

Canadian Society of Plant Physiologists
Société Canadienne de Physiologie Végétale

BULLETIN



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CSPP-SCPV President, Carl Douglas

Message from the President



I would like to start out by thanking Peter Pauls for his leadership during his 2-year term as President of the Society. I would also like to thank other members of the CSPP executive for their hard work behind the scenes. Their volunteer contributions of time and energy are essential in keeping the Society functioning smoothly, and in proposing and evaluating new initiatives in support of plant physiology and plant biology research and teaching in Canada. In particular, I would like to thank Harold Weger, Treasurer and Line Lapointe, Secretary for their long-term service, which has been invaluable to our Society.

It is an honor to represent our Society at a time when plant biology in Canada and internationally has so much to offer in terms of meeting challenges facing human society and the environment, and when our science is progressing so rapidly. It is imperative that our Canadian plant biology community continues to grow and prosper in academic, government, and private sectors, and that young scientists are attracted to and have the opportunity to prosper in plant biology research and teaching in Canada. In my opinion, our Society can and should help to foster a collegial and scientifically vibrant Canadian plant biology community, should strive to play a leadership role in meeting challenges facing society, and should work collaboratively at the national and international levels to promote plant biology and its potential to offer solutions for urgent global problems. The question is – how to make progress on these lofty goals. I would like to outline areas in which we are doing well, and other areas in which new initiatives might make a difference.

The First Strategic Summit of Plant Science Societies

One of my first actions as President was to represent the CSPP at this

Joint Meeting CSPP/SCPV & ASPB
Montreal, July 31st - August 4th 2010



PLAN TO ATTEND PLANT BIOLOGY 2010

July 31-August 4, 2010

A joint meeting of the ASPB and CSPP/SCPV

<http://www.cspp-scpv.ca/PB2010/>

CSPP-SCPV President, Carl Douglas

Message from the President (continued...)

summit, hosted by our (big) sister society, the American Society of Plant Biologists (ASPB) just before the ASPB annual meeting in Honolulu in July of 2009. Peter told you a bit about this in his President's message in the Spring 2009 Bulletin. At the Summit, representatives of 13 plant biology societies from 6 continents convened, and agreed to work together to promote plant science internationally, and collectively work towards solutions to pressing global problems. Following are excerpts from the document produced by the Summit, at which it was proposed to form a "Global Plant Council":

Convening Motion:

That we as representatives of plant science societies of the world formally establish a Global Plant Council to discuss and collaborate on solutions to global issues that impact the future of our world and humanity.

Mission Statement

In recognition of the central importance of plants to humanity and the world, plant science societies have come together to establish the Global Plant Council. The mission of the Council is to define and engage in coordinated strategies that impact the most critical issues facing humankind and to increase awareness of the central importance of plant science in solving these issues. Our shared vision and effort will enable more effective use of knowledge and resources, accelerating progress in solving the challenges of world hunger, energy, climate change, health and well-being, sustainability and environmental protection.

The CSPP Executive voted to endorse CSPP participation in the GPC, which plans to meet for a second time in conjunction with the 2010 joint CSPP/ASPB annual meeting in Montréal, hosted by the CSPP. This will be an excellent way for our society to become a part of an international network of plant biologists with common interests in supporting plant biology research and promoting plant-based solutions to global challenges. More information will follow in the Spring Bulletin.

Meetings

These are at the heart of our Society, and are an excellent venue for both established researchers and students and postdoctoral fellows to present their results to their peers. Following successful CSPP/SCPV Annual Meetings in Ottawa and Burnaby BC, in 2008 and 2009, the CSPP will meet jointly with the ASPB at the Plant Biology 2010 in Montreal. Local organizing committee chair Anja Geitmann and I are members of a joint Program Committee planning this meeting, which will feature a joint CSPP/ASPB Symposium on Pollen Biology and a CSPP President's Symposium on Signals in Plant Development, and (we hope) many Canadian participants in mini-symposia and poster sessions. We think this will be an exciting meeting and will provide a chance to showcase Canadian plant biology. We hope you will join us in Montreal.

The 2009 Eastern Regional Meeting was held in Guelph in December, and the Western Regional Meeting will be held in Victoria in early May 2010. These meetings offer an excellent chance to catch up on local colleagues' work, and provide a special opportunity for students to present their results orally.

The CSPP takes particular pride in supporting students and postdoctoral fellow participation at annual and regional meetings, via Duff travel awards for travel to annual meetings, awards for best student oral and best poster presentations. These awards (with the exception of best oral) will be given out in conjunction with the 2010 joint CSPP/ASPB meeting, and we hope for a good student/postdocs attendance. There will also be special workshops for early career scientists at the Montreal meeting, and a seat on the CSPP executive committee is reserved for an elected student/postdoctoral fellow representative (many thanks to Allison McDonald for her effective and insightful service as the current representative).

CSPP/SCPV as a Canadian national society for experimental plant biology

The CSPP is in excellent financial health, has maintained a respectable membership base, is involved in new initiatives, and has well attended national and regional meetings. Nevertheless, in my mind, two challenges the CSPP faces are 1) to find ways to increase participation in the CSPP by experimental plant biologists in Canada, and 2) to find ways to raise the profile of plant biology nationally and locally in order to help ensure adequate future research funding for our work. Perhaps the two can go hand in hand. While we have a solid membership base, it is clear that there are many members of the Canadian experimental plant biology community who choose not to be associated with the Society. Such members would enrich our scientific meetings and enhance our effectiveness as an advocate for plant biology in Canada. It is particularly important to encourage participation by early career scientists, both students and postdocs and younger academic and government/private sector scientists. The CSPP-SCPV Executive has discussed this issue, and we would welcome your feedback on ways to increase participation. You can email any suggestions to me at president@cspp-scpv.ca.

