



NEWSLETTER

CANADIAN SOCIETY for HORTICULTURAL SCIENCE
SOCIÉTÉ CANADIENNE DE SCIENCE HORTICOLE

Your executive / *Votre exécutif*

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January 2007

Volume 2 No. 1

Janvier 2007

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PRESIDENT'S CORNER



Dear colleagues,

Greetings to everyone from your executive; we wish you all a belated happy new year and a safe, healthy and successful 2007.

I am proud of the work and accomplishments of the CSHS during 2006 and I would like to take this opportunity to thank the executive members for their extraordinary work and commitment.

Also I would like to welcome Dr. Vaino Poysa as the incoming Editor for the Canadian Journal of Plant Science (CJPS) and also take this opportunity to thank Dr. Yousef Papadopoulos for his dedication and excellent work, not only as a CJPS editor but also for putting so much effort and time in leading the CSHS, CSA and CSAA annual meeting in Nova Scotia in 2006. It was a great success.

Special thanks also go to those retired Associate Editors including Drs. Jerry Ivany, Kenna MacKenzie, Patricia Juskiw, Vaino Poysa, Mahesh Upadhyaya, Jean-Pierre Privé and Anita Brule-Babel for their dedication and professional commitment in maintaining the quality of published papers in CJPS.

I am looking forward to this summer and our annual get together during the Plant Canada meeting. Join us from June 10 to 14 in Saskatoon. The organizing committee and our representatives Drs. Karin Tanino and Bob Bors worked very hard and we are going to have a fun meeting that includes a tour and awards.

There are two plenary sessions on organic horticulture and natural products which are organized by David Ehret and myself. Several keynote speakers are invited to cover topics on antioxidants, their facts and fallacies and organic production and perception.

Our Society will award two graduate students travel awards, one CSHS fellow award, 2 graduate student poster/oral presentation awards and two best papers awards published in CJPS. More details are given in the Secretary-treasurer's section. To be eligible, students and their supervisor must be members of the CSHS and must have submitted an abstract for presentation at the annual conference. A nomination form is already developed and posted under www.CSHS.ca web site. Please visit the site and nominate a graduate student for travel awards and a colleague for CSHS fellow award. The deadline is April 15th, 2007. The cheque and an award certificate will be given to selected nominees during the CSHS AGM on June 13th, 2007.

Last but not least, I would like to thank Dinah Ceplis, who attended the AIC general meeting on November 5th, 2005 in Winnipeg, to represent CSHS.

Shahrokh Khanizadeh, Ph.D.
President of CSHS
khanizadehs@agr.gc.ca

MESSAGE FROM THE SECRETARY-TREASURER



Bonjour.

I hope that each of you spent a wonderful time during these past holidays. Let me take this opportunity to wish you all the very best for 2007.

Walk the talk – Well, I must confess that we fell short of producing the 4 issues for the 2006 edition of our Newsletter. I see this as a sign that our members should get more involved with their Society. Despite all the efforts from your executive, the amount of work to be done exceeds the time that we can allocate to get everything done. We are quite a nice bunch of people to work with (at least we think so) and we would welcome anybody willing to help us keep our Society alive. If you feel that you have the right stuff, contact any of the executive members. Everyone is welcome.

Fun...ding – As your treasurer, I have the duties to keep a close eye of our Society finances. This implies making sure the Society doesn't go in the red, pay bills and secure external funding. While the latest might be seen as "a dirty job" there are people that can make your work worthwhile. One such individual is Mr. David H. Hill, son of Dr. Hinson Hill. The Macoun-Hill award along with a prize was given the past few years in recognition for the best paper publisher in the Canadian Journal of Plant Science. A fund was created at the demand of Dr. Charles Eaves who unfortunately passed away a short time ago. Mr. Hill has been contributing to the Macoun-Hill fund on a regular basis. After heartfelt written exchanges with Mr. Hill, I am very please to announce that his latest contribution was to the amount of \$2000. Mr. Hill is involved with the Society in more than one way. He sent us for our archives a compilation of his father's extensive contribution to horticulture. We are studying the possibility to make some of these papers available on the Society web site. He is also involved in getting the best return possible from the Macoun-Hill fund and securing additional donations from a long time friend. With such an exemplary contribution to our Society, Mr. Hill was granted a well deserved life membership. Working with such a gentleman makes you realize that it might indeed be fun when you look at funding.

