

Bulletin



The Canadian Society of Plant Biologists/
La Société canadienne de biologie végétale



UBC hosts the upcoming PLANTS FROM SEA TO SKY meeting in Vancouver, July 4-7, 2017 (Photo credit: UBC Communications and Marketing)

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Message from the President Message de la Présidente

Dear CSPB/SCBV members



The recent fall and winter terms were among the busiest ever and I am sure that most of you are glad that the summer term has started. While some of us finally get to do field work, others already fret about updating their Common CV for this year's NSERC Discovery application. I happen to be afflicted by the latter, and therefore can empathize.

As summer is in full bloom, I am looking forward to the annual CPSB meeting. I am convinced that it will be another highlight of CSPB life.

Since this is my last Bulletin contribution as President, I would like to already seize the opportunity to thank Geoff Wasteneys and his team for putting together this meeting at UBC. 'Plants from Sea to Sky' will be a fantastic event and the Symposium in memory of Carl Douglas that is scheduled during the meeting will give us an opportunity to remember and celebrate the life of our dear friend and colleague who passed away unexpectedly last summer.

In the following, you find an update on

various recent and ongoing dossiers of relevance to CSPB members:

Eastern Regional Meeting, Hamilton

The 2016 Eastern Regional Meeting was held at the Royal Botanical Gardens in Hamilton on November 18&19, 2016. 117 participants registered for this meeting: 51% were graduate students, 8% were undergraduates, 11% Post-doctoral Fellows and 29% were faculty or other full-rate registrants. Almost all were from the Eastern provinces of Canada, most from Ontario. The scientific sessions were



Plenary Speakers at the Eastern Regional Meeting 2016

from left to right: Maheshi Dassanayake from Louisiana State University, Jean Greenberg from the University of Chicago, Daphne Goring University of Toronto

(Continued)

focused on physiology & biochemistry, biotic interactions, metabolism, molecular signalling among others. Two of the three plenary speakers came from the United States (Drs. Maheshi Dassanayake from Louisiana State University who spoke on "Structural genomic variation in stress adaptation: insights from extremophyte genomics" and Jean Greenberg, from the University of Chicago who spoke on "Flagellin peptide flg22 is transported to distal tissues in Arabidopsis"). The third plenary speaker was Dr. Daphne Goring from the University of Toronto, who concluded the conference with her talk on "Pollen acceptance or rejection? Intersecting signaling pathways in the Brassicaceae stigma."

The CSPB Eastern Director's Award for Oral Presentation was awarded to Michal Pyc (Robert Mullen lab, University of Guelph). The Plant Canada Award for Oral Presentation was given to Daniel Wilson (Robin Cameron lab, McMaster University) and an honourable mention went to Eliana Vonapartis (Sonia Gazzarrini lab, University of Toronto-Scarborough). The recipient of the CSPB Eastern Directors Award for Poster Presentation was Hefeng

(Jasmine) Hu (Owen Rowland lab, Carleton University) and Jennifer Doucet (Daphne Goring lab, University of Toronto) received an honourable mention.

Congratulations to all! I would like to thank Robin Cameron, Peter Summers and Elizabeth Weretilnyk for putting together this excellent meeting. It was particularly generous of Robin to host the welcome reception at her home!

Carl Douglas Endowment Fund

The CSPB Executive decided to establish an endowment fund that will enable the Society to hand out an annual award to a meritorious postdoctoral fellow. This award will be named after Carl Douglas, former CSPB President and Science Policy Director of the Society at the time of his death in July 2016. A fundraising effort is currently under way and the terms of reference of the award will be proposed at the upcoming annual meeting.

News from the Federal Government

The 2017 budget allocated to the Tri-Council agencies has not received any boost this year, which, of course, is a disappointment. However, many in the field of plant science are cautiously optimistic given that the 2017 federal budget highlighted agri-food as one of

three industries in Canada with "great potential for growth and job creation" and was featured as a key component of the Innovation Agenda. The government stated, "Canada is in a uniquely strong position to capitalize on global agri-food growth." The government announced an investment of up to \$950 million over five years (\$150 million of which is a new allocation), to drive business-led innovation "superclusters", in industries with agri-food playing a prominent role. This emphasis on the agri-food sector is novel and arises from the recommendations issued by the Chair of the Advisory Council on Economic Growth, Dominic Barton (<http://www.budget.gc.ca/aceg-ccce/home-accueil-en.html>)

Canada's Fundamental Science Report

In 2016 the Federal Minister of Science launched an independent review of federal funding for fundamental science. The review assesses the program machinery that is currently in place to support science and scientists in Canada. "This report sets out a multi-year agenda that, if implemented, could transform Canadian research capacity and have enormous long-term impacts across the nation." (C.

