



NEWSLETTER

CANADIAN SOCIETY for HORTICULTURAL SCIENCE
SOCIÉTÉ CANADIENNE DE SCIENCE HORTICOLE

Your executive / Votre exécutif

President	<i>Samir Debnath, NL</i>	<i>Président</i>
Vice President	<i>Kris Pruski, NS</i>	<i>Vice-président</i>
Secretary-Treasurer	<i>Diane Edwards, AB</i>	<i>Secrétaire trésorier</i>
Prairie representative	<i>Bob Bors, SK</i>	<i>Représentant des Prairies</i>
Western representative	<i>Karen Tanino, SK</i>	<i>Représentante d'ouest</i>
Central representative	<i>Anissa Poleatewich, ON</i>	<i>Représentante du centre</i>
Eastern representative	<i>Valérie Gravel</i>	<i>Représentante de l'est</i>
Past President	<i>Denis Charlebois, QC</i>	<i>Président sortant</i>

Winter 2015

ISSUE

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PRESIDENT'S CORNER



Dear Colleagues,

Greetings to everyone from the Canadian Society for Horticultural Science (CSHS) Executive Committee. We hope you had a wonderful summer and we look forward to an exciting and active year ahead.

I am proud of the work and accomplishments of the CSHS during 2015 and would like to take this opportunity to thank the executive members for their extraordinary work and commitment. We had an excellent Botany 2015 conference in Edmonton, AB this year. I am thankful to all volunteers and the CSHS Executive Committee members (Karen - organized the CSHS presentations, Diane, Kris – arranged CSHS Invited Speakers, Valerie, Bob and Anissa) for their great help in the conference. Thanks are also due to Dr. Ron Howard, Dr. Mohyuddin Mirza and Dr. John Zhang for organizing the CSHS-supported workshop entitled, “Commercial Greenhouse Lighting: Techniques and Practicalities” during Botany 2015 Joint Conference. Dr. Karen Tanino and Dr. Bob Bors were the moderators, thanks to them.

I am looking forward to our 2016 Annual General Meeting during the Joint Conference at Montreal, QC from July 24 to 26, 2016. The Conference Organizing Committee and CSHS representatives Drs. Valérie Gravel (Co-Chair), Marie Thérèse Charles and Samir Debnath are working hard and we are going to have a fun meeting that will include a tour, three graduate student awards (travel, best poster presentation and best oral presentation) and best paper award published in the Canadian Journal of Plant Science during 2014.

Marie Thérèse Charles has completed her term on the CSHS executive. I would like to express appreciation for her efforts over the last few years. In her position, Valérie Gravel McGill University has joined our group as an Eastern Representative. We welcome her and look forward to working with her.

In my role, I participate in national and international conferences in Canada and abroad, signed two MOUs (with AIC and CSP), worked as one of the Botany 2015 organizers and, as an Invited Speaker, presented a paper in Plant Canada Symposium in Botany 2015.

I look forward to seeing you in Montreal.

We wish you a safe and relaxing holiday season and A Very Happy New Year!

With best regards,

Samir Debnath, Ph.D., P.Ag.

President of CSHS

samir.debnath@agr.gc.ca, Telephone: (709) 772-4788

Renew your membership for 2016 today!

Support the Canadian Society for Horticultural Science and renew your membership for 2016. Also don't forget to include your colleagues and graduate students. An application form is at the back of the newsletter.



Please remind your graduate students to join the society so they can be eligible for the Travel, Oral and Poster awards given out at the Society's scientific meeting.



**The Corporate rate for
2016 is now
\$300**

Multi-Year Membership

Multi-year membership

The executive of the CSHS is introducing a multi-year membership for Regular and Retired Members.

Table 1. Multi-year membership rates in dollars.

Year	1	2	3	5
Regular	65	120	175	275
Retired	20	35	55	90

A multi-year membership is a convenient and a cost-effective method to support the Canadian Society for Horticultural Science.

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CSHS Conference Announcement

2016 CSHS-CSA Joint Conference will be held in Montreal, Quebec

July 24-26, 2016

The conference theme will be:

“Sustaining and improving agricultural production under the increasing complexities”.