Other awards were given over the years. Unfortunately no money is left to sustain them and the Society will be in the obligation to stop giving the followings: Plant Product award, Ontario Fruit and Vegetable Growers' Association award, Bishop award (see Minutes next). We are still trying to encourage these partners to renew with the Society (see Minutes) but until additional funds are made available from them, the executive has decided to discontinue the attribution of these awards and the accompanying financial reward. The Macoun-Hill fund will be used instead to give a student award (the Macoun-Hill student travel award) with a financial reward of \$400. One more student travel award will be given using money from the WCSH fund. Until the Macoun-Hill fund reaches a state of self-sufficiency, part of this reward will come from the interests generated by the fund and the rest from profits made during previous meetings. These profits will also be used to give 2 best poster/oral presentation awards. The executive feels that this money will be put to better use by promoting student participation to our meeting and to horticulture. As for the best paper published in CJPS, two will be selected annually to receive a plaque without financial reward.

Easy come, easy go – Despite our best efforts, the financial health of the Society remains under observation. Our expenses equal our earnings from regular memberships. This means that we have limited funds available to attract invited speakers or to encourage student members. We are calling on all our members to send us information about potential corporate members. Through its Newsletter and particularly its web site, the Society is able to offer a powerful mean to reach potential customers or

future employees. Do not hesitate to contact your suppliers and collaborators to discuss the benefits of our corporate membership. If you have any suggestion that can improve our appeal to potential corporate members, let us know.

Smooth sailing in Halifax – Thanks to the outstanding work of the organizing committee, finance committee and all the volunteers from the CSA, CSAS and CSHS joint meeting held in Halifax last August. Their hard work made it possible for our Society to secure additional funds to covers our invited speakers' expenses and make some profits. This little extra money will be used to pay for invited speakers at our incoming annual meeting to be held in Saskatoon this June. Visit CSHS web site for updated information.

Changing of the guard – During our next annual meeting, the Society will hold its election to fill all the positions available on the executive (see on page one for the positions available). While it has been kind of customary for the vice-president to be elected as the new president and for the secretary-treasurer to move to the position of vice president, this tradition should not be considered as statutory. This means that anyone wishing to occupy any position within the executive is welcome to present his or her candidature and let the members decide. Your vote is important and we encourage all our members to come to the AGM and express their viewpoint. Please, send your propositions to your executive as soon as possible in order for us to organize the voting session.

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



**Do not forget to send us your:
job offers, nominations, published papers, posters,
presentations, questions, suggestions, nominations and
any other relevant information that could be of interest to our members
The CSHS web site and Newsletter are there for you.
Use them wisely!**



January 2007

CANADIAN SOCIETY FOR HORTICULTURAL SCIENCE

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Minutes

Teleconference held on November 9, 2006

Present

Shahrokh Khanizadeh
Denis Charlebois
Sylvie Jenni
Robert (Bob) Prange

Absent

David Percival
Yves Desjardins
Blanche Dansereau
Allan Sullivan
Bob Bors
David Ehret

1. At 12:30 (E.T), S. Khanizadeh opens meeting
2. Acceptation of the agenda. All in favour
3. Budget and awards

Denis Charlebois recalls some fact about CHSH budget:

- About \$25000 plus \$8000 certificate available in bank
- Average yearly income from membership ~ \$3000
- Average yearly cost for AIC membership and services ~\$3000
- The award structure used in 2006 cannot be sustained with the actual membership.
 - o 2006 awards: 4 x \$500 for best papers
2 x \$400 student travel awards
4 x \$400 best poster/oral presentation student award
Total of \$4800 in awards
 - o Plant Product (PP) award: no investment account and no income from the company for the last several years.
 - o Ontario Fruit and Vegetable Growers' Association (OFVGA) award: no investment account and no income from the company for the last several years.
 - o Bishop award: no investment account and no income from the company for the last several years.
 - o Macoun-Hill award: \$8025 in an investment account and yearly contribution from M. Hill's son.
- Since it has been decided during our last annual meeting (Halifax) that the Society should promote the participation of students, it is decide to maintain all student awards.
- Since we have no special fund or regular income from Plant Product, the OFVGA, or M Bishop, it is proposed to discontinue the attribution of these 3 awards. It is also proposed to give annually one award for the best paper published in CJPS.
- The motion is discussed and B.P. proposes that 2 plaques be given to underline two outstanding papers published in CJPS without any financial reward. It is also proposed that the cash award associated with the Macoun-Hill award (for the best overall paper on horticulture) be used for a student award.
- The motion is accepted.
- S.K. proposed that 2 student award be given each year. The motion is approved.
- It is also suggested to inquire about the possibility to secure some investment from M. Bishop's family in is honour.