By way of opening the discussion, though, here are some ideas, some fairly easy, some that may be more controversial:

- Make it easier to join the CSPP/SCPV by offering the option of joining the Society when registering for meetings.
- Provide incentives to current members for recruiting of new members, for example offering free membership to those who recruit five or more new members.
- Encourage our departmental and institutional colleagues to attend regional and national meetings.
- Better publicize the exciting breadth of plant biology research represented by CSPP

CSPP-SCPV President, Carl Douglas

Message from the President (continued...)

members – from whole plant physiology and ecophysiology, to cell biology, genetics and genomics, to applied crop and tree biology.

- Highlight research and teaching accomplishments of prominent CSPP members

- Consider changing our venerable Society names (Plant Physiology/Physiologie Végétale) to something more descriptive of the science we represent as a Society, and that may be more obvious to those who are less familiar with plant science and

the history of plant physiology as a discipline.

Again, please email any comments or suggestions to president@cspv.ca, and I will ensure that your voice is heard.

Carl Douglas,
President

CSPP-SCPV Treasurer, Harold Weger

Treasurer's Notes



Membership renewal time is again upon us. As in the recent past, Society members may renew their memberships for one, two or three years. Renewal forms are mailed to all current members, and are also available on the CSPP-SCPV web site in both official languages.

The membership renewal form also space for donations to the Duff

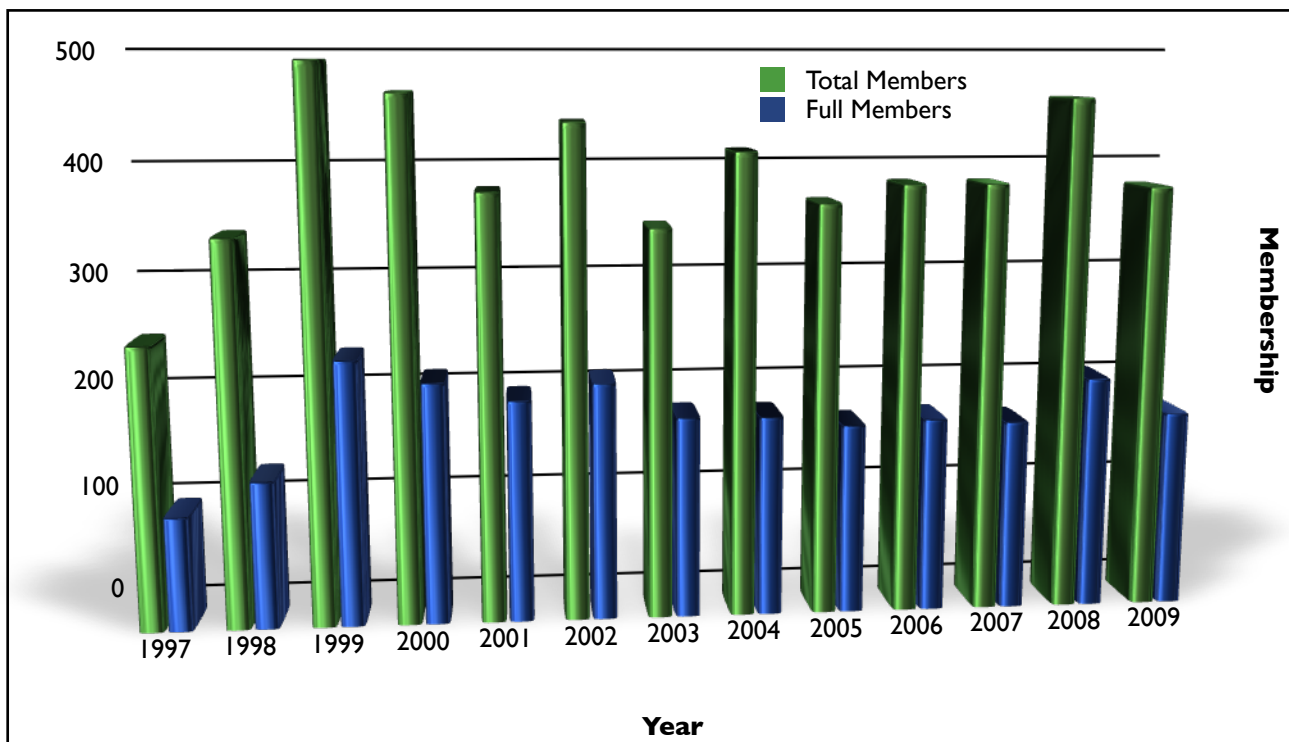
Travel Fund and the Oaks Scholarship Fund. The Society collects approximately \$1000 annually in donations to the Travel Fund, and has awarded an average of \$8000 per year for student travel (and post-doc travel, starting in 2009) to the national conference for the last three years. This is a large increase from the approximately \$3000 per year that was budgeted in 2002 and 2003.

This year, \$10,000 has been allocated to the Duff Travel Fund for the 2010 joint CSPP-ASPB conference in Montréal. As in 2009, both students and post-doctoral fellows are eligible to apply. Applications for travel funding should be sent to Neil Emery, the CSPP's Eastern Region Director. The application form is available in both official languages

from the Society's web site, at <http://www.cspv.ca/datafiles/TravelApplications2010.pdf>.