New Board Member

Dr. Valérie Gravel

Valérie is our **Eastern Representative**, commencing July 28, 2015.



Valérie Gravel is an Assistant Professor in the Department of Plant Science, Faculty of Agricultural and Environmental Science at McGill University.

Valerie has degrees from Laval University and is also involved with Ordre des Agronomes du Québec and Quebec Society for Plant Protection.

Valerie's research interests are:

Using our expertise in the area of sustainable horticultural production systems with a specific emphasis on sheltered or greenhouse crops, our research interests include: nutrient availability and plant uptake in organic cropping systems, plant growth regulation in sustainable production systems, microbial interactions within the soil-plant-environment continuum, and biological control of diseases and pests in sustainable fruit, vegetable and ornamental crops.



Sustainable horticultural production systems with a specific emphasis on sheltered or greenhouse crops.

Sustainable production horticulture is often defined by environmentally sound cultivation practices to ensure long-term food security by promoting, among other things, a higher produce quality. Recent work has therefore concentrated on understanding the pathways leading to health-related bioactive compound accumulation in plant tissues. In fact, it is often associated with a physiological response to abiotic stress (high salinity, drought-like conditions or higher CO₂ concentrations) or biotic stress (often triggered by the soil microbial communities) similar to conditions resulting from sustainable production practices.

Our goal is to define and understand patterns of plant response to multiple simultaneous abiotic and biotic stresses.

More information and recent publications can be found at:

<http://www.mcgill.ca/plant/faculty/gravel/>

Many thanks to:

Dr. Marie Thérèse Charles

Horticulture Research and Development Centre,
Agriculture and Agri-Food Canada.

For her service on the CSHS board



New Board Members Needed

Your society needs you!

Several board members have completed their terms and will be moving off the board or to another position.

Positions available are:

- President
- Vice-President
- Secretary-Treasurer

If you are interested in being part of the CSHS board contact: Samir Debnath (Samir.Debnath@AGR.GC.CA) or Diane Edwards (edwardsd@ucalgary.ca).

Sale of the Canadian Journal of Plant Science to Canadian Science Publishing

As of June 2015 the Canadian Journal of Plant Science (as well as the Canadian Journal of Animal Science and Soil Science) will be published by Canadian Science Publishing (CSP). After months of negotiation an agreement was reached among the Agricultural Institute of Canada (AIC) the now former publisher of CJPS, the Societies (CSHS, Canadian Society for Agronomy and Canadian Weed Science Society) and CSP.

CSHS will now receive material benefits from this sale and transfer from both the AIC and CSP. These benefits will be for: content development, to the journal editors and conference activities (mainly for student support).

Notable Benefits

- AIC will pay CSHS \$2000 each year for a period of 5 years starting Jan 1, 2016
- CSHS, CSA and CWSS will control the mandate and scope of the Journal's content.
- Reduced page charges for society members (66% of non-member price) and reduced immediate open access fees for society members.
- Provision of financial assistance to the Editor-in-Chief (\$10000) and annual support (\$8000) of CJPS content development and conference activities (sponsorships, exhibits, travel awards for students and keynote speakers to society meetings or annual awards).
- Invitation to CSHS to become a CSP corporate member.

Requirements by CSHS

- CSHS will recognize and acknowledge AIC's contribution by having on its website the following statement "student travel to society meetings and conferences sponsored in part by the Agricultural Institute of Canada" with a link to AIC's website.
- Continue to oversee the review of submitted manuscripts.
- Commit to optimizing the quality and status of the journal.
- Provision of free advertising space on the CSHS website to promote journal products and services and provide a link from the CSHS website to the CJPS website.
- Adopt and promote CJPS as CSHS official publication for research papers.

MOU's between CSHS and CSP is posted at <http://www.cshs.ca/pdf/CJPS%202015%20MOU%20-%20CSHS-CSP%20Signed%20Both.pdf> and CSHS and AIC is posted at <http://www.cshs.ca/pdf/CJPS%202015%20MOU%20-%20CSHS-AIC%20%20signed.pdf>

For more information please contact Samir Debnath (samir.debnath@agr.gc.ca)

What is Plant Canada?