(Continued)

David Naylor, Chair of the Panel)
<http://www.sciencereview.ca/eic/site/059.nsf/eng/home>

Global Plant Council

CSPB is one of the founding members of the GPC (<http://globalplantcouncil.org/>). You may wish to sign up for the monthly newsletter ([http://globalplantcouncil.us10.list-](http://globalplantcouncil.us10.list-manage.com/subscribe?u=e9ef435de6657ce20fa5a7791&id=5e6fa71dd8)

[manage.com/subscribe?u=e9ef435de6657ce20fa5a7791&id=5e6fa71dd8](http://globalplantcouncil.us10.list-manage.com/subscribe?u=e9ef435de6657ce20fa5a7791&id=5e6fa71dd8)). Relevant news items include for example bursaries to the World's Plants Symposium, co-hosted by GPC and the Society for Experimental Biology (SEB).

I am looking forward to seeing all of you in Vancouver in July!

Anja Geitmann,
 McGill University
 President CSPB/SCBV



The organizers and plenary speakers of the 2016 Eastern Regional

From left to right: Organizers Peter Summer, Elizabeth Weretylnik, plenary speakers Jean Greenberg, Maheshi Dassanayake, Daphne Goring, and organizer Robin Cameron

CSPB Eastern Regional Meeting 2016 at McMaster University

Daphne Goring, University of Toronto

Eastern Regional Director CSPB/SCBV

The 2016 Eastern Regional Meeting was organized by Robin Cameron, Peter Summers and Elizabeth Weretylnik (McMaster University) and held at the Royal Botanical Gardens, Burlington on November 18th-19th. The meeting started off

with a small gathering at Robin Cameron's house on the Friday evening for invited speakers and participants who had traveled from further distances. On the Saturday, 117 participants arrived for a full day of presentations and socializing.

The surrounding RBC greenhouse plant collections provided a wonderful atmosphere for our meeting (particularly on a dreary November day...).

The presentations started off with two excellent plenary speakers: Dr.

(Continued)

Maheshi Dassanayake (Louisiana State University) who spoke on *Structural genomic variation in stress adaptation: insights from extremophyte genomics*, and Dr. Jean Greenberg (University of Chicago) who gave a presentation titled, *Flagellin peptide flg22 is transported to distal tissues in Arabidopsis*. After a short coffee break, there were three concurrent sessions covering 24 short oral presentations. A second set of three concurrent sessions was held in the afternoon covering another 25 oral presentations. During these concurrent presentations, judges were hard at work evaluating the 34 student presenters competing for the oral presentations awards.

Over lunch, lively discussions were enjoyed as 26 participants presented their posters, including nine students competing for the poster presentation award. I had the privilege of concluding the meeting with a final plenary talk titled *Pollen acceptance or rejection? Intersecting signaling pathways in the Brassicaceae stigma*. With the overall excellent caliber of student presentations, there was much discussion by the judges to select

the student presentation awardees, and the meeting wrapped up with the student awards being handed out.

Oral Presentation winners: The Director's Award for the best oral presentation went to **Michal Pyc** (University of Guelph, *Identification and characterization of a novel lipid droplet protein in Arabidopsis*). The Plant Canada Award for Oral Presentation went to **Daniel Wilson** (McMaster University, *Evidence for multiple roles of intercellular salicylic acid during the Age-Related Resistance response of Arabidopsis thaliana to Pseudomonas syringae*). Honorable mention went to **Eliana Vonapartis** (University of Toronto-Scarborough, *Investigating the role of XERICO in GA-ABA crosstalk during stress response*).