With respect to membership, I've plotted Society membership trends since 1997. We had a sharp increase in membership in the late 90's, and have been holding steady since then. However, I think that the CSPP represents plant biology in all its aspects, and would like to see membership levels increase further. If you have colleagues who are plant biologists but are not yet CSPP members, please do ask them to consider joining this broad-based and inclusive Society.

Harold Weger,
Treasurer



CSPP-SCPV Eastern Regional Director, Neil Emery

Eastern Regional News



The 2009 Eastern Regional Meeting of the Canadian Society of Plant Physiologists was held in association with the annual Plant Development Workshop at the University of Guelph on December 4 & 5th. The meeting organization was spearheaded by Barry Micallef with Bernard Grodzonski, Ian Tetlow and Larry Peterson rounding out the organization committee. Taking full advantage of Guelph's showpiece Rozanski Hall, the concourse provided an excellent gathering space for poster interactions while the lecture halls showcased excellence in plenary and regular session oral presentations.

Participants arrived Friday December 4 for registration and a mixer in the nearby Bullring, an ex-livestock showroom, which allowed participants to leave their workweek behind and prime their synapses for an invigorating expose of plant science breakthroughs on the next day.

Once again, the Eastern Regional meeting proved very popular with over 180 registrants enjoying more than 100 research contributions as either posters or talks. They packed the main lecture hall for plenary talks by Aron Fazekas from Guelph (DNA barcoding), and Robertson McClung of Dartmouth (circadian clock function) in the morning followed by Jim Giovannoni of the Boyce Thompson Institute (genomics of fruit development) in the afternoon.

Six regular sessions of talks were unrolled through the day and the majority of these were presented by students who were judged for two awards – the Regional Director's Seminar Award and the Organizers' Seminar Award. A dedicated team of judges deliberated through the day on a tight schedule and awarded the Regional Director's Award to Katja Engel (Waterloo) for her presentation on the functional analysis of adenosine recycling enzymes. The Organizers' Award went to Lynn Richardson (Guelph) for the characterization of the Arabidopsis ESCRT machinery. All judges remarked strongly on the high quality of presentations and, reflecting this, insisted on four Honourable Mentions that went to: Ishari Waduware (Waterloo), William Urquhart (Toronto), Fadi Al-Daoud (McMaster) and Blair Nameth (Guelph).

The competition for the Regional Director's Poster Award and the Organizers' Poster Award was also quite intense. Judges remarked on the enthusiasm, knowledgeable, composure to questions and excellent quality of data that was pervasive among the candidates. Andrej Arsovski (McGill) won the Director's award for showing that the *MUM ENHANCER 4* gene is required for mucilage production in seed coats, while Kimberley Chin (Toronto) received the Organizers' Award for her efforts on binding domains and the regulation of cyclic nucleotide gated ion channels. An Honourable mention went to Joe Martin (Guelph).

If the conference was any indication of our society as a whole, it is obvious that there is a very engaged and enthusiastic contingent of Eastern members (and some covert Western members) at all levels from students, through postdocs and primary investigators. The attendance and quality of talks and posters were a testament to the amazing organizational efforts of Barry Micallef and his committee and their supporters including co-organizers, Guelph professors and students, session chairs and judges. On behalf of the Eastern Region, I thank them all very much.

Neil Emery,
Eastern Regional Director

CSPP-SCPV EASTERN REGIONAL MEETING & PLANT DEVELOPMENT WORKSHOP STUDENT AWARDS

POSTER AWARDS

Andrej Arsovski (McGill) Director's Poster award
Kimberley Chin (Toronto) Organizers' Poster Award

POSTER AWARDS

Katja Engel (Waterloo) Director's Seminar award
Lynn Richardson (Guelph) Organizers' Seminar Award

Details on the award winners found in the accompanying text above. (Pictures courtesy of Susanne Kohalmi)



CSPP-SCPV Western Regional Director, Peter Constabel

Western Regional News



This year's CSPP Western Regional Meeting will be held at the University of Victoria on May 10th, 2010, and will be organised jointly with UVic's Forest Biology Symposium. The Symposium is hosted by the UVic Centre for

Forest Biology every two years, and brings together provincial, federal, and university scientists from Victoria and elsewhere in B.C.

The theme of the Symposium will be in the area of Forests, Genetic Diversity, and Climate Change, and our invited speakers are Dr Tom Whitham from Northern Arizona University, and Dr Werner Kurz, from the Pacific Forestry Centre in Victoria.

Of course, we encourage contributed talks and posters from all areas of plant biology, and this regional meeting is great venue for

graduate students to present their latest results in plant biology research in an informal setting.

More details can be found on the CSPP web site <http://www.cspp-scpv.ca/wrm2010/>. Please mark your calendars. I hope to see many of you here in beautiful Victoria this May!