Federation of Canadian Plant Science Societies

Fédération des sociétés canadiennes des sciences végétales

Plant Canada is an umbrella organization for seven Canadian plant societies including:

- Canadian Society for Horticultural Science
- Canadian Botanical Association
- Canadian Phytopathological Society
- Canadian Society of Agronomy
- Canadian Society of Plant Biologists
- Canadian Weed Science Society
- Canadian Association for Plant Biotechnology

The purposes of Plant Canada, a not-for-profit corporation are:

- a) To organize and sponsor regular, effective scientific meetings and workshops under a national umbrella for plant science and related disciplines in Canada,
- b) To operate and maintain a strong communication network among Member Societies and their individual members, and
- c) To be a strong and effective force for public education and advocacy in plant and related sciences.

Plant Canada holds national scientific meeting once every four years with one of its seven member societies hosting the conference. This past year it was with the Canadian Botanical Association and in four years (2019) a joint conference will be organized with another Canadian society. To support conference activities, Plant Canada gave member societies \$2000 each for both symposium expenses and a student travel award. As well, Plant Canada also rented an exhibitor's booth, sponsored its own symposium and supported a mixer.

More information at <http://www.plantcanada.ca/>

Joint Conference Report



July 25 - 29, 2015
[The Shaw Conference Centre](#)
Edmonton, Alberta – Canada

Early bird registration ends May 31!



<http://www.plantcanada.ca/>

With:

Canadian Society for Horticultural Science
Canadian Botanical Association
The Canadian Society of Plant Biologists
Canadian Phytopathological Society
Canadian Weed Science Society
Canadian Society of Agronomy

A joint conference with



The American Society of Plant Taxonomists
International Association for Plant Taxonomy
The American Fern Society
American Bryological and Lichenological Society
Society of Herbarium Curators
The Mycological Society of America

Conference Website: <http://www.botanyconference.org/>

Summary of the CSHS Participation

The number of Canadian attendees at this conference was 489. Twenty-seven attendees or 5.5% indicated they were CSHS members. There were 16 presentations in the horticultural section, 11 papers and 5 posters. CSHS had two invited speakers, Stan Blades (Dean of the Faculty of Agricultural, Life and Environmental Sciences) in the horticulture program and Samir Debnath (CSHS President) was one of the Invited Speaker of Plant Canada Symposium in Botany 2015. CSHS helped sponsor one workshop.



**Workshop: Commercial Greenhouse
Lighting: Techniques and Practicalities**
Organized by:

Dr. Ron Howard, (RJH Ag Research Solutions Ltd.)

Dr. Mohyddin Mirza, (Greenhouse specialist and consultant)

Dr. John Zhang, (Crop Research and Extension
Division Crop Diversification Centre South. Brooks,
Alberta.

Scenes from the conference



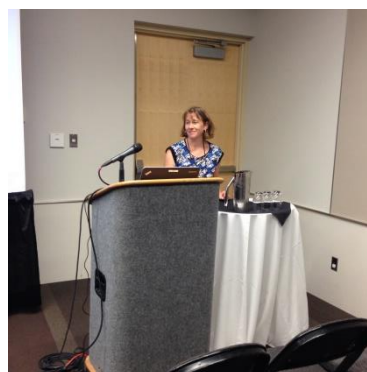
Crop diversification in Canada: How can new crops be successfully introduced? Presented by Dr. Stan Blades, Dean of the Faculty of Agricultural, Life and Environmental Sciences



From left Drs. Karen Tanino, Stan Blades, Samir Debnath, Anissa Poleatewich



From left Drs. Karen Tanino (Western Rep.) Valérie Gravel (Eastern Rep), Diane Edwards (Secretary-Treasurer) and Anissa Poleatewich (Central Rep).



Dr. Anissa Poleatewich, Chair of the Horticultural Session.