Poster Presentation winners: The Director's award for the best poster presentation went to **Jasmine Hu** (Carleton University, *A family of Arabidopsis MYB transcription factors that control the regulation of suberin deposition*). Honorable mention went to **Jennifer Ducet** (University of Toronto, *Compatible pollen signalling in Arabidopsis thaliana: the proposed role of*

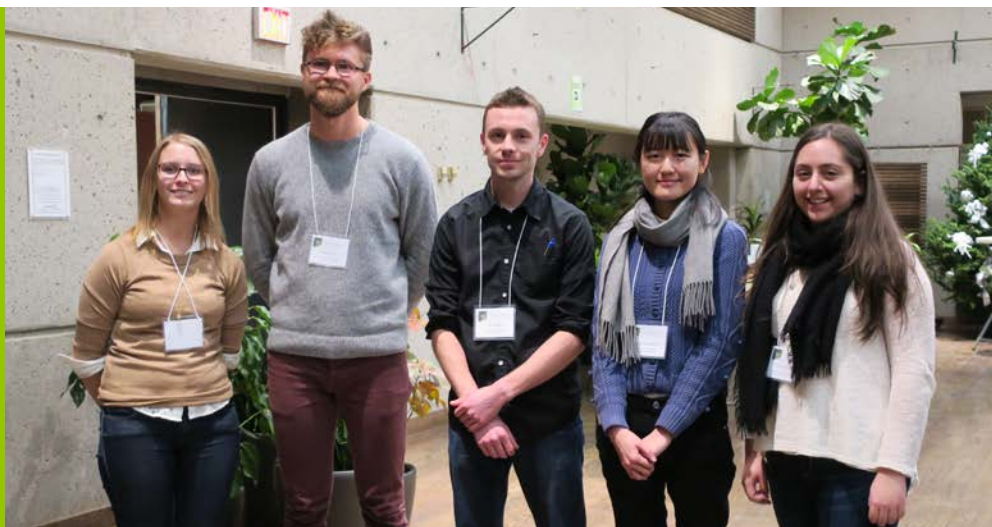
stigma-expressed RLCKs).

On behalf of the Eastern Region, a big thank you to the organizing committee (Robin Cameron, Peter Summers, and Elizabeth Weretilnyk), volunteers, and session chairs who ensured that the meeting ran smoothly and was a great success! Thanks also to Michael Stasiak for taking care of the meeting website, and to all the judges who participated in the oral and poster presentation judging (Dinesh Christendat, Marina Cvetkovska, Art Davis, Sonia Gazzarrini, Shelley Hepworth, Madiha Khan, Susanne Kohalmi, Shelley Lumba, Wolfgang Moeder, Jacqueline Monaghan, Adam Mott, Robert Mullen, Eiji Nambara, Annette Nassuth, Nick Provart, Owen Rowland, Olivia Wilkins, and Keiko Yoshioka). Final thanks to the two lead judges for guiding the judging discussions, Robert Mullen (oral presentations) and Sonia Gazzarrini (poster presentations).

The 2017 Eastern Regional Meeting will be organized by Jean-Benoit Charron, Olivia Wilkins and colleagues and held on November 24-25 at Macdonald Campus, McGill University.

Winners of the student presentation awards at the Eastern Regional Meeting 2016

Left to right: Jennifer Ducet, Michel Pyc, Daniel Wilson, Jasmine Hu, Eliana Vonapartis



July 4-7, 2017 - Upcoming Annual General Meeting in Vancouver



Plants From Sea to Sky

A joint meeting of the Canadian Society of Plant Biologists and the Canadian Society for Horticultural Science - July 4-7, 2017



University of British Columbia, Vancouver, Canada

Organizers:

Prof. Geoffrey Wasteneys (University of British Columbia)

Prof. Karen Tanino (University of Saskatchewan)

Symposium Topics

Cell biology and development
 Biochemistry
 Abiotic stress
 Biotic interactions: Microbiome
 Applied plant biology and global food security
 Biomechanics
 Nutrients and Metabolism
 Specialized metabolism (plant products)
 Education forum:
 Cannabis in the classroom
 Special symposium:
 in memory of Carl Douglas

Venue

Vancouver is a vibrant city, located where the coastal mountains meet the salish sea. In early July, it is at its spectacular best, offering many cultural events and recreational activities.



