



NEWSLETTER

CANADIAN SOCIETY for HORTICULTURAL SCIENCE
SOCIÉTÉ CANADIENNE DE SCIENCE HORTICOLE

Your executive / Votre exécutif

President	<i>Shahrokh Khanizadeh, QC</i>	<i>Président</i>
Vice President	<i>David Percival, NS</i>	<i>Vice-président</i>
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Prairie representative	<i>Bob Bors, SK</i>	<i>Représentant des Prairies</i>
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Eastern representative	<i>Sylvie Jenni, QC</i>	<i>Représentante de l'est</i>
Past President	<i>Yves Dejadins, QC</i>	<i>Président sortant</i>

February 2006

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<i>In this issue</i>	<i>Page</i>
President's Corner	2
Message from the Secretary-treasurer	4
2005 CSHS Business Meeting	5
2006 Annual Meeting	6
2006 Awards for best papers published in 2005	7
CHSH contribution abroad	8
AIC Honours CSHS Member with International Recognition Award	9

PRESIDENT'S CORNER



Hello to all. On behalf of the CSHS executive committee I would like to extend our thanks to your support as being a member of CSHS. The present committee formed in Edmonton Alberta during Plant Canada 2005 meeting (June 15-18, 2005). Since then we had several meetings to address items that help to promote the CSHS mission, improve visibility of the society and its members. One of the items that pass the motion was to provide a forum for discussion and interaction between the scientists and to present members' achievements and concerns via the CSHS web site.

Several of these objectives were put into place including the development of two list server CSHS@ashs.org and cshs@cshs.ca that can be used by members to communicate with others. Further more the CSHS board members build up the CSHS.ca web site and also incorporated a section for publishing the views, short communications, achievements of CSHS members and their graduate students. Our web site is also a place to advertise available positions in your lab or publish book reviews. Make the CSHS.ca YOUR web site.

I would like to invite all of you to visit the CSHS.ca web site and review what is already published and forward your comments, view points, short communications, poster presentations etc. in a format similar to the one that is already used there. Apart from the above and other activities we also joined the Canadian Societies of Agronomy and Canadian Society for Animal Science in planning to bring together the horticulturists, agronomists and animal scientists to share their view and knowledge in Halifax from August 1st to August 4th 2006, at the Westin Hotel. We would like to invite you to join us and present your research and achievement either via a poster and/or an oral presentation. The Westin Hotel is located in downtown Halifax providing participants with easy access to the many entertainment options of this city including the historic waterfront, museums, galleries, shopping, dining and nightlife. In addition, the local arrangement committee have developed offsite mid-conference field tours.

This meeting will serve as a forum to gather vital information for the future of soil, plant and animal agriculture and to provide a venue to share scientific discoveries. We would also like to publish all posters and oral presentations in a peer reviewed volume and select 5 for further publication as review papers. The Plenary Session theme is "Reinventing Agricultural Research" and a wide variety of symposia have been planned, including: 1) Agriculture: Consumer or Producer of Energy? 2) Teaching Agricultural Science at Universities; and 3) Multifunctionality of Grasslands in Agro-Ecosystems.

Apart from the plenary session Dr. D. Percival and E. Ehret put together several symposiums at the beginning of each session and the following is the tentative schedule.

Symposium 1. Plant Propagation Strategies

Keynote Speaker: Dr. Samir Debnath, Agriculture and Agri-Food Canada, Saint John's,
"Developing strategies to propagate small fruit nuclear stocks of commercial interest for Canadian industry"

Symposium 2. Plant Conservation

Keynote Speaker: Dr. John Proctor, University of Guelph, "Horticultural plant conservation: management and commercialization"

Symposium 3. Cross Commodity

Symposium 4. Fruit and Vegetable Crop Management

Keynote Speaker: Dr. Katrine Stewart, McGill University, "Use of high tunnel in horticulture - new trend"

Symposium 5. Postharvest and value-added technologies of horticultural crops

Moderator: Dr. Vasantha Rupasinghe, Nova Scotia Agricultural College, Truro, NS

Symposium 6. Ornamentals

Keynote Speaker: Dr. Jacques André Rioux.

