analyzing hybrid materials, it was addressed by Laurent Houssiau on the 20th of February with his seminar “How can we analyze the chemistry of organic/inorganic hybrid materials in depth with ToF-SIMS”, which has given an insight on the issues that arise when analyzing these kinds of materials and how they can be solved.

Not long after that, a new method to create versatile thin film materials have been proposed by: Francoise Massines on the 23rd of February, during the lecture “Multifunctional thin layers by cold plasma at atmospheric pressure, an innovative and promising process “. In addition, a conference given by Yannick Lupien on the 16th of April was organized within the frame of a partnership between Laval University student associations and Desjardins to teach engineering students about investing. This gave the 50 students attending the opportunity not only to gain not only knowledge specific to their field of study but also how to manage their budgets and be efficient in handling their money.



Kingston Student Chapter

The CBS-KSC has been very busy this semester! We hosted two industry-focused seminars (one speaker from Dupont and another from Abbott Point of Care), as well as a meet and greet session with Dr. Kyla Sask, who worked at Interface Biologics Inc and will be an Assistant Professor at McMaster in 2019.

Our most recent event was a professional development webinar with the Cheeky Scientist Association on April 5. We learned about the transition process into industry, how to optimize our LinkedIn profile to appeal to prospective employers, and how to network effectively. The supplementary materials from this event can be found on our blog:

<https://biomaterialskingston.wordpress.com/2018/04/19/thank-you/>





1st Entrepreneurship Clinic

Discover Your Talent

Canadian Biomaterials Society (CBS)





Prof. Cynthia Goh,
University of Toronto,
Director, Impact Centre



Prof. Paul Santerre,
University of Toronto,
Director, Health
Innovation Hub



Aislinn Sirk, Industry
Liaison Officer,
University of Victoria



DISCOVER YOUR EDGE



**Sponsored by Training
Program in Organ-on-a-Chip
Engineering &
Entrepreneurship (TOeP)**

Date: Friday, May 18th 2018
Time: 1 – 3 pm
Location: Michele Pujol Room, Student Union Building
Chairman: Dr. Nima Khadem Mohtaram
Organizing Team: Dr. Gad Sabbatier & Dr. Khadem Mohtaram

Did you know?

CBS has several awards available yearly for student and postdoc members?
Find new awards on our website!



CBS Visiting Scholar Award

Deadline: March Annually

The Canadian Biomaterials Society is providing a Visiting Scholar Award to give to the most promising young scientists the opportunity to visit another university / lab with common research interests and stimulate their interest to pursuit their career in the field of biomaterials. The award also intends to foster collaborations as well as exchange of technologies and ideas between Canadian universities in the field of biomaterials.

Who is eligible for the award?

Ph.D. students in their 2nd year and above and post-doctoral fellows, who:

- Have been a member of CBS for at least 1 year at the time of application. The supervising professors in the home and hosting institutions should also be members.
- Have attended at least one annual meeting of the CBS (or WBC) prior to the application for the award.

Value of the award

This award has a value of a maximum of \$3,000, to cover travel and housing expenses for a visit of up to 2 weeks.

Application

procedure

The candidate should submit:

- a current CV including the list of publications
- a brief summary describing the proposed research activities during his/her visit in the hosting institution (maximum 2 pages)
- a maximum one-page budget summarizing the expected expenses

The supervising professors (both in the student home and hosting institutions) should submit a maximum 1-page support letter confirming their interest in the collaborative research activity.

Applications should be sent electronically to the CBS secretary before **March 1 annually**, with a maximum of one award to be distributed and announced at the CBS Annual Meeting.

Information can be found on our website at:

<http://www.biomaterials.ca/#!/awards/cbs-visiting-scholar>

Join us for the 34th Annual Meeting of the Canadian Biomaterials Society, **May 16-19, 2018.**

[Submit your poster abstract](#) today!



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[@CanBiomatSoc](#)

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If you wish to contribute to our next newsletter, please contact willerth@uvic.ca