Symposium at
 Forest Sciences Centre
 2424 Main Mall



Main hotel at
 Ponderosa commons
 2075 Lower Mall

Plenary Speakers

Matthew Bracken (USA) UC Irvine:

'Top-down modification of bottom-up processes: nutrient recycling by consumers enhances algal growth in marine ecosystems'

Siobhan Braybrook (UK) Sainsbury Laboratories, Cambridge

'Why gels matter: roles for pectin and alginate in development of walled organisms'

Andrew Groover (USA) USDA/UC Davis:

'Embracing the complexity of nature – computational and genomic approaches for understanding the development and evolution of forest trees'

Sabeeha Merchant (USA) UCLA:

'Elemental economy in Chlamydomonas'

Elliot Meyerowitz (USA) Caltech:

'Mechanical and Chemical Signals in the Control of Arabidopsis Stem Cells'

Sophia Stone (Canada) Dalhousie University:

(CD Nelson Lecture)

'Ubiquitin proteasome system and plant response to environmental stress'

Harry Klee (USA) University of Florida:

'Consumer-assisted selection: a roadmap to a better tomato'

Yves Desjardins (Canada) Laval University:

'Horticulture Crop Nutrients and Polyphenols'

Cara Haney (Canada) University of British Columbia:

'The plant microbiome at the intersection of metabolism and defense'

Contact

Student and postdoctoral travel assistance is available from CSPB/SCBV and CSHS/SCSH (see website)

Email: geoffrey.wasteneys@ubc.ca

Web: <http://plantsfromseatosky.botany.ubc.ca>

Address: University of British Columbia, Department of Botany
 6270 University Blvd. Vancouver, BC Canada V6T 1Z4



THE UNIVERSITY
 OF BRITISH COLUMBIA

CSPB/SCBV Welcomes New Plant Biology Faculty



Olivia Wilkins, Department of Plant Sciences, McGill University

Olivia joined the Department of Plant Sciences at McGill University as an Assistant Professor in January 2016. She is interested in how plants perceive the environment and how they use this information to respond to environmental stress. Her research uses the tools of systems biology to study and to reprogram regulatory networks, the interface of environmental perception and response. Current research projects focus on three themes: (1) Regulatory diversity across ecotypically divergent plants; (2) Cell type specific regulatory networks; and (3) Regulatory networks in natural environmental conditions.

Olivia received her PhD from the

University of Toronto in 2010. From 2011 to 2015, she was a postdoctoral fellow at the Centre for Genomics and Systems Biology at New York University. In 2015, she was a Visiting Scientist at the Broad Institute of Harvard and MIT. In 2014, she became a Kavli Foundation Scientist-Writer Fellow. In 2013, she was awarded a Basic Research to Enable Agricultural Development Award from the Bill & Melinda Gates Foundation. She serves on the editorial boards of multiple scientific journals including *Frontiers in Plant Science* and *BMC Plant Biology*.

Olivia teaches introductory plant biology and functional genomics and systems biology at McGill.

Jacqueline's lab opened at Queen's University in January 2016. She studies immunity and immune homeostasis in the model plant *Arabidopsis thaliana* and uses a combination of methods including genetics, molecular biology, biochemistry, and cell biology. The aim of her work is to understand how key immune proteins work at the molecular level, how they are regulated, and how they influence normal growth and development. Jacqueline received her PhD from UBC in 2010 and then went on to conduct postdoctoral work as an EMBO Fellow at The Sainsbury Lab



Jacqueline Monaghan, Department of Biology, Queen's University

in Norwich, UK. In 2015 she was awarded a Future Leader Fellowship from the BBSRC, allowing her to establish an independent research program on immune homeostasis.



Glen Uhrig, Department of Biological Sciences, University of Alberta

Glen joins the Department of Biological Sciences at the University of Alberta in summer 2017 as an assistant professor. He studies how light regulates plant cellular processes; in particular, the

molecular mechanisms governing daily transitions from day-to-night and night-to-day. Research in his lab investigates the role protein post-translational modifications (PTMs) play in regulating these transitions through the use of proteomics and biochemistry as well as molecular and cellular biology. Current projects involve (i) the quantitative analysis of PTMs in

model plant species *Arabidopsis thaliana* and (ii) the targeted characterization PTM catalytic enzymes (e.g. protein

acetyltransferases). Prior to joining the Department of Biological Sciences at the University of Alberta, Glen received his PhD from

the University of Calgary and was a Post-Doctoral Fellow at the Swiss Federal Institute of Technology (ETH) in Zurich, Switzerland.