Please visit our web site or <http://www.nsac.ca/pas/conferences/default.asp> for updates.

Tours including visiting farms, agribusinesses and local research projects, as well as, the Nova Scotia Agricultural College have been organized (see further in this newsletter). "Companions" can participate in a full day tour which includes visiting a working sugar maple farm, woodlot and Pancake House for tour and brunch, the award-winning Jost Winery on Nova Scotia's warm Northumberland Strait; and the wonderful shops and picturesque beaches on the North Shore of Nova Scotia.

On behalf of the CSHS Board member CSA and CSAS I would like to encourage you to bookmark your calendar and join us in NS and forward a titles and abstracts before March 31st, 2006. You may also visit <http://www.nsac.ca/pas/conferences/default.asp> for update or contact Marilyn Roberts, Department Secretary, Plant and Animal Sciences, NSAC at 902-893-6644 or mroberts@nsac.ca.

Update on our association with AIC and Plant Canada

We are keeping our membership with AIC and using their services while being a member of Plant Canada (<http://www.plantcanada.ca/>). The plan is to attend this meeting every other year to exchange scientific information with other societies including Canadian Botanical Association, Canadian Phytopathological Society, Canadian Society of Plant Physiologists, Canadian Weed Science Society and Canadian Society of Agronomy. I had the opportunity to attend the executive meeting with Dr. Y. Desjardin and discuss detail on behalf of the CSHS. A copy of the Plant Canada annual report can be retrieved from Plant Canada web site. The present board members of the Plant Canada are Dr. Hargurdeep S. Saini (President), Dr. Gavin Humphreys (Secretary), Dr. Carol Peterson (Treasurer and Past President) and the representative of the Societies including Dr. Robert D. Guy and Dr. Peter K. Pauls (CSPP), Dr. Vipen K. Sawhney, Dr. Christian Lacroix (CBA), Dr. Bruce Gossen, Dr. Jim Menzies (CPS), Dr. Anne Légère, Ms. Denise Maurice (CWSS), Dr. Tom Bruulsema, Dr. Gavin Humphreys (CSA) and Dr. Shahrokh Khanizadeh and Dr. David Percival (CSHS) (<http://www.plantcanada.ca/board.htm>)

Shahrokh Khanizadeh, Ph.D.

President of CSHS

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MESSAGE FROM THE SECRETARY-TREASURER



Bonjour! It is my pleasure to write to our members for the first time as the Society's secretary-treasurer. This job is new to me and I will be grateful to all I you could help me in making this newsletter a showcase of what has been done in horticulture on the national and the international scene. This newsletter should also be seen as an opportunity to express viewpoints, offer jobs and submit student's work.

As shown on the first page of this newsletter a new executive has been elected during the 2005 business meeting held in Edmonton last June. The proximity of four of the executive members will be exploited to give a new life to our web site (www.cshs.ca). Despite all the efforts and good will this site is still a work in progress and we would appreciate if you could report any mistakes inaccuracies or obsolete links. Your input is important to us and do not hesitate to contact me (charleboisd@agr.gc.ca) or Shahrokh (khanizadehs@agr.gc.ca) about the web site or any other issues related the Society.

Part of the secretary-treasurer's job is to look after the membership and I have "numbers for thought" related to the geographical distribution of our members. The first table shows the number of members in Canada as of September 2005. Close to a third of the Society's members were from Ontario while only 2 came from P.E.I.

Table1. Geographic distribution of CSHS members in 2005 (in decreasing order)

Province	Members
Ontario	40
Quebec	18
British Columbia	18
Nova Scotia	17
Saskatchewan	10
Alberta	9
New Brunswick	7
Manitoba	5
Newfoundland	4
Prince Edward Island	2

It would be tempting to urge P.E.I. members to work harder as far as recruitment goes. But let's first look at the number of CSHS members per million habitants for each province or territory. As shown in the next table it is interesting to see that the ranking as almost completely reversed.

This being said the Society's survival depends largely on its members and it is one of your new executive's goals to work hard on increasing membership. Graduated students must be informed of our Society's activities and encouraged to become members. In order to make their contribution more appealing awards will be given to the best students during our annual meeting.