Photo caption: The Presidents or the representatives of the participating Canadian and American plant societies at Botany 2015 meeting in Edmonton, Alberta, Canada. Back row from left: Drs. Jon Shaw (President, American Bryological and Lichenological Society), Pat Herendeen (President, American Society Plant Taxonomists), Tom Ranker (President, Botanical Society of America).

Middle row from left: Drs. Vincenzo DeLuca (President, Canadian Society of Plant Biologists), D. Jean Dodge (President, Mycological Society of America), Shahrokh Khanizadeh (Past President, Plant Canada), John Markham (President, Canadian Botanical Association).

Front row from left: Drs. Samir Debnath (President, Canadian Society of Horticultural Science), Deena Errampalli (President, Plant Canada and President, Canadian Phytopathological Society), Mary Stensvold, (Secretary, the American Fern Society) and Karol Marhold (Secretary, International Association for Plant Taxonomy).

Student Awards



Best oral presentation

Detection of DNA methylation pattern in in vitro-derived blueberry (*Vaccinium* spp.) callus using methylation-sensitive amplification polymorphism (MSAP).

Amrita Ghosh

Memorial University



Best poster presentation

Influence of environmental conditions on the biochemistry of wild partridgeberry populations in Newfoundland and Labrador.

Zobayer Alam

Memorial University



2015 Macoun-Hill Graduate Student Travel Award

Gihan Abeywickrama

Memorial University

Plant Canada Travel awards were also given to Amrita Ghosh and Zobayer Alam

2013 Award for the Best Horticulture Paper Published in the CANADIAN JOURNAL OF PLANT SCIENCE

Effect of *Ascophyllum* extract application on plant growth, fruit yield and soil microbial communities of strawberry

Mohammed Zahidul Alam (Acadian Seaplants Ltd), Gordon Braun (AAFC Kentville), Jeffrey Norrie (Acadian Seaplants Ltd), Mark Hodges (AAFC Kentville).



Mohammed Zahidul Alam
Acadian Seaplants Ltd



Jeffrey Norrie
Acadian Seaplants Ltd

Minutes from Annual General Meeting of CSHS 2015



Canadian Society for Horticultural Science Société Canadienne de Science Horticole

Annual General Meeting
Tuesday July 28, 2015 at 12-1 pm
Hall B - The Shaw Conference Centre
Edmonton, Alberta

Attendees: Samir Debnath (President), Kris Pruski (Vice-President), Diane Edwards (Sec-Treasurer), Anissa Poleatewich (Central Rep), Karen Tanino (Western Rep), Bob Bors (Prairie Rep), Valerie Gravel (Eastern Rep), James Dawson, Bill Paton, Amrita Ghosh, Zobayer Alam, Gihan Abeywickrama, Pankaj Banik, Ian Willick, Shahrokh Khanizadeh, Yousef Papadopoulos, MPM Nair, Jeff Norrie, Mohamad Zahidul Alam, Jihua Xu, Rensong Liu, Valsala Gowribai, Mike Taylor, Kaila Hamilton.

Regrets: Marie-Therese Charles (past -Eastern Rep), Denis Charlebois (Past-President)

Minute recorder: Diane Edwards, additions by Samir Debnath and Karen Tanino.

1. Meeting called to order at 12:31 pm MT by Samir
2. Review and approval of Agenda: Motion to approve Diane, Seconded Kris, Carried.
3. Approval of minutes (last AGM, 11 July 2015): Motion to approve Diane, Seconded Karen, Carried.
4. New Business arising from Minutes: None.

5. Report from Officers

- a. Report from President: In the past one year, CSHS published quarterly newsletter and took active role in publishing papers in the Canadian Journal of Plant Science. The significant role of the Society made a decision for selling the Journal to the Canadian Science Publishing (CSP) and necessary agreements have been made with the Agricultural Institute of Canada (AIC) and CSP. Other CSHS activities during the past one year included finalizing the CSHS By-Laws (now available on CSHS website) and taking active role in the activities of the International Society for Horticultural Science (ISHS), planning in AIC and Plant Canada decisions and organizing Botany 2015 Joint Conference in Edmonton, Alberta. The CSHS is thankful to all volunteers and the Botany 2015 organizers for their tireless efforts that made the joint conference a great success. Special thanks to the CSHS Executive Committee members (Karen - organized the CSHS presentations, Diane, Kris – arranged CSHS Invited Speakers, Valerie, Bob and Anissa) for their great help in the conference. The CSHS is thankful to Dr. Ron Howard, Dr. Mohyuddin Mirza and Dr. John Zhang for organizing the CSHS-supported workshop entitled, “Commercial Greenhouse Lighting: Techniques and Practicalities” during Botany 2015 Joint Conference in Edmonton, Alberta. Dr. Karen Tanino and Dr. Bob Bors were the moderators, thanks to them.