Peter Constabel,
Western Regional Director

CSPP-SCPV Science Policy Director, Jon Page

Update on CSPP-SCPV Science Policy



As CSPP-SCPV President Carl Douglas outlines in this issue, the CSPP can and should play a greater role in addressing how plant physiologists/biologists can contribute to solving the problems facing our planet. One example of how the CSPP has been involved is our recent endorsement of a letter from the World Wildlife Fund – Canada urging Prime Minister Harper and the Canadian Parliament to take action in reducing greenhouse gas emissions (see www.wwf.ca/conservation/global_warming/copenhagen/december2009/take_action/scientists_voice.cfm). We joined 11 other Canadian scientific societies in supporting this letter; the ASPB signed a similar letter on climate change sent to all US Senators in October 2009. Bill Plaxton initially brought the WWF letter to the attention of the Executive. The CSPP's involvement posed a somewhat contentious issue for the Executive since, although there was

unanimous support in taking a position on climate change, it was not clear if the CSPP could or should add its name to the letter. There was concern that we would be speaking for our membership without consulting them first, and lots of email discussion ensued on this issue. After a vote, we decided to endorse the letter as climate change was deemed too important for us to ignore in the lead-up to Copenhagen. Perhaps at the next annual meeting we can clarify the process for consulting the membership about the policy positions taken by the CSPP.

The CSPP also needs to get more involved in shaping science policy in Canada. For those of you who missed it, the January 14th issue of *Nature*¹ had an excellent editorial on Canadian science which highlighted the lack of a national organization, such as the AAAS, advocating on behalf of science. It also made a plug for the Partnership Group for Science and Engineering (PAGSE, www.pagse.org). The PAGSE is an Ottawa-based organization that works to represent the Canadian science community to the Government of Canada. The CSPP is in the process of applying for membership in the PAGSE and I'll report back on this in the next newsletter. Joining the PAGSE will

help the CSPP network with other societies attempting to strengthen the profile of science in Canada.

The new system of NSERC grant review was also discussed at the ERM 2009. The CSPP would like to receive updates on its implementation, as it will have (or has had) a major impact on the funding of CSPP members. There will be a workshop session with granting agencies at the CSPP/ASPB meeting in Montreal.

Let me know if you have any ideas or comments about policy issues affecting the CSPP (jon.page@nrc-cnrc.gc.ca).

Jon Page,
Science Policy Director

¹*Nature* 463, 135 (14 January 2010)
"Call for a bigger vision"

News and Events

CSPP-SCPV 2009 Annual Meeting**PAST PRESIDENT PRESENTS AWARDS AT CSPP-SCPV ANNUAL MEETING IN VANCOUVER****CSPP-SCPV RECOGNISES SIGNIFICANT CONTRIBUTIONS MADE BY LEADING CANADIAN PLANT BIOLOGISTS, AND EXCELLENCE IN STUDENT PUBLICATIONS**

Past CSPP-SCPV President, Peter Pauls (on the right in both photos), presented the CSPP Gold Medal / La Médaille d'Or de la SCPV to UBC professor, Brian Ellis (pictured in left photo), and a certificate in recognition of Honourable Mention for the Ragai Ibrahim Prize to Mr. R. Glenn Uhrig (pictured in right photo). Full details of the award recipients are provided in the award citations that follow in this issue of the CSPP-SCPV Bulletin (pages 6 and 7). A full report on the Annual Meeting will appear in a future issue of the Bulletin. (*Photos courtesy of Jim Mattsson*)



News and Events

CSPP-SCPV Award Recipients**JAMES UNIACKE IS AWARDED 2008-2009 RAGAI IBRAHIM PRIZE****PRIZE FOR BEST STUDENT PUBLICATION IS AWARDED FOR PAPER BASED ON RESEARCH CONDUCTED AT CONCORDIA UNIVERSITY**

CSPP-SCPV is pleased to announce that the 2008-2009 winner of the Ragai Ibrahim Prize for best published student paper (in the 2007-2008 calendar year) is Dr. James Uniacke, a former PhD student of Dr. William Zerges at Concordia University. Honourable Mention for the Ragai Ibrahim Prize is awarded to Mr. R. Glenn Uhrig, a former graduate student of Dr. William Plaxton of Queen's University.

Dr. Uniacke's research, published in the *Journal of Cell Biology*¹, represented a transformative advancement in our knowledge of how oxidative stress is regulated through the assembly and disassembly of chloroplast stress granules. He demonstrated that chloroplasts, under stress, manage their mRNAs with RNA granules. His discovery in this rapidly advancing field in cell biology revealed that this process, involving an organelle of bacterial lineage, is an ancient phenomenon. Jim's work has opened entirely new avenues of research in plant cell biology and stress physiology.

Mr. Uhrig's work, published in the *Journal of Biological Chemistry*² is unique in describing how posttranslational modification, specifically ubiquitination, influences the properties of a metabolic enzyme. While ubiquitination has been shown to influence several processes in cells, this is the first example in which ubiquitination has been shown to alter the kinetic and regulatory properties of a metabolic enzyme. Mr. Uhrig's paper was acknowledged by the journal as a 'paper of the week', placing it in the top one percent of papers published by the journal and earning it cover recognition in the issue.

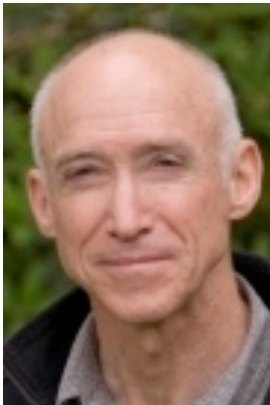
In all, there were five strong submissions this year, each one being worthy candidates for the Ragai Ibrahim Award.