- D.C. stresses that the Society should increase its corporate membership base.
- S.K. will make the application form for student award available on CSHS web site.
- 3 referees will be needed to evaluate the candidates. R.P and S.J. volunteered to rank the candidates.
- B.P. proposed to align the submission for student award with that of abstract submission. Motion accepted.

4. AIC membership

- AIC provides CSPS with various services (banking, accounting, membership list, mailing...).
- Quotation from other service providers have been obtained and compared with what AIC is charging CSHS.
- S.K. proposed to continue our membership with AIC for 2007. Motion approved.
- B.P. recalls that accounting was done in house in the mid 80s. It is proposed to look for retired members that could take over the work actually done by AIC. Blanche Dansereau and John Proctor's names were suggested.
- S.K. will address this point at the next annual meeting.

5- CSHS Merit Award

- Again this year, the CSHS Merit Award nomination will go on. This award is to honour outstanding members for their long term contribution to the horticultural industry and research. There is no cash value attached to this award.
- S.J. would like to see the Executive to come up with names for this award.
- S.K. would prefer to keep it more democratic and ask the members to come up with nominees.
- In order to facilitate the nomination process, B.P. suggests making the member list available on line.
- S.K. will send an e-mail to all members with the list and suggests that the same reviewers as for the student travel awards be responsible for the evaluation of the merit award nominations.

6. Charles Eaves

- Charles Eaves, passed away recently. He was the one who started the Macoun-Hill award. S.K. would like to obtain information about M Eaves to be posted on our web site.

7. Plant Canada 2007

- There will be a session on organic horticulture and natural products during the next Plant Canada meeting in if Saskatoon. S.K. is looking for suggestions to complete the invited speaker list.
- B.P. comes forward and propose is candidacy.
- Next CSHS annual meeting will be held on June 13, 2007 during Plant Canada

Meeting ends around 14:00

Denis Charlebois, Ph.D.

Secretary/Treasurer
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To all members: Your help is needed to carry on various tasks for your Society such as: contribute to your Newsletter, nominate members for the various awards, submit Viewpoints, Opinions, evaluate posters and oral presentations at our annual meeting, help organize meetings, submit ideas for our new poster and the list goes on and on.

If you are interested in any of the above, contact myself at charleboisd@agr.gc.ca or Shahrokh at khanizadehs@agr.gc.ca.

CANADIAN JOURNAL OF PLANT SCIENCE REVUE CANADIENNE DE PHYTOTECNIE

The number of manuscripts submitted to the Journal increased compared to the past few years (247 in 2005; 199 in 2004; 223 in 2003). At the time of writing this report, a total of 158 papers (submitted in 2005) were either accepted or in the late stages of review with a high likelihood of acceptance, compared with 127 in 2004. Some increase in the number of manuscripts submitted is indicated in 2006; with 203 submitted between January and end of October of this year. Categorization of the 2005 papers: 77 Accepted Full Papers; 12 Accepted Short Communications; 22 Accepted Cultivar Descriptions (18 in 2004); 17 Accepted Reviews; including papers in the Biology of Canadian Weeds series (6 in 2004); 30 Manuscripts still in process (as of October 1, 2006); 7 Papers were withdrawn; 82 Manuscripts rejected.

The number of review and symposium papers submitted to the Journal in 2005 and 2006 increased compared to the past few years. The number of accepted cultivar descriptions increased slightly but remains well below average for the Journal. Processing time in 2005 is generally unchanged with the exception of a few manuscripts from the developing countries which required more time. The turnaround is an issue the editorial team is hoping will improve with the launching of the online submission and review management.

The majority of manuscripts submitted to the Journal in 2005 were from Canadian research institutions. The rejection rate from international institutions continues to be high. The high rejection rate of papers from international institutions reported here relates to manuscripts submitted from the developing countries. The Editorial Board is working on implementing a strategy to help our colleagues from these countries remedy this situation. Federal government research labs accounted for the majority of submissions in 2005. University submissions were unchanged when compared to the previous two years. There was a slight increase in manuscripts in pest management. The number of French language manuscripts in 2005 was slightly higher than 2004 but remain below 5% of manuscripts submitted. Our Editorial Board is concerned with this and we are in the process of developing a strategy to evaluate the significance of this trend.