Near agreement with the Science Publishing and CJPS.

Karen Tanino: What is the time from submission to publication?

Samir Debnath: The division of profits will depend on how many submitted papers from members.

- b. Report from Secretary-Treasurer

The membership in 2015 was Regular: 39, Graduate: 13, Retired: 18, Life: 12 and Corporate: 1. Total of 83. This was an increase of 6 members (3 regular, 1 graduate and 2 retired) from 2014. Most members are from Ontario, followed by Saskatchewan and then Quebec.

Financial Report: As of June 30, 2015 total revenue for the year is \$5644 with \$3629 from membership fees and \$2999 from Plant Canada (for conferences expenses). Expenses for 2015 so far are: \$5362 with \$2044 for office services, \$1500 for membership in AIC, \$1094 for website construction, ISHS membership, postage, D & O Insurance, postage combined accounted for about \$700. These expenses excepting the website construction and the 30% increase in AIC membership are in line with previous years.

Balance sheet

Total assets are \$50 232, which is in line with previous years.

Current Bank Balance (June 30) is \$27 122.

6. Report on CSHS Awards

- a. CSHS Student Awards: Zobayer Alam (MUN), Poster Session and Plant Canada Travel Award, Amrita Ghosh (MUN), Oral Session and Plant Canada Travel Award, Gihan

Abeywickrama (MUN), CSHS Travel Award.

b. CSHS Publication Awards:

Best Paper in Canadian Journal of Plant Science 2013 was: Effect of *Ascophyllum* extract application on plant growth, fruit yield and soil microbial communities of strawberry. By Mohammed Zahidul Alam (Acadian Seaplants Ltd), Gordon Braun (AAFC Kentville), Jeffrey Norrie (Acadian Seaplants Ltd), Mark Hodges (AAFC Kentville).

c. Recognition of CSHS Contribution: Marie-Therese Charles was recognized for her service as the Eastern Rep.

7. New Business

Jeff Norrie, Corporate members: Corporate membership rates are too high at \$500. Executive should consider reducing the membership to attract more corporate membership.

Society needs to take care of the corporate member. Such as mentions in the Newsletter, advertising, Booth tables at conference,

A drive is needed to increase the membership.

Next conference in 2016 will be in the east and joint with CSA.

Bill Patterson: An avenue would be to look into non-profit charitable tax status. The society should do more advocacy eg Morden was closed with many losses.

Pankaj Banik: Some of the graduate students were dissatisfied with the distribution of awards.

Samir: Conference was large and executive were few and couldn't get around to all the sessions.

8. Next Meeting: To be determined

9. Adjournment at 1:37 pm MT by Samir

People



Photo Dinah Ceplis

Sara Williams received an honorary Doctorate of Laws on June 3, 2015 from the University of Saskatchewan for horticultural and humanitarian work.

Sara Williams became an extension specialist in horticulture at the U of S in 1989 and initiated programs for both home gardeners and the horticulture industry throughout Saskatchewan. Williams is the author and co-author of numerous books. Sara Williams is author of *Creating the Prairie Xeriscape*. Sara Williams' previous books include *Perennials for the Prairies*, *In a Cold Land: Saskatchewan's Horticultural Pioneers*, and *Saskatoon Forestry Farm Park and Zoo: A Photographic History*, and, with co-author Hugh Skinner, *Gardening, Naturally: a chemical-free handbook for the Prairies*, *Best Trees and Shrubs for the Prairies* and *Best Groundcovers and Vines for the Prairies*.