Rob Hill,
Chair of the Ragai Ibrahim Award
Committee

¹Uniacke, J., and Zerges, W. (2008) Stress induces the assembly of RNA granules in the chloroplast of *Chlamydomonas reinhardtii*. *J Cell Biol* 182, 641-646

²Uhrig, R.G., She, Y.M., Leach, C.A., and Plaxton, W.C. (2008) Regulatory monoubiquitination of phosphoenolpyruvate carboxylase in germinating castor oil seeds. *J Biol Chem* 283, 29650-29657

News and Events

CSPP-SCPV Award Recipients
BRIAN ELLIS NAMED RECIPIENT OF 2009 CSPP GOLD MEDAL / MÉDAILLE D'OR DE LA SCPV
PLANT BIOCHEMIST RECOGNISED FOR THE IMPACT HE HAS HAD ON PLANT BIOLOGY

Former CSPP-SCPV Vice-President, Professor Brian E. Ellis, has been recognised for his substantial contributions to plant biology research, teaching, and policy in Canada and abroad. The CSPP Gold Medal / La Médaille d'Or de la SCPV is the highest honour bestowed by the society.

Brian obtained his Ph.D. from UBC in 1969. After holding postdoctoral positions in Germany and here at Trent University, he joined the Department of Chemistry and Biochemistry at the University of Guelph in 1973, where he rose to the rank of Full Professor and served as the Acting Director of the Centre for Plant Biotechnology. He left Guelph in 1989 to become Head of the Department of Plant Science at UBC. He is currently a Professor in the Department of Plant Science in the Faculty of Land and Food Systems, and the Associate Director of the prestigious Michael Smith Biotechnology Laboratories.

Brian has left his mark on several areas of the plant biology. During the pre-UBC period, Brian's primary research interests were in the secondary metabolism, with an emphasis on phenolic and phenylpropanoid metabolism. He produced a large, thoughtful and influential body of work during this period, which is still cited by others. During this time, he also trained an outstanding cadre of students who have gone on to make their own impacts in the field of plant biochemistry. After arriving at UBC, Brian's research interests broadened beyond phenylpropanoid metabolism, notably to take advantage of the revolutionary changes in plant biology that were being ushered in by molecular biology, genetics and the Arabidopsis model system. He explored aspects of tree biology with respect to lignin deposition and phenylpropanoid metabolism; elicitor and ozone activated changes in gene expression; and projects of a more applied interest to the BC's

agricultural industry such as the molecular biology of raspberry flavor component biosynthesis. From the mid-1990s to the present, Brian's research has focused on three major areas: 1) MAPK-mediated signaling pathways, primarily using Arabidopsis; 2) secondary wall, fibre and xylem properties; and 3) tree (especially poplar) and Arabidopsis genomics and proteomics. His group has made key discoveries on protein phosphorylation signaling mechanisms by which plants sense and respond to environmental changes. He is a leader nationally and internationally in the field of tree genomics.

He is the author or co-author of over 130 publications in an array of leading journals, including – to name a few – Science, Plant Physiology, Plant Journal, Plant Cell, PLoS ONE, Trends in Plant Science, Journal of Biological Chemistry, Plant Molecular Biology, and PNAS. He is co-editor of a 1994 book on "Genetic Engineering of Plant Secondary Metabolism", four book chapters, two patents under review, and has delivered numerous invited lectures at prestigious national and international conferences and at institutions around the world.

Brian has been tremendously successful in obtaining funding for his research, and he has played leadership roles in several multi-investigator projects. These include – to name some of the more prominent ones – PI roles in three multi-investigator Strategic Grants on the manipulation of lignin deposition and fiber differentiation; leader of a national NSERC-funded multi-institutional Plant Fibre

Network; one of four co-PIs on the Genome Canada Treenomix project in Forestry Genomics; and a sub-group leader in the NSERC-funded Green Crops Network.

Brian has played leading roles in the field of science policy and plant biotechnology at the national scene, notably his service on the Science and Industry Advisory Committee of Genome Canada; NSERC Plant Biology and Food Science GSC, and Group Chair for the Life Sciences; and co-chair of the Royal Society of Canada's Expert Panel on "The Future of Food Biotechnology".

Brian is a long-standing member of CSPP, and served as its Vice President from 2001 to 2002. He also served as the President of Phytochemical Society of North America (1990-91), and has been on the editorial boards of six disciplinary journals.

The sustained national and international impact of his research; his careful, thoughtful, innovative and collaborative approach to science; his training and mentoring of numerous successful students and associates who populate Canadian and international labs; and his dedicated service to science and society make Brian an outstanding and fitting candidate for the award of CSPP Gold Medal.

Deep Saini,
Chair of the CSPP/SCPV Gold Medal Award Committee

News and Events

Member News

FORMER CSPP-SCPV PRESIDENT ASSUMES NEW EXECUTIVE ROLE AT UNIVERSITY OF TORONTO

DEEP SAINI APPOINTED VICE-PRESIDENT AND PRINCIPAL OF UNIVERSITY OF TORONTO MISSISSAUGA

Former CSPP-SCPV President, Professor Hargurdeep (Deep) Saini, currently Dean of the Faculty of Environment at the University of Waterloo, has been appointed the new Vice President and Principal of the University of Toronto Mississauga. The appointment, a five-year term, begins on July 1, 2010.

"I'm delighted that Prof. Deep Saini is joining us as Vice President and Principal of the University of Toronto Mississauga," said University of Toronto President David Naylor. "A fine scholar and generous mentor, Deep Saini has a very strong record of innovative leadership at the Université de Montréal and more recently the University of Waterloo. I am confident that Prof. Saini will provide outstanding leadership for our dynamic west campus."