BIOLOGY OF CANADIAN WEEDS SERIES AND THE BIOLOGY OF INVASIVE ALIEN PLANTS

The Biology of Canadian Weeds series and the Biology of Invasive Alien Plants continue to provide detailed biological, taxonomic and economic information about species known to be weedy and/or invasive alien plants in Canada. Each description is published in the Canadian Journal of Plant Science and periodically the accounts are published in collected volumes. In 2005 and 2006, 3 articles of the weed series and 6 articles of the invasive alien species have been published. The Biology of Canadian Weeds series continues to be very popular and to date approximately 535 copies of volume 4 and 150 copies of volume 5 have been sold.

Special Issue (Fifth Issue)

This pilot project was activated in 2006. The special issue was designed to publish papers from the 2006 CSA and CSHS meetings. Submissions were received as "short papers", which were approximately 2,000 words in length (including references). Figures and tables were kept to a minimum (usually a maximum of three illustrations). They were subject to the usual peer review. Eight Associate Editors were recruited to oversee the reviews. The deadline for acceptance was June 15. A total of 36 were submitted and the publication of accepted manuscript is scheduled for January 2007. In the future we hope that the review will be completed sooner so the publication will be printed before year end.

I would like to take this opportunity and thank the executives of the CSA, CSHS, CWSS and AIC for their continued support and assistance throughout my term as an editor and especially this year. They shared my belief that we should try every avenue possible to ensure that the infrastructure of our journal is healthy and meets the highest technical standards demanded by readers and the authors who publish in the CJPS. Once again I would like to thank our entire team of Associate Editors and the journal office for their assistance. Without their commitment we could not sustain the success we continue to experience.

Volume 86 of the Canadian Journal of Plant Science (2006) is nearly complete and with it I will complete my term serving as Editor. It has been a busy but very satisfying experience. I have been blessed with the extraordinary support provided by everyone, Associate Editors and Journals staff alike, whom I credit for making my job enjoyable and rewarding. Finally, I would like to welcome Dr. Vaino Poysa as the incoming Editor for the Journal. In addition to completing his 5th year as an Associate Editor, Vaino is a well-known Canadian plant scientist and a member of the CSA. He has published in CJPS, is very skilled as an editor and team leader. He will do an outstanding job in his new role.

Yousef A. Papadopoulos

UPDATE ON EDITOR AND ASSOCIATE EDITOR CANADIAN JOURNAL OF PLANT SCIENCE



CJPS New Editor

Vaino W. Poysa, Ph.D. - Research Scientist, Soybean Breeding

Greenhouse and Processing Crops Research Centre, Agriculture and Agri-Food Canada, Harrow, ON, N0R 1G0; e-mail: poysav@agr.gc.ca; Tel: 519-738-2251 X-467

Dr. Poysa obtained a B.A. (US History) from St. Lawrence University, Canton New York, in 1970, a B.Sc. (Agr.) in Crop Science in 1976 and a Ph.D in Plant Breeding in 1981, both from the University of Guelph. After leading the triticale breeding program at Guelph (1979-1984), Dr. Poysa became a Research Scientist at Agriculture and Agri-Food Canada, Harrow, Ontario, establishing an international reputation as both a tomato and soybean breeder. His food grade soybean breeding program (1996-2007) has released eight outstanding cultivars. He has been a leader in developing soy lines optimally suited for traditional and new soy food processing; in improving nutraceutical content and flavour for the North American market; and in developing genetic resistance to major soy diseases.

Dr. Poysa is an Associated Graduate Faculty member in the Department of Plant Agriculture and the Food Science Department, University of Guelph. He has authored or co-authored over 50 scientific articles in peer-reviewed journals.

http://res2.agr.ca/harrow/teams-equipres/cvs/poysa/poysa_cv_e.htm



CJPS new Associate Editors

Horticulture: Berry, fruit breeding and physiology, Shahrokh Khanizadeh (Replacing Jean-Pierre Privé)

Shahrokh obtained his B.Sc. in Agr. Engineering in 1975, his M.Sc. & Ph.D. in Small fruit culture and plant physiology and biochemistry from McGill University in 1983 and 1989, respectively. He completed his post Doctorate Research in breeding while working as a lecturer and Assistant Prof at McGill University. In 1992 he joined Agriculture and Agri-Food Canada. Since 1997 he had over 95 innovations, including a software for breeders (www.Unibase.ca) and the release of 14 strawberries, 7 apples and 17 winter hardy dwarf apple rootstocks (www.khanizadeh.info/patent). He is the author and co-author of over 170 peer reviewed publications, 400 published articles and 350 invited seminars, lectures and introductory conferences as guest speaker. Since 1999, he has trained 28 foreign students from China, Germany and France, supervised 26 graduate students, 14 visiting scientists and presently is an Assistant Professor at Laval University and the president of CSHS.