In the decade following her retirement, she has raised funds for a hostel and garden for 80 girls attending secondary school in Tanzania through an organization called the Canadian Harambee Education Society (CHES). These students are mostly from impoverished families in remote villages. The hostel provides a safe and supportive environment for their years of study and has become a model for other communities in Tanzania.

Submitted by Dinah Ceplis



Muck Crops IPM Program, Bradford/Holland Marsh Ontario

International IPM Award of Excellence

Presented at the 7th International IPM Symposium in Salt Lake City in March, 2015.

Team members for the IPM award: Dr. Mary Ruth McDonald – project lead, Dennis Van Dyk- IPM coordinator 2014- present, Dr. Michael Tesfaendrias- IPM coordinator 2009-2013, Kevin Vander Kooi- technical support, Matt Sheppard – Industry partner (Bradford Cooperative Storage), Jamie Reaume – Grower association partner (Holland Marsh Growers Association) Alex Makarenko – Grower association partner (Holland Marsh Growers Association) and Marion Paibomaesi- government extension specialist.

Submitted by Mary Ruth McDonald

Help Needed

Support for those affected by the Earthquake in Nepal

Mr. Ramesh Sharma, director of the Sustainable Agriculture Development Program [SADP] in Nepal <http://sadpnepal.org/> distributed an email on October 31, 2015 with a request to support farmers who are very much involved with organic agriculture but recently victimized by Earthquake in Nepal. The current project is designed to make soap as a way of creating income. Funds needed total about \$3200. Women have also been trained in craft projects for income generation. The website is at <https://www.crowdrise.com/tosupportpoororganic/fundraiser/sadpnepal> includes a video for more info.



Submitted by Dinah Ceplis

Conference Announcements

International Symposium on Valorization, Preservation and Processing of Tropical Fruits and Vegetables

May 22-26, 2016

In Port-au-Prince, Haiti



For more information: <http://fruitsvegetableshaiti2015.com/>



When: Wednesday, April 13 and Thursday April 14, 2016

Where: Ottawa Marriott Hotel – Ottawa, ON

Who should attend? Individuals involved in or affected by agricultural research and research dissemination, federal and provincial governments, private groups involved in research and/or agriculture, academia, and industry organizations.

AIC 2016: Disseminating Agricultural Research

Bridging the gap between idea and adoption

In July 2015, agricultural stakeholders gathered in Ottawa to help develop a national agricultural research policy (<http://www.aic.ca/publications/agricultural-research-policy/>) for the 21st century. Broad consensus among participants identified building strong networks for research dissemination as a key area in the national policy for agricultural research released September 2015.

In order to further inform this area of the policy, the Agricultural Institute of Canada will be hosting a Conference that brings together stakeholders involved in, or who make use of agricultural research to discuss issues surrounding the dissemination and utilization of agricultural research including:

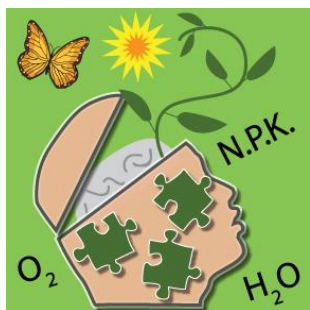
- Dissemination Strategies and Participation Channels for Agricultural Research
- Knowledge Transfer and Extension
- Intellectual Property Protection, Cooperation and Collaboration

Join us in Ottawa April 13-14, 2016 for AIC 2016, a conference that promises to engage participants and stimulate lively debate, with opportunities to learn from industry experts and contribute input on these important policy issues.

Visit the conference website for more information. <http://www.aic.ca/events/conferences-and-events/aic2016-home/>

Submitted by AIC

Outreach



PlantingScience is a learning community where scientists provide online mentorship to student teams as they design and think through their own inquiry projects. Engaging in the science process and becoming familiar with science practices enhances science learning. The ability to collaborate, discuss, and reflect with scientists and peers opens new doors to motivate students, and builds necessary pathways for 21st century skills.