Gavin joined the Department of Agricultural, Food and Nutritional Science at the University of Alberta as an Assistant Professor in May 2017. His research interest is Plant Lipid Biotechnology. Students and researchers in Gavin's lab contribute to better understand the mechanisms of triacylglycerol formation in higher plants and microalgae, and to develop novel strategies for producing "designer" oils for health and industrial applications. Current research projects focus on (I) exploring the mechanisms governing seed oil content, fatty acid composition, and carbon partitioning within the developing seeds and microalgae, (II) investigating the structure-function relationship of enzymes involved in oil synthesis pathways and generate performance-enhanced enzyme variants, (III) developing novel biotechnological strategies for improving oil content and quality and producing designer oils in higher plants, microalgae,



Guanqun (Gavin) Chen, Department of Agricultural, Food and Nutritional Science, University of Alberta

and other microorganisms, and (IV) exploring the functions of lipid-synthetic enzymes in plant development and improve agronomy of oilseed crops.

Gavin received his PhD degree in Plant Biotechnology with Dr. Steven Chen at the University of

Hong Kong and then worked as a postdoctoral researcher with Dr. Randall J. Weselake at University of Alberta. He was a tenure-track Assistant Professor at the University of Manitoba, before he moved back to Alberta. Gavin teaches Plants for Bioproducts.

Fascination of Plants Day

The 2017 Fascination of Plants Day was on May 18. If you organized any event or highlighted this day in any way, please make sure to provide a link and/or pictures to the CSPB Education Director Emily Indriolo and the Canadian coordinator Shahrokh Khanizadeh (<http://www.plantday.org/canada.htm>).



Chris Meyer coordinated **Fascination of Plants Day** at the University of Guelph

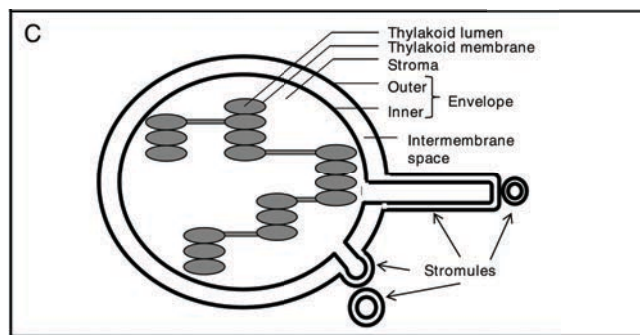
Featured Paper

Gene and protein families are a common occurrence in plants. Presence of multiple isoforms allows for the divergence of sequences over evolutionary time, potentially generating proteins with new functions that still retain their original function. The paper by Bross et al. (2017) analyzes the subcellular localization of six AROGENATE DEHYDRATASE (ADT) enzymes that catalyze the last step in the synthesis of phenylalanine. As expected, these ADTs predominantly localize to chloroplasts, and more specifically to stromules of chloroplasts. Surprisingly, two of the ADTs have an additional distinct subcellular localization. ADT2 forms ring structures around the chloroplast reminiscent of those observed for FtsZ. Furthermore, *adt2* mutants

have aberrant chloroplasts and FtsZ is misassembled, suggesting a role for ADT2 in chloroplast division. Only ADT5 is found in the nucleus suggesting a possible role in transcription or retrograde signaling. This adds ADT2 and ADT5 to a growing list of moonlighting proteins as they have more than one independent function. This research has uncovered a possible link between the divergence of protein family members and the evolution of secondary roles for enzymes.

Crystal D. Bross, Travis R. Howes, Sara Abolhassani Rad, Ornela Kljakic, Susanne E. Kohalmi; *Subcellular localization of Arabidopsis arogenate dehydratases suggests novel and non-enzymatic roles*. *J Exp Bot* 2017; 68 (7): 1425-1440. doi: 10.1093/jxb/erx024

Want your latest paper featured in the Bulletin? Send it to communication@cspb-scbv.ca



Schematic diagram of a chloroplast showing the formation of stromules. For details see [Fig. 1C in Bross et al. \(2017\), J Exp. Bot](#)

Conference Updates



Upcoming CSPB/SCBV Events

2017 Annual General Meeting: July 4-7, 2017, UBC, Vancouver. Organizer: Geoff Wasteneys

2017 Eastern Regional Meeting: November 24-25, 2017, McGill University, Macdonald Campus, Montreal. Organizers: Jean-Benoit Charron, Olivia Wilkins

2017 Western Regional Meeting - joint meeting Canadian Botanical Association: December 10-13, 2017, University of Manitoba, Regina. Organizers: Mark Belmonte, John Markham

2018 Annual General Meeting, organized as **Plant Biology 2018** - joint meeting with the American Society of Plant Biologists (ASPB) and International Society of Phytosynthesis Research (ISPR), July 14-18, 2018, Montreal. Montreal-located plant biologists who are interested in joining the local CSPB organizing committee are welcome to contact Anja Geitmann geitmann.aes@mcgill.ca.