Table 2. Number of CSHS members per 1 000 000 habitants in 2005 (in decreasing order)

Province	Representation
Prince Edward Island	14,8
Saskatchewan	9,8
Manitoba	7,7
Newfoundland	7,5
Nova Scotia	7,5
New Brunswick	6,6
Alberta	5,7
British Columbia	4,3
Ontario	3,2
Quebec	2,2

Membership has already been addressed in previous meetings but the lack of proper data made it difficult to evaluate any progress made. It is my intention to keep track of our members and keep the executive members abreast of the situation. One key feature that has been identified as a good instrument to increase membership is an increased visibility. Within the next year we plan to design a poster to be distributed in all universities and colleges that might provide potential members.

The executive committee also tackled the issue of new member's status. It is now possible for associations to join our Society for an annual fee of \$ 100. We also hope to attract corporate members by offering reduce booth fees at our annual meeting and a link to their web site on ours. Members are urged to provide the executive members with potential candidates. It is my intention to provide an update at the business meeting, request input and discussion, and see what can be done to increase membership. In the meanwhile, I would encourage you to check with your colleagues to see if they are interested in joining the Society.

Finally thank you to all of you who participated in this issue of the newsletter.

Denis Charlebois, Ph.D.
 Secretary-treasurer of CSHS
charleboisd@agr.gc.ca

2005 CSHS BUSINESS MEETING

The 2005 business meeting took place in Edmonton in last June during Plant Canada conference. New members were elected on the executive committee. In order to take into account the vastness of our country two new positions were created on the executive committee. Bob Bors seats as the Prairie representative. Bob also act as the WSHS (Western Society for Horticultural Science) representative. Claude Richer (AAFC) is our new central representative (Ontario and Quebec).

On behalf of the new executive committee let me extend our heartfelt thanks to the previous committee members for their work and dedication to the Society's wellbeing.

2006 CSHS BUSINESS MEETING

This year business meeting will be held during our annual conference in Halifax (NS) jointly with the Canadian Society of Animal Science (CSAS) and the Canadian Society of Agronomy (CSA). See the following information.

Halifax, Nova Scotia
August 1st, 2nd, 3rd, and 4th, 2006

We are pleased to announce the Call for Papers for the joint meeting of the Canadian Societies of Agronomy, Horticultural and Animal Sciences. This colloquium, taking place at the Westin Hotel in Halifax, Nova Scotia, will consist of four days of scientific exchange, including invited symposia speakers, contributed papers (both oral and poster), graduate student presentation competitions as well as offsite tours and society annual meetings. The Westin Hotel is located in downtown Halifax, providing participants with easy access to the many entertainment options of this city including the historic waterfront, museums, galleries, shopping, dining and nightlife. Highlights of the meeting can be found on the meeting web page listed below.

Members are encouraged to submit titles and abstracts of papers and posters, for presentation in their respective society sessions. Each society is also hosting a Graduate Student Presentation Competition. All abstracts will be published in the corresponding society journal and if desired, papers submitted from presentations given in the Agronomy and Horticultural Science sessions will be peer reviewed for publication in the Canadian Journal of Plant Science.

Instructions for submitting titles and abstracts are available on the meeting web page at www.nsac.ca/pas/conference.html

The deadline for submission of titles and abstracts is March 31st, 2006

If you encounter any difficulties using the web-based application, please contact Marilyn Roberts, Department Secretary, Plant and Animal Sciences, NSAC at 902-893-6644 or mroberts@nsac.ca.

The Program Committee has planned an exciting scientific program interspersed with wonderful leisure options, including a number of events of particular interest/enjoyment of students. So please plan to attend and encourage your students to join as well.

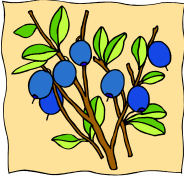
Maritime hospitality is guaranteed!

☪



Please visit the CSHS web site as it will be update on a regular basis to keep you posted about the keynote speakers and the latest news about the annual conference.