We are looking for more Canadian mentors as PlantingScience expands into Canadian schools. If you are interested in mentoring for PlantingScience, please visit the website (<http://www.plantingscience.org/index.php?module=content&func=view&pid=96>)

PlantingScience Awarded 2.9M National Science Foundation Grant

We are extremely excited to announce that Botanical Society of America was awarded a large NSF grant to develop and study a new model of professional development for teachers and early career scientists. The new model will include developing a sequence of in-person workshops and online learning targeted towards high school teachers new to PlantingScience and their students, as well as graduate students and postdocs. High school biology teachers and early career scientists will work collaboratively and learn from each other while they co-mentor students on student-led plant science projects through the PlantingScience online mentoring platform. Our co-PIs at the Biological Sciences Curriculum Study (BSCS) will be conducting a rigorous cohort-comparison study to measure impacts of the new model on the students, teachers, and scientist participants.

This is fantastic news for the program, as it will allow us to move to a new platform where we can support a larger number of student teams, and it will help us to evaluate, improve, publicize, and grow this powerful program. We will make use of our 10-year history and the strong existing PlantingScience community as we create new online training and professional development resources. Many of these resources will be available to the entire PlantingScience community, and will help improve the quality of projects overall and give targeted guidance to students, mentors, and teachers as they need it.

The grant will help us to provide leadership opportunities for existing PlantingScience scientist mentors, Master Plant Science Team members, and teachers to focus their acquired expertise towards training future program participants. We will be in touch by e-mail as opportunities arise.

Along with this new professional development grant, expansion in Canada thanks to increased partnership with the Canadian Botanical Association, and development of a new agriculture module in partnership with the American Society of Agronomy means we will soon be expanding our reach. In order to handle the larger number of student teams that we are anticipating, we will need more scientist mentors willing to volunteer their time and share their passion for plants and science. Please consider joining us!

Seeking new PlantingScience mentors and middle and high school teachers for Winter 2016

PlantingScience is growing, and we need your help!

If you have not yet mentored with the program, please consider joining us. If you are a current mentor, please consider recruiting your colleagues to give mentoring a try next year.

Please visit the website (<http://www.plantingscience.org/index.php?module=content&func=view&pid=96>) to apply by January 25, 2016, for the Winter session or contact Catrina Adams (psteam@plantingscience.org) for further information.

If you have or know a student in grades 6-12, please consider sending their biology teacher an invitation to check out our website [PlantingScience.org](http://www.plantingscience.org) and what we offer (free of charge) to teachers. And if you are a teacher who is interested in giving your students an opportunity to learn from real scientists from around the world, please register (<http://www.plantingscience.org/index.php?module=content&func=view&pid=67>) by January 15th, 2016, for the Winter session or contact Julia Nowak (pscanada@plantingscience.org) for more information.

Learn more at: www.plantingscience.org

Submitted by Julie Nowak



<http://globalplantcouncil.org/home>

The Global Plant Council (GPC) is a coalition of plant and crop science societies from across the globe. GPC seeks to bring plant scientists together to work synergistically toward solving the pressing problems we face.

The central focus of the GPC is to define and engage in coordinated strategies and projects that will have impact on the most critical global issues: world hunger, energy, climate change, health and well-being, sustainability and environmental protection.

Fascination of Plants Day 2016

The Global Plant Council supports the fascination of plants day, with the aim of enthusing as many people around the world as possible about plant sciences and to demonstrate the importance of plants in everything from sustainable food production to pharmaceuticals. For a list of events held during 2015 see <http://blog.globalplantcouncil.org/gpc-community/fascination-of-plants-day-2015/>

Please consider holding this event at your company or institution and let the CSHS know if you do.

Upcoming Meetings / Conferences

A list of International and North American Meetings can be found at the respective societies below.