In 2005 he received the Gold Harvest Award from the deputy minister of agriculture for the qualities of excellence and innovation, partnering and team building, leadership, client-Centre work, and inclusiveness, particularly with regard to genetic enhancement and cultivar development and the work that foster inclusiveness and equity.

http://res2.agr.gc.ca/stjean/personnel/khanizadeh_e.htm or www.khanizadeh.info

Short Term, John O'Donovan, (To serve from 1 February 2007 to 31 December 2007, replacing Dr. George Clayton who is on French training leave)

Agronomy- Breeding, **Stephen Fox**, (Replacing P. Juskiw)

Agronomy- Breeding, **Jennifer Mitchell-Fetch**, (Replacing V. Poysa)

Agronomy-: Applied Technology, **Rigas E. Karamanos**, (Replacing. M.K. Upadhyaya)



Rigas E. Karamanos, B.Sc., M.Sc., Ph.D., P.Ag.

Rigas holds a Bachelor's in Agriculture from the Aristotelian University in Thessaloniki, Greece and M.Sc. (1975) and Ph.D. (1979) in Soil Chemistry and Fertility from the University of Saskatchewan. Rigas taught at the University of Saskatchewan and McGill University from 1980 to 1994 with a three-year interruption to serve as the Senior Research Agronomist with Esso Chemical Canada. He directed the Saskatchewan Soil Testing Laboratory and Enviro-Test Laboratories Saskatoon for seven years. Rigas joined Westco in 1997 and is currently managing Agronomy. Rigas is an adjunct professor at the Departments of Soil Science of University of Saskatchewan and University of Manitoba.

Rigas has 75 research (peer reviewed) and over 220 technical and conference proceedings publications covering an array of topics and has given over 530 extension talks to farmers, agronomists and government employees along with a number of radio and TV interviews and articles in popular magazines and newspapers. He is currently serving as a member or on the executive of a variety of professional organizations and committees (e.g., Editorial Board of Communications in Soil Science and Plant Analysis, Director of the Soil and Plant Analysis Council, member of the Crop Nutrient Council and a number of CFI committees, etc.) and maintain active membership in the Canadian Society of Agronomy, Canadian Society of Soil Science, International Society of Soil Science, American Society of Soil Science, American Society of Agronomy, Alberta Institute of Agrologists and Agricultural Institute of Canada, Saskatchewan Soil Conservation Association, International Soil and Plant Analysis Council.

CSA/CSHS: Pest Management: Entomology, **Peter Mason** (Replacing K. MacKenzie)



Dr. Mason obtained a B.Sc. (Honours) from the University of Guelph, in 1975, a M.Sc. (Entomology) in 1978 and a Ph.D (Entomology) in 1983, both from the University of Saskatchewan. After gaining experience in biological control at the AAFC Saskatoon Research Centre (1983-1985), Dr. Mason became a Research Scientist, establishing an international reputation in the ecology and management of black flies. His research contributed to the development of a reduced risk management strategy for *Simulium luggeri* in the Saskatchewan River system. In 1991 he resumed research on biological control of insect pests of canola, spending 2 years (1993-1995) as a visiting scientist at the USDA/ARS

European Biological control Laboratory in Montpellier, France. In 1998 he was transferred to the AAFC Research Centre in Ottawa where he leads national initiatives in arthropod biological control and insect systematics. He has been a leader in developing new methods for host-range testing, evaluating agents, and developing international standards for ensuring the safety of biological control.

Dr. Mason is an Adjunct Professor in the Department of Entomology, University of Manitoba. He has authored or co-authored over 40 scientific articles in peer-reviewed journals.

CWSS: Pest Management: Weeds, **Eric Johnson** (Replacing Dr. J.A. Ivany)



Eric Johnson, M.Sc., P.Ag.