2019 Annual General Meeting held in the format of a **Plant Canada** meeting, July 2019. CSPB will host this joint meeting. University of Guelph. Organizer: Barry Micallef.

Message from the Vice President

Geoffrey Wasteneys, UBC Vancouver

The CSPB/SCBV Annual General Meetings provide opportunities to connect and reconnect with fellow members. In addition, our meetings offer networking with other affiliated societies. Last year, our AGM in Kingston - Plant Biotech 2016 - was with The Canadian Association for Plant Biotechnology. In 2018, we will be meeting in Montreal with the American Society for Plant Biologists and the International Society for Photosynthesis Research (ISPR). In 2019 we will be hosting the Plant Canada meeting in Guelph, which will include members from the Canadian Botanical Association, the Canadian Phytopathology Society, the Canadian Weed Science Society, the Canadian Society of Agronomy, the Canadian Society for Horticultural Science, and the Canadian Association for Plant Biotechnology.

This July, our AGM Plants from Sea to Sky 2017, is a joint meeting with the Canadian Society for Horticultural Science (CSHS). I am pleased to see our planning efforts coming together to produce what promises to be a stimulating and relaxing conference. Our program is packed with exciting plenary talks, workshops, tours, and social events. The meeting is located on the stunning campus of the



University of British Columbia in Vancouver. All the venues are within easy walking distance of each other.

Please visit the webpage (<http://plantsfromseatosky.botany.ubc.ca/>) in the lead up to the event. Here you will find conference program updates along with the information you need to register, submit abstracts, to book on-campus accommodation and to plan your free time. I hope that you will take the opportunity to spend some extra days to explore Vancouver and the region.

On behalf of the local organizing committee, I am looking forward to welcoming everyone to Plants from Sea to Sky 2017.

Geoffrey Wasteneys

Vice-President and Chair,
Local Organizing Committee

Follow CSPB/SCBV on Twitter during the Annual General Meeting in Vancouver!



Follow us
@cspbscbv

If you have any news to share with the CSPB community, please email Jacqueline Monaghan at

jacqueline.monaghan@queensu.ca

We'd love to hear about new publications, grants, or other updates.

Plant Biology Lecture Series Honours Margaret McCully

Shelley Hepworth & Owen Rowland, Carleton University

Carleton University has recently initiated an annual plant biology lecture series in honor of Dr. Margaret McCully who was an extraordinary teacher and faculty member in the Carleton Biology Department for more than 35 years. She was also an active member of the CSPB during this time. Margaret

is internationally recognized for her pioneering work in microscopy, root anatomy and physiology, for which she was awarded a Lawson Medal from the Canadian Botanical Association in 1996. Following her retirement from Carleton in 1999, she moved to Australia where she continues her work to this day. She

is currently an honorary research scientist at CSIRO and visiting fellow at the Australian National University in Canberra. The McCully Lecture in Plant Biology is held each year in March or April. The theme of the lecture series is “from the lab to the field”. This year’s speaker was Dr. Zhongmin Dong from St. Mary’s University who gave a talk entitled “Why do legume root nodules evolve hydrogen gas”. The previous McCully speakers were Dr. Frédérique Guinel (Wilfrid Laurier) in 2015 and Dr. Bill Plaxton (Queen’s) in 2016. For more information about the lecture series, please contact shelley.hepworth@carleton.ca or owen.rowland@carleton.ca.



Margaret McCully in 2015 (left picture) and Shelley Hepworth (lead organizer M. McCully Lecture Series) and Zhongmin Dong (2017 McCully Speaker)

Treasurer’s News

Sheila Macfie, University of Western Ontario

Membership continues to hold steady at about 400. We would welcome more plant biologists to join our society and I encourage current members to promote us to their colleagues, postdocs and students.

The application process is simple (online: http://www.cspb-scbv.ca/membership_paypal.shtml) or by mail: <http://www.cspb-scbv.ca/documents/MembershipForm.pdf>).

Membership renewal is equally easy and the forms can be accessed through the websites listed above. Des versions françaises des

formulaire d’adhésion sont aussi disponibles (<http://www.cspb-scbv.ca/membership-f.shtml>).