Annapolis Valley Horticultural Tour Overview



The Annapolis Valley has a unique microclimate that provides relatively mild temperatures for the region. In conjunction with fertile glacial sedimentary soils on the valley floor, these combined features have long (i.e., >300 years) been associated with horticultural crop production. To illustrate these unique features, the Canadian Society for Horticultural Science is coordinating a trip to the valley which will start with a tour of the production and processing facilities of Blueberry Acres. This operation has developed a late season nice in the North American fresh pack highbush blueberry market. The tour will then proceed on to Joggin Farms to examine a controlled environment (polyhouse) sweet cherry operation and be given an overview of some of the R&D activities in the region. Following this, the tour will proceed to Domaine de Grand Pré for a tour of the vineyard, winery and gallery, and to stop for lunch in the Pergola. Time permitting, the tour will proceed to see a processing carrot operation before traveling to the Truro for business meetings and a BBQ at the NSAC.

2006 AWARDS FOR BEST PAPERS PUBLISHED IN 2005

The best papers published in the Canadian Journal of Horticultural Science in 2005 have been selected. These papers are:

Macoun Hill Award

In recognition of the best horticultural paper

J.Y. Reekie, P. R. Hicklenton, J. R. Duval, C. K. Chandler and P. C. Struik

Leaf removal and prohexadione-calcium can modify Camarosa strawberry nursery plant morphology for plasticulture fruit production

Can. J. Plant. Sci. 85: 665-671 (2005)

Ontario Fruit and Vegetable Growers Association Award

In recognition of the best horticultural paper on vegetables

R. Gordon, A. A. Elmi, A. Madani, T. Hauser, V. Rodd, and P. Leblanc

Nitrate and pesticide leaching from a processing carrot production system in Nova Scotia

Can. J. Plant. Sci. 85: 205-211 (2005)

C.J. Bishop Award

In recognition of the best horticultural

V. M. Glass, D. C. Percival, and J. T. A. Proctor

Tolerance of lowbush blueberries (*Vaccinium angustifolium* Ait.) to drought stress. I. Soil water and yield component analysis

Can. J. Plant Sci. 85: 911-918 (2005)

Plant Products Co. Ltd. Award

In recognition of the best horticultural paper on ornamentals

Claude Richer, Jacques-André Rioux, Marie-Pierre Lamy and Raynald Drapeau

Évaluation de la tolérance aux conditions hivernales de 10 rosiers de la Série Explorateur^{MC}
propagés par culture in vitro, bouturage et greffe sur *Rosa multiflora* Thunb

Can. J. Plant Sci. 85: 693-702 (2005)

Our congratulations go to these authors and to their teams.

CSHS CONTRIBUTION ABROAD

CSHS-Ghana Institute of Horticulturists Twinning Partnership Program **Progress Report**

In 2000, CSHS was approached by AIC to determine our interest in partnering with the Ghana Institute of Horticulturists (GhIH) in AIC's International Twinning Partnership Program. This program, funded through CIDA, partners a Canadian scientific society with similar scientific societies in developing countries. Its purpose is to develop effective working relationships, thorough analysis of needs and resources, and the planning and implementation of projects designed to ensure sustainability. The ultimate goal is to strengthen the partners' institutional capacity to maintain advances achieved as a result of the project. CSHS would also benefit by enhancing the capabilities and expertise of its members. In 2001, CSHS entered into a partnership with GhIH to address issues around food security in the poorest region of Ghana, gender equality, increased participation of children in food production, and improved infrastructure for support and development of the horticulture industry in Ghana.

The project, which has a very modest budget of about \$40,000 per year, has consisted of two parts. The strengthening capacity component has helped to enhance the ability of GhIH to provide member services, to strengthen the capacity of their organization, and to be recognized within the country as experts in the areas of horticulture production, development, and policy. Some of the major benefits accruing from the partnership with CSHS include: production of three volumes of the Ghana Journal of Horticulture (a fourth is in preparation), financial support for Annual General Meetings, and improved communication with members through committees, commissions, and national lectures. There is also a field project assisting farmers to improve their production of vegetables as a means of improving nutrition, and increasing family income. The project provides support to specialists within universities and government within Ghana to allow travel to remote sites in the impoverished Upper West Region. There, they have set up farmer field schools and cultivar evaluation trials. The field schools demonstrate improved production practices, address issues of soil and water conservation, and explain proper postharvest handling techniques. It has been very gratifying to hear first hand from farmers their enthusiasm for the improved production techniques they have learned and the optimism they express for new marketing opportunities for their crops.