The University of Toronto Mississauga is one of three campuses at the University of Toronto. Established in 1967, it is U of T's second-largest division with 14 academic departments, an Institute of Communications and Culture, 149 programs and 90 areas of study. It is academic home to about 11,000 undergraduate students, 430 graduate students and 700 faculty and staff.

Prior to joining the University of Waterloo, Deep taught at the Université de Montréal in the Département de sciences biologiques, Institut de recherche en biologie végétale (Plant Biology Research Institute). He served as the Institute's Director General from 1996-2001, leading it through a period of significant change guided by strategic planning exercise.

Deep holds a doctorate in Plant Physiology from the University of Adelaide, Waite Agricultural Research Institute (1982); an M.Sc. (Honours) in Botany (1977); and, a B.Sc. (Honours) in Botany (1975) from Punjab Agricultural University in Ludhiana, India. He began his Canadian academic career in 1982 at the University of Alberta as a Post-Doctoral Fellow in the Department of Plant Science.

Deep served as President of the Canadian Society of Plant Physiologists from 2003-05, and President of the Federation of Canadian Plant Science Societies from 2005-07. In 2009, he was appointed to Export Development Canada's Advisory Council on Corporate Social Responsibility and recently represented the University of Waterloo as a member of the Ontario Premier's "2009 Clean Tech Mission to India."

Deep is currently a member of NSERC's 'Biological Systems and Functions' grant selection panel, the Associate Editor of the *Canadian Journal of Botany* (since 2003), and has also served as Consulting Editor of the *Journal of Crop Production* (1997-2000).

(University of Toronto Press Release)

CSPP-SCPV Awards Committees

Nominations for CSPP Awards

The Canadian Society of Plant Physiologists invites nominations for its major awards to be presented at the Society's annual meeting in 2010. The details concerning the nature of each award, eligibility and qualifications of the nominees as well as the procedure to be followed by the nominators are given in the appropriate By-Laws in the Society's Constitution, a pdf version of which can be downloaded from the web site of the society (www.cspp-scpv.ca). These details, as well as lists of past recipients, are also included in the CSPP Membership Directory. The nominations for each award must be

received by the Chair of the respective award committee (see addresses below) by March 31, 2010.

The CSPP Medal (The Gold Medal)

The medal is awarded either for outstanding published contributions or for distinguished service to plant physiology, primarily in Canada (see By-Law 11). The nominations should be sent to: Dr. Daphne Goring, Department of Cell and Systems Biology, University of Toronto, Toronto, ON, email: d.goring@utoronto.ca

The C.D. Nelson Award in Plant Physiology

The Award is given for outstanding research contributions to plant physiology. Special consideration will be given to originality and independence of thought. Nominees shall have been in an independent, full-time research position for no more than 10 years (see By-Law 12). The nominations should be sent to: Dr. Daniel Matton, Département de sciences biologiques, Université de Montréal, Montréal, QC, email: dp.matton@umontreal.ca

CSPP-SCPV Awards Committees

Nominations for CSPP Awards (continued...)**The David J. Gifford Tree Physiology Award**

The Award is given for outstanding research contributions in tree physiology, primarily in Canada. Special consideration will be given to originality and independence of thought (see By-Law 13). The nominations should be sent to: Dr. Chris Todd, Department of Biology, University of Saskatchewan, Saskatoon, SK, email: chris.todd@usask.ca

The Gleb Krotkov Award of the CSPP

The Award is given for outstanding service to the Society, both in administration and in scientific contributions to annual meetings (see By-Law 14). The nominations should be sent to: Dr. André Laroche, Research Centre, Agriculture and Agri-Food Canada, Lethbridge, AB, email: andre.laroche@agr.gc.ca

The Ragai Ibrahim Award

Have you particular pride in one of your current students for the great paper she/he published this year? Do you know of a current student or a student who graduated in 2008/2009 who published an impressive paper in 2009? Give them further recognition for their

great efforts by nominating them for **The Ragai Ibrahim Prize for best student paper**. The nomination is a simple process, you need only be a member of the Society. See the details below. Don't procrastinate, do it now! You'll get a great deal of pleasure out of their winning the award.

Criteria: A peer reviewed paper either in print or on line will be nominated by the supervisor of the student, and will be evaluated on the impact or potential impact that work will have on plant science. The nominated student will be the first or primary author of the work, and the paper must be based on work that the nominee performed as a student (graduate student or undergraduate). The nominee must be a member of the CSPP.

The award is based on the calendar year (January 1 to December 31). Nominations are due by January 31 of the following year. The nominee must be a student, or alternatively, have completed their graduate/ undergraduate program no more than 12 months prior to the date of publication of the paper. Each year there will be one winner and an honorable mention.

Nomination: Send a PDF copy of the paper to the Chair of the Ibrahim Award Committee at IbrahimAward@cspp-scpv.ca by **January 31**. Please include a brief summary of why the paper merits consideration for the award (one page maximum on official letterhead), and indicate whether the nominee is still a student or whether they have completed their program (please indicate date of completion). The contribution of the candidate must be fully described on any multi-authored paper, i.e., the intellectual contribution to the design of the experiments, the contribution to each figure and table in the manuscript and the contribution to the writing of all parts of the manuscript. The winner of the prize will be decided by March 1, and the winner will be notified. The award will be presented at the CSPP Annual Meeting.

Value of Prize: The winner will receive a framed certificate and a cheque for 350 dollars.