When renewing your membership, you will notice an opportunity to make a donation to one of three charitable funds: the George Duff Travel Fund, the Ann Oaks Scholarship Fund and the new Carl Douglas Endowment Fund. These funds provide valuable support to our students and postdocs

The time has come for our Society to consider slight increases in our membership dues, which have not changed for several years. Be



prepared for a motion on this issue to be presented at the next annual meeting, which be held in Vancouver. If you have opinions about this issue, please do not hesitate to share them with me (smacfie@uwo.ca) before the summer 2017 meeting.

Sheila Macfie

CSPB/SCBV Treasurer

CSPB Inside



CSPB/SCBV Exec Committee Members 2016/2017

Left to right and top to bottom: Anja Geitmann, President (McGill) | Vincenzo De Luca, Past President (Brock University) | Geoff Wasteneys, Vice President (UBC Vancouver) | Barry Micallef, Secretary (U Guelph) | Sheila Macfie, Treasurer (U Western Ontario) | Daphne Goring, Eastern Regional Director (U Toronto) | Mark Belmonte, Western Regional Director (U Manitoba) | Ingo Ensminger, Communications Director and Bulletin Editor (U Toronto) | Emily Indriolo, Education Director (NMSU) | Owen Rowland, Science Policy Director (Carleton) | Shrikaar Kambhampati, Student/PDF Representative (U Western) | Jean-Benoit Charron, Senior Director (McGill)

Committee Members | Composition des Comités

Ann Oaks Scholarship Committee | Comité des Bourses d'Études Ann Oaks

Harold Weger (Regina) Chair 2018
 Elizabeth Weretilnyk (McMaster) Co-Chair 2018
 George Espie (UT Mississauga) 2017
 Doug Campbell (Mt Allison) 2019
 Sharon Regan (Queen's) 2020
 Sheila Macfie (Western Ontario) 2019 Treasurer

C.D. Nelson Award Committee | Comité du Prix C.D. Nelson

Annick Bertrand (AAFC, Québec) 2018 Chair
 Janice Cook (Alberta) 2019
 Jennifer Baltzer (Wilfrid-Laurier) 2019

Communications Committee | Comité des Communications

Ingo Ensminger (Toronto) 2017
 Jacqueline Monaghan (Queen's/Sainsbury) 2018
 Barry Micallef (Guelph) 2018
 Michael Stasiak (Guelph) webmaster

David J. Gifford Tree Biology Award Committee | Comité du Prix David J. Gifford en biologie des arbres

Hugo Germain (UQTR) 2017 Chair
 Armand Séguin (NRC Québec) 2018
 Jorg Bohlmann (British Columbia) 2019

Committee Members continued

Education Committee | Comité en éducation

Emily Indriolo (New Mexico State U) 2017
Jin Suk Lee (Concordia) 2018
Jake Stout (Manitoba) 2019

Gleb Krotkov Award Committee | Comité du Prix Gleb Krotkov

François Ouellet (UQAM) 2017 Chair
Bhinu Pillai (Dow AgroSciences) 2018
Jaswinder Singh (McGill) 2019

Meeting Site Committee | Comité des congrès

Geoff Wasteneys (UBC) 2017
Daphne Goring (Toronto) 2017
Olivia Wilkins (McGill) 2018

Nominating Committee | Comité des candidatures

Jean-Benoit Charron (McGill) 2017 Chair
Steeve Pépin (Laval) 2017
Greg Moorhead (Calgary) 2018

Ragai Ibrahim Award Committee | Comité du Prix Ragai Ibrahim

Danielle Way (Western Ontario) 2017 Chair
Shrikaar Kambhampati (Western) 2018
Jacqueline Bede (McGill) 2019
Jean Danyluk (UQAM) 2019

Society (Gold) Medal Award Committee | Comité de la médaille de la biologie végétale

Line Lapointe (Laval) 2017 Chair
Greg Vanlerberghe (U of Toronto) 2018
Peter Moffett (Sherbrooke) 2019

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Contributors to Bulletin Issue 22

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Ingo Ensminger

The Bulletin is the official newsletter of the Canadian Society of Plant Biologists/Société Canadienne de Biologie Végétale (CSPB/SCBV).

The next Bulletin will appear in November 2017.

Editorial Deadline for Bulletin Issue 24 is

September 30, 2017

Please submit your contributions, comments, photos, suggestions for featured papers, new faculty bios and announcements before the editorial deadline to:

communication@cspb-scbv.ca