During the project, members of the GhIH have traveled to Canada to attend the ICH in Toronto in 2002 and to Tanzania for an ITPP partners meeting. Members of the CSHS project management team

have made four trips to Ghana and the project manager will be returning to Ghana in March 2006 to work with our Ghana partners to pull together the final report for the first five year phase of the project. It is hoped the project will be renewed for a second five year phase. Many positive changes have been achieved by the project for both GhIH and CSHS. However, as with most development projects, a few challenges have arisen which have hindered progress but which have been viewed as steps on the road to capacity building within both organizations. The project management team is confident these wrinkles can be ironed out and that the project will continue.

Dinah Ceplis of Assiniboine Community College in Brandon, MB has served as project coordinator for CSHS. Other CSHS members on the team include Merv Pritchard from the University of Manitoba, and Evans Estabrooks from New Brunswick. Evans stepped down from the committee in 2005 and has been replaced by Mary Ruth MacDonald from the University of Guelph, and Josee Owen from Agriculture and Agri-Food Canada in Bouctouche, NB.

Check out the website for more information on this project and the ITPP program of AIC.
http://www.aic.ca/international/itpp_project.cfm?id=37

Merv Pritchard, Ph.D.
School of Agriculture
University of Manitoba

AIC Honours CSHS Member with International Recognition Award



AIC President, Kim Shukla (centre), presents AIC international awards to Dinah Ceplis (left) and Beny Mwenda (right) at ceremonies in Quebec City, November 2005.

Dinah Ceplis, CSHS member and project coordinator for the CSHS-Ghana Institute of Horticulturists partnership program sponsored through the International Twinning Partnership Program of AIC was awarded the International Recognition Award for her work in Africa. It was awarded to Ms. Ceplis at the AIC meeting in Quebec City in November 2005. The following is the citation prepared for the presentation.

The 2005 recipient of the AIC International Recognition Award, Dinah Ceplis, has made a truly outstanding contribution to improving the lives of many of Africa's rural people and in helping Canadian youth to understand the importance of global citizenship.

Over many years, Dinah has traveled often to East and West Africa to assist in the development and management of two agricultural projects in the International Twinning Partnership Program of the Agricultural Institute of Canada.

Dinah has worked closely with the Canadian Society of Extension in partnership with the Tanzanian Society of Agricultural Education and Extension in helping to establish micro-enterprises to aid rural youth to lead productive, diversified lives. In addition, she serves as a volunteer coordinator with the Canadian Society for Horticultural Science and the Ghana Institute for Horticulturists partnership to assist farmers in the poorest part of Ghana to improve food security by producing irrigated vegetables during the dry season.

Through her employer, Assiniboine Community College, Dinah's first experience with Africa combined her agricultural skills and adult education background in a partnership focusing on sustainable agriculture and rural initiatives with an agricultural college in Tanzania. Also, Dinah has been involved with the non-governmental organization, the Marquis Project, in Brandon, Manitoba over many years, helping to build global perspectives around international issues including HIV/AIDS, fair trade, and rural community development. She was awarded the Marquis Project's Global Citizenship Award in 2002.

Dinah's attention to detail, encouragement of her African partners, her sensitivity to their culture and her focused approach to efficient project management, reflect her passion for the rights and well being of others.

"One key thing that I have learned from my volunteerism is that women and men the world over want the same things that we want: local and world peace, a standard of living that provides us with necessities, good health, safe housing, education for our children, opportunities to contribute to our social communities, and a sustaining environment," said Dinah in her acceptance of the award.

Dinah Ceplis is the first woman to be awarded the AIC International Recognition Award.

Congratulations Dinah!

Merv Pritchard, Ph.D.
School of Agriculture
University of Manitoba