Rob Hill,
Chair of the Ragai Ibrahim Award Committee

CSPP-SCPV Awards Committees

Candidatures pour les prix de la SCPV

La Société canadienne de physiologie végétale vous invite à soumettre des candidatures pour les Prix de la Société qui seront remis lors du prochain congrès annuel en 2008. Les conditions d'éligibilité aux différents Prix (qualifications des candidats, procédures à suivre et caractéristiques des prix) sont décrits dans les Arrêtés de la Constitution de la SCPV. Une version pdf de la Constitution est disponible sur le site internet (www.cspp-scpv.ca) de la Société. Ces détails ainsi que la liste des précédents récipiendaires est également disponible dans la 'Liste des Membres' de la SCPV. La date limite de réception des candidatures auprès des différents présidents des comités responsables de l'évaluation des candidatures (voir les adresses ci-après) est fixée au 31 mars 2010.

La Médaille de la SCPV (La Médaille d'or)

La Médaille est décernée à un membre s'étant distingué soit par des publications exceptionnelles ou par ses services à la physiologie végétale, principalement au Canada (voir Arrêté no. 11). Les candidatures doivent être envoyées à : Dr. Daphne Goring, Department of Cell and Systems Biology, University of Toronto, Toronto, ON, courriel: d.goring@utoronto.ca

Le Prix C.D. Nelson en physiologie végétale

Ce Prix est décerné pour des contributions exceptionnelles à la recherche en physiologie végétale. Une attention particulière sera accordée à l'originalité et à la créativité des travaux. Les candidats doivent détenir un poste de chercheur indépendant, à temps

plein, depuis moins de 10 ans (voir Arrêté no. 12). Les candidatures doivent être envoyées à : Dr. Daniel Matton, Département de sciences biologiques, Université de Montréal, Montréal, QC, courriel: dp.matton@umontreal.ca

Le Prix David J. Gifford en physiologie des arbres

Ce Prix est décerné pour des contributions exceptionnelles à la recherche en physiologie des arbres, principalement au Canada. Une attention particulière sera accordée à l'originalité et à la créativité des travaux (voir Arrêté no. 13). Les candidatures doivent être envoyées à : Dr. Chris Todd, Department of Biology, University of Saskatchewan, Saskatoon, SK, courriel: chris.todd@usask.ca

CSPP-SCPV Awards Committees

Candidatures pour les prix de la SCPV (continued...)**Le Prix Gleb Krotkov de la SCPV**

Ce Prix est décerné pour service exceptionnel rendu à la Société, autant dans l'administration de la Société qu'en termes de contributions scientifiques lors des congrès annuels de la Société (voir Arrêté no. 14). Les candidatures doivent être envoyées à : Dr. André Laroche, Centre de recherche, Agriculture et Agro-alimentaire Canada, Lethbridge, AB, courriel : andre.laroche@agr.gc.ca

Le Prix Ragai Ibrahim

Êtes-vous particulièrement fier d'un article publié cette année par un de vos étudiants? Connaissez-vous un étudiant qui est toujours aux études ou qui a terminé en 2008/2009 et qui a publié un excellent article en 2009? Soumettez leur candidature pour le Prix Ragai Ibrahim afin que leurs efforts soient reconnus. La procédure est simple, il leur suffit d'être membre de la SCPV. Voir détails ci-après. N'attendez pas, faites-le dès maintenant! Vous en tirerez certainement un plaisir immense si l'un de vos étudiants obtient le prix.

Critères de Sélection. Un article publié soit en version papier ou en ligne dans une revue avec comité de lecture peut être proposé par le superviseur de l'étudiant(e), et sera évalué quant à l'impact actuel ou potentiel que ce travail aura en biologie végétale. L'étudiant doit être premier auteur ou l'auteur principal du travail, et l'article doit être basé sur les travaux que le candidat a réalisés durant ses études (aux 1^{er}, 2^e ou 3^e cycles). Le candidat doit être un membre de la SCPV.

Le prix est remis annuellement pour des articles publiés au cours de l'année précédente (1^{er} janvier au 31 décembre). Les candidatures doivent être déposées au plus tard le 31 janvier de l'année suivante. Le candidat doit être étudiant ou avoir complété ses études de 1^{er}, 2^e ou 3^e cycles moins de 12 mois avant la date de publication de l'article. Le comité identifiera un gagnant et une mention honorable à chaque année.

Candidatures: Une copie pdf de l'article doit être envoyé au président du Comité du Prix Ragai

Ibrahim à l'adresse suivante : IbrahimAward@cspp-scpv.ca au plus tard le **31 janvier 2010**. Cet envoi doit être accompagné d'un court texte expliquant pourquoi cet article devrait être considéré pour le Prix Ragai Ibrahim (une page maximum sur papier en-tête). De plus, veuillez indiquer si le candidat est toujours étudiant ou s'il a complété ses études (indiquer alors la date de fin des études). La contribution du ou de la candidate doit être décrite en détail pour tous les articles multi-auteurs i.e. la contribution intellectuelle au dispositif expérimental, la contribution à chacun des tableaux et à chacune des figures, et la contribution à la rédaction de chacune des parties du manuscrit. La décision sera prise le 1^{er} mars et le gagnant en sera informé. Le prix sera remis lors du congrès annuel de la SCPV.

Prix. Le gagnant recevra un certificat ainsi qu'une bourse au montant de 350 dollars.