Eric Johnson is a Weed Biologist with Agriculture and Agri-Food Canada at Scott, SK. Eric received his Bachelor of Science in Agriculture in 1982 and his Masters of Science in Weed Science in 2000, with both degrees obtained from the University of Saskatchewan. Eric began his career in 1982 working in agriculture extension with Saskatchewan Agriculture and Food. He worked both as an Extension Agrologist in district offices and as a crop specialist in the North Battleford regional office. In 1996, he took a secondment to Agriculture and Agri-Food Canada at Scott, working as a biologist on alternative seeding dates (fall dormant, early spring) for herbicide tolerant canola. In 2001, he took over the Weed Biologist position at Scott. Eric is also the Site Manager for the Pesticide Minor Use Program at the Scott Research Farm. In recent years, Eric's field research has focused on: effect of repeated applications of residual herbicides on re-cropping; physical weed control; screening of pesticides for minor crops; and managing herbicide tolerant crops. He has authored or co-authored 20 refereed scientific manuscripts and has authored 50 research reports since 2000. Since the inception of the Pesticide Minor Use Program, he has managed research that has resulted in 16 minor use registrations in 38 different crop types. He has contributed to 100 workshop proceedings and participated in 110 technology transfer events.

NEEDED SCIENTIST MENTORS FOR A YOUTH COMPETITION

At the Plant Canada meeting June 10-14, 2007, we are organizing a pilot project to hold a Saskatchewan Youth Science Journalism Competition.

We are looking for scientists working in the field of plant science to be interviewed by high school students who will put together a journalistic piece that will be submitted for judging. The University of Regina, Journalism School is providing the journal mentors for the students. The student's work will be judged and displayed at the Plant Canada meeting.

For more information contact Bruce G., Saskatchewan Youth Science Journalism Challenge School Poster, Science Journalism Challenge.

Or visit <http://www.science-west.ca/Journalism/>

Dr. Bill Brooks

CHARLIE BISHOP MEMORIUM



Canadian agriculture and the world of horticultural science benefited in many important ways from the life and work of Dr. C.J. Bishop who passed away in Ottawa on October 31, 2006. Raised in a fruit growing family in the Annapolis Valley of Nova Scotia and educated as a botanist and geneticist (Ph.D. Harvard University 1947), Bishop was amongst the first to apply irradiation breeding techniques to apple. He also made important contributions to the development of early-ripening tomato cultivars for Eastern Canada. While primarily a scientist and research manager, his lifelong interest in horticultural crop improvement through cytology and genetics was passed along to the next generation of plant breeders. He found a way to balance his early work as a fruit breeder and ultimately Superintendent of the Kentville, Nova Scotia Agricultural Experiment Station (1947-1958) with being a professor of genetics at Acadia University. Later in life he was to be feted by Acadia University with an Honorary Doctorate of Science.

However, it was between 1960 and 1985 that Dr. Bishop was in a position to profoundly influence horticultural science and industry across Canada. Based in Ottawa, he served Canada's re-organized federal department of agriculture (re-named Agriculture Canada and then Agriculture and Agri-Food Canada) as a research coordinator, first focussing completely on horticultural crop research and then on all crop research supported by the Department. He proved to be highly influential in determining both direction and quality of plant science research within the organization. Furthermore, through leadership of Canada's Expert Committee on Horticulture, he had great influence on the entire horticultural research, education and extension community of Canada.

A quiet thoughtful man, Dr. Bishop worked tirelessly and strategically to strengthen horticultural science and industry in Canada. He was particularly influential in mentoring the Canadian Society for Horticultural Science for which he became a Life Member and Honorary President in 1968. The C.J. Bishop Award honours the best paper on horticulture in the Canadian Journal of Plant Science. His service to horticultural science and industry nationwide was recognized by the Canadian Horticultural Council with its Award of Merit (1972) and by Life Membership in 1985. Bishop was the first Canadian scientist to become a Fellow of the American Society for Horticultural Science (1968). The Agricultural Institute of Canada recognized him as a Fellow in 1977. His ongoing academic interest in cytology and genetics led to his election as President of the Genetics Society of Canada and a term as President of the Science Section of the Royal Society of Canada. He was recognized as a Fellow of the Royal Society in 1958.

As Canada's representative to the Council of the International Society for Horticultural Science, Dr. Bishop played an important part in the early development of ISHS. While unable to travel to the inaugural Council meeting (The Hague, 1960), he was an active participant in meetings at Brussels (1962), Edinburgh (1964) and Beltsville (1966) where the present-day form and function of ISHS was largely established. He continued in this role until 1980. He was profiled in *Chronica Horticulturae* in the July, 1970 issue.

What the historical record does not show about Charlie Bishop is the fact that he was a well-mannered gentleman who always listened carefully and responded generously. He was an avid gardener and collector of orchids. He was an enthusiastic amateur musician (piano), enjoyed the sport of curling and was an accomplished bridge player. He served his community through Rotary International where he was an Honoured Life Member of the West Ottawa Club. He is survived by Kay, his wife of 55 years, and by their son John Bishop of Lanark, Ontario.