<http://www.ishs.org/calendar/>

<http://www.ashs.org/?page=GeneralConference>

Happy Holidays to the CSHS members from your Executive



Bob Bors

Denis Charlebois

Samir Debnath

Diane Edwards

Valérie Gravel

Anissa Poleatewich

Kris Pruski

Karen Tanino



Contact us for more information or for membership forms, contact the executive or: Diane Edwards, Ph.D., P. Ag. Secretary-Treasurer of CSHS, edwardsd@ucalgary.ca



CANADIAN SOCIETY FOR HORTICULTURAL SCIENCE

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Visit our website at www.cshs.ca

MEMBERSHIP APPLICATION/RENEWAL

Dues are payable annually

CHECK ONLY ONE

NEW APPLICATION ☐ RENEWAL ☐

FOR OFFICE USE ONLY

ID NUMBER:

DATE:

TITLE: MR. ☐ MS. ☐ PROF. ☐ DR. ☐ OTHER ☐ (SPECIFY) _____

PLEASE PRINT

FIRST (GIVEN) NAME

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MAILING ADDRESS

CITY/TOWN

PROVINCE /STATE

COUNTRY

POSTAL/ZIP CODE

TELEPHONE

FAX

E-MAIL ADDRESS

PRINT YEAR

CSHS annual dues for year 20 _____ (from January 1st to December 31st)

CHECK ONLY ONE CATEGORY (A password will be provided by mail)

1 Year	Regular..... \$65 <input type="checkbox"/>	Student ¹ \$10 <input type="checkbox"/>	Retired..... \$20 <input type="checkbox"/>
	Association \$100 <input type="checkbox"/>	Corporate \$300 <input type="checkbox"/>	
2 Years	Regular..... \$120 <input type="checkbox"/>	Retired..... \$40 <input type="checkbox"/>	
3 Years	Regular..... \$175 <input type="checkbox"/>	Retired..... \$60 <input type="checkbox"/>	
5 Years	Regular..... \$275 <input type="checkbox"/>	Retired..... \$100 <input type="checkbox"/>	

Payment enclosed: \$ _____

Make cheque payable to: **CANADIAN SOCIETY FOR HORTICULTURAL SCIENCE**

All prices are in Canadian currency

Thank you for supporting the Society

¹ Students must be confirmed by supervisor. Name (Print): _____ Signature: _____



SOCIÉTÉ CANADIENNE DE SCIENCE HORTICOLE

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Téléphone : (613) 232-9459 Télécopieur : (613) 594-5190 Courriel : services@aic.ca

Visiter notre site internet au www.cshs.ca

FORMULAIRE D'ADHÉSION/RENOUVELLEMENT

L'adhésion est renouvelable annuellement

COCHER UNE SEULE CASE

NOUVELLE ADHÉSION ☐ RENOUELEMENT ☐

DATE :

À L'USAGE DE LA SOCIÉTÉ UNIQUEMENT

NUMÉRO DE MEMBRE :

TITRE : M. ☐ MME. ☐ PROF. ☐ DR. ☐ AUTRE ☐ (SPÉCIFIER) _____

ÉCRIRE EN CARACTÈRES D'IMPRIMERIE

PRÉNOM

NOM DE FAMILLE

ADRESSE POSTALE

VILLE/VILLAGE

PROVINCE /ÉTAT

PAYS

CODE POSTAL

TÉLÉPHONE

TÉLÉCOPIEUR

COURRIEL

INDIQUER L'ANNÉE

Adhésion annuelle à la SCSH pour l'année 20 _____ (du 1^{er} janvier au 31 décembre)

COCHER UNE SEULE CATÉGORIE (Un mot de passé vous sera envoyé par la poste)

1 an	Régulier..... \$65 <input type="checkbox"/>	Étudiant ² \$10 <input type="checkbox"/>	Retraité..... \$20 <input type="checkbox"/>
	Association \$100 <input type="checkbox"/>	Corporatif..... \$300 <input type="checkbox"/>	
2 ans	Régulier..... \$120 <input type="checkbox"/>	Retraité..... \$40 <input type="checkbox"/>	
3 ans	Régulier..... \$175 <input type="checkbox"/>	Retraité..... \$60 <input type="checkbox"/>	
5 ans	Régulier..... \$275 <input type="checkbox"/>	Retraité..... \$100 <input type="checkbox"/>	

Paiement inclus : \$ _____

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La Société vous remercie de votre appui

² Le statut d'étudiant doit être confirmé par le superviseur. Nom _____ Signature _____