Rob Hill,
Président du Comité du Prix Ragai Ibrahim

CSPP-SCPV Sponsored Events

Upcoming Meetings

**Joint CSPP 2010 Western Regional Meeting &
UVic Forest Biology Symposium
May 10th, 2010
University of Victoria**

<http://www.cspp-scpv.ca/wrm2010/>

CSPP-SCPV Sponsored Events

Upcoming Meetings

Plant Biology 2010

Bringing together the global community of plant biologists.

Montréal



July 31 - August 4, 2010

JOINT MEETING

The American Society of Plant Biologists
and

The Canadian Society of Plant Physiologists –
La Société Canadienne de Physiologie Végétale



Photo: © Tourisme Montréal, Stéphan Poulin

<http://www.cspp-scpv.ca/PB2010/>

Early Registration Deadline: May 7

Abstract Deadline (for consideration for mini-symposia): March 12

CSPP-SCPV Contact & Local Organisation Committee Chair:

Anja Geitmann (anja.geitmann@umontreal.ca)

External Events

Upcoming Meetings


2nd Banff
Conference
on Plant
Metabolism

Genome Alberta

PhytoMetaSyn

The Banff Centre
inspiring creativity

**JUNE
24-28
2010**
THE BANFF CENTRE
BANFF, ALBERTA, CANADA

plantmet@ucalgary.ca
www.ucalgary.ca/plantmetabolism2010



FESPB 2010
XVII Congress of the Federation of European Societies of Plant Biology (FESPB)

4-9 July 2010
Valencia, Spain

The Organizing Secretariat invites you to attend the XVII Congress of the Federation of the European Societies of Plant Biology (FESPB), that will be held in Valencia, Spain, from July 4-9 2010.

Please visit the official website of the Congress at: <http://www.geyseco.es/fespb/> where you will find the Preliminary Scientific Programme, the topics, and all the useful information regarding the Congress.

External Events

Upcoming Meetings

Fifth International Symposium on Physiological Processes in Roots of Woody Plants

August 8th to 12th, 2010
University of Victoria, Victoria, BC, Canada

This conference will attract those studying:
mycorrhizal physiology; nutrient and water acquisition; carbon allocation;
root physiology, anatomy, morphology, development and turnover;
rhizosphere processes; and chemical ecology.

Keynote Speakers:

Kurt Fagerstedt – Biological and Environmental Sciences, University of Helsinki
Peter Millard – Macaulay Land Use Institute, Aberdeen
Carol Peterson – Biology, University of Waterloo
Kathleen Treseder – Ecology and Evolutionary Biology, University of California, Irvine

Visit www.uvic.ca/woodyroots

Co-Chairs:

Dr. Melanie Jones, UBC Okanagan
Dr. Barbara Hawkins, UVic
Contact: woodyrts@uvic.ca



CSPP-SCPV Membership

CSPP Executive and Committee Members (2009-2010)**EXECUTIVE***President:*

Carl Douglas (British Columbia) 2011

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Bill Plaxton (Queen's) 2011

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Line Lapointe (Laval) 2010

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Harold Weger (Regina) 2010

*Communications Director/Bulletin**Editor:*

Malcolm Campbell (Toronto) 2011

Western Regional Director:

Peter Constabel, (Victoria) 2011

Eastern Regional Director:

Neil Emery (Trent) 2010

Senior Director:

Rob Guy (British Columbia) 2011

Science Policy Director:

Jon Page (NRC-PBI) 2010

Education Director:

Anja Geitmann (Montreal) 2011

Student/PDF Representative:

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Peta Bonham-Smith (Saskatchewan) 2010

C.D. Nelson Award Committee

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Barry Shelp (Guelph) 2011
Dominique Michaud, Laval 2012

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Malcolm Campbell (Toronto) 2011 Chair
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Michael Stasiak (Guelph) webmaster
Gordon Gray (Saskatchewan) 2012

David J. Gifford Tree Physiology Award Committee

Chris Todd (Saskatoon) 2010 Chair
Janice Cook (Alberta) 2011
Shawn Mansfield (British Columbia) 2012

COMMITTEE MEMBERSHIPEducation Committee

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Christiane Charest (Ottawa) 2012
Sangeeta Dhaubhadel (AAFC London) 2012

Gleb Krotkov Award Committee

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Normand Brisson (Montreal) 2012

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Ragai Ibrahim Award Committee

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Jean Rivoal (Montreal) 2010
Allison McDonald (Western) 2010

Society (Gold) Medal Award Committee

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Rob Mullen (Guelph) 2011
Vince De Luca (Brock) 2012

Dates after names above indicate the year of the annual meeting at which each appointment ends. Nominations are now open for positions becoming available in 2010 and can be sent to the Senior Director at rob.guy@ubc.ca. Nominations will be received until April 30, 2010. A separate call for nominations for the Student/PDF Representative will occur by email in February.

CSPP-SCPV Bulletin Production

Contributors

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Harold Weger CSPP/SCPV Treasurer
Peter Constabel CSPP/SCPV Western Regional Director
Neil Emery CSPP/SCPV Eastern Regional Director
Jon Page CSPP/SCPV Science Policy Director
Line Lapointe CSPP/SCPV Secretary
Deep Saini Chair, Gold Medal Award Committee
Rob Hill Chair, Ragai Ibrahim Award Committee
Malcolm Campbell CSPP/SCPV Communications Director and Bulletin Editor

We welcome comments and suggestions for future issues of the CSPP/SCPV Bulletin.

Please send correspondence to communication@cspp-scpv.ca

The next issue of the Bulletin will be April 2010.