Norman E. Looney

CONGRATULATION TO CSHS MEMBERS



Congratulations from the CSHS board and members to Dr. Norman E. Looney, Principal Scientist Emeritus at the Pacific Agri-Food Research Ctr., Summerland, British Columbia for his re-election as President of the International Society for Horticultural Science (ISHS). This election took place during the 27th International Horticultural Congress (IHC) in Seoul, Korea (August 2006). Looney will continue as President until the end of the next IHC in Lisbon, Portugal in 2010.

Norm Looney (right) and Jozef Van Assche (ISHS Executive Director) viewing the ISHS Presidential Scepter.



Congratulation to Dr Sylvie Jenni who received 'le Méritas Frédéric Trudel' during la Semaine Horticole 2007.

This award is presented each year by 'la Fédération des producteurs maraîchers du Québec' to a researcher or extension agent for her/his work and dedication to the horticultural industry in Quebec.

The research team including Jean-Claude Desrosiers, Jean-François Dubuc and Luc Marchand technicians were also presented during the ceremony.

WESTERN CANADIAN SOCIETY FOR HORTICULTURE STUDENT TRAVEL GRANT

The Canadian Society of Horticultural Sciences announces that one Western Canadian Society for Horticulture travel grant will be awarded to a graduate student attending the CSHS annual conference. To be eligible, students and their supervisor(s) must be members of the Canadian Society for Horticultural Science and must have submitted an abstract for presentation at the annual conference. The student must submit to their department head or chair a copy of the application form and their abstract. Each department of horticulture/ plant science may submit by April 15th dossiers of two students to the Secretary/ Treasurer of Canadian Society for Horticultural Sciences who will then forward the material to the chair of the awards committee. The award will be based on merit and geographical distribution. Students will be informed by May 15th if they have been awarded a travel grant. Each student must attend the meeting to receive the award. The cheque and an award certificate will be provided at the annual conference during the awards ceremony.

For more information see the Canadian Society for Horticultural Science Website at: www.cshs.ca under awards

CSHS-ASHS LIASON COMMITEE REPORT UPDATE OCTOBER 5TH, 2006

Free ASHS membership for undergraduate students:

- ASHS is now offering any undergraduate (not graduate!) student free one year membership. Any undergraduate studying horticulture (doesn't need to be 4-year--community college/2-year program counts just as much) can sign up for a complimentary one-year membership that includes the electronic ASHS Newsletter and an electronic subscription to HortTechnology--along with all other rights and privileges of ASHS membership. They just need to go to the ASHS website, click on "how to join", and they'll be taken to a short online form to fill out--simple as that.
- **Colloquium Topic:** Barriers to Increased Horticultural Trade & Market Integration with Special Emphasis on Countries in the Western Hemisphere has been approved for ASHS meeting in Scottsdale, Arizona July 2007.
- Increased trade flows in horticultural products are beneficial to both producers and consumers. The producer benefits from selling products in a much larger market, and the consumer benefits from having a broader range of product to choose from. Market integration has allowed the U.S. and Canadian producers of greenhouse campari tomatoes, for example, to significantly reduce their resources to market the product. Similarly, potato farmers of both countries are working together to address the excess potato supply in the North American market to ensure that potato growers on both sides of the border obtain a fair price. Increased economic integration between countries in the Western Hemisphere, such as between the U.S. and Canada, has resulted in an enormous expansion in cross border activity and enhanced trading relationships between these countries. Since the introduction of the North American Free Trade Agreement (NAFTA) that was implemented in 1994 the growth in horticultural trade has been explosive. In 2004, it reached \$5.1 billion ^ the United States exported \$2.9 billion in horticultural crops to Canada, while \$2.2 billion worth of Canadian horticultural products were exported to the U.S. market. This colloquium will address the economic *and societal* benefits of having free trade agreements between countries in the Western Hemisphere for fruit, vegetable, flower and nursery producers. Moreover, the colloquium will address specific *barriers* that work against free trade in horticultural commodities, including inadequate funding for research and development work to help horticultural producers comply with cross-border phytosanitary and pesticide regulations. Case studies will be presented to illustrate how increased funding for collaborative research between several countries and the United States has led to dramatic increases in horticultural trade, including trade in mangoes.
- The Board will meet in the spring and before July meeting in Scottsdale, Ariz. I plan on attending these two meetings.



Blanche Dansereau
CSHS/ASHS Representative

MEETING IN 2007 WITH PLANT CANADA, JUNE 10-14, SASKATOON

Plant Canada 2007 is meeting in Saskatoon from June 10-14, 2007. There will be 6 Canadian plant science societies in attendance covering topics related to botany, plant physiology, plant pathology, horticulture, agronomy, and weed science. We have planned an exciting program:

1. 2 Plenary Sessions (Natural products and Plant Health Network)

Symposium 1 - Natural Products - Nutraceutical/Functional Food

Organized and moderated by Dr. S. Khanizadeh

[Distribution and antioxidant properties of apple flavonols](#)

Vasantha H. P. Rupasinghe, Department of Environmental Sciences, Nova Scotia Agricultural College, Truro, Nova Scotia B2N 5E3, Canada

[Novel Techniques to Improve Functionality of Horticultural/ Foods and Food Ingredients](#)

Hosahalli Ramaswamy, Professor, Department of Food Science, McGill University, Ste Anne de Bellevue, Quebec, Canada.

[Food with Added Physiological Functions: Facts and Fallacies](#)

Peter J Jones, Director, Richardson Centre for Functional Foods and Nutraceuticals
Professor, Departments of Food Science and Human Nutritional Sciences
196 Innovation Drive, University of Manitoba

[Exploring native Canadian plants for human health](#)

Rong Cao, Food Research Program, Agriculture & Agri-Food Canada, 93 Stone Road West, Guelph, Ontario

Symposium 2 - Organic Horticulture: Separating Fact from Fantasy

Organized and moderated by Dr. D. Ehret

[Organic production of vegetables: State of the art and challenges](#)

Dr. Martine Dorais, Agriculture and Agri-Food Canada, Horticultural Research Centre, Laval University, QC

[Organic fruit production: Managing reality and perception](#)

Dr. Gerry Neilsen. Agriculture and Agri-Food Canada, Pacific Agri-Food Research Centre, Summerland, BC

Are organically-produced fruits and vegetables safer and more nutritious than conventionally-produced fruits and vegetables? A review of the literature

Dr. Robert Prange, Agriculture and Agri-Food Canada, Atlantic Food and Horticulture Research Centre, Kentville, NS

2. Special Education and Industry sessions (Communicating Plant Sciences and Designing a New Agri-food Industry)
3. 13 Society Symposia: Natural products from horticultural crops, Organic horticulture, Long distance signaling via phloem, Natural products and physiology, Linking plant pathology with

- commercial industry, Emerging plant disease epidemics, Successes and disappointments in plant physiology from a cropping system perspective, Advances in medicinal research, Floristics for the future, Ontogeny of the flower, and plant ecology and invasive species
4. Contributed paper and poster sessions. There will be awards for student papers and posters.
 5. In addition, there are plans for special tours, a scientific writing workshop, and a Youth Science Journalism Competition.

Visit <http://www.plantcanada.ca/2007.htm> for details

We have received organizational and financial support from: Saskatchewan Agriculture and Food, BASF, Philom Bios, Becker Underwood, University of Saskatchewan, National Research Council, Canada Wheat Board, Saskatchewan Canola Development Council, and Bayer Crop Science.

If you have any questions, drop me a line at Tel: (306) 956-7260 or Email:baileyk@agr.gc.ca. Hope to see in Saskatoon in 2007!

Karen Bailey, Plant Canada Local Arrangements Chairperson

Tentative Tours schedule for Plant Canada 2007

For more information and update visit Plant Canada web site

Sunday Tours: 1 to 5pm

Western Development Museum Cost: \$35

This 'Boomtown' museum claims to be Canada's largest indoor town museum. It features an entire main street full of shops and businesses set in 1910. It also has dozens of old tractors, farm equipment, and cars. For more information see: <http://www.wdm.ca/stoon.html>

Wanuskewin Heritage Park Cost: \$35

Originally an Aboriginal archeological site, this park is now an educational centre. We will take a guided tour that blends aboriginal culture, archeology and native prairie plants. Their restaurant serves traditional aboriginal foods. For more information see: <http://www.wanuskewin.com>

Thursday tours:

Tours may be taken in the morning or in the afternoon. They will run from 8am to Noon and Noon to 4pm. Those going on 2 tours will have time for lunch at the Agriculture building (no need to go back to TCU Place at noon).

Campus Tour #1: U of Sk. Agriculture Building & Plant Gene Resources of Canada

Cost: \$25

The tour will include the Agriculture Building including the Phytotron, and various labs. From the top floor, we will see most of the campus. We will also visit the 'North 40' gift shop and the Ag building's 'Kenderdine Art Gallery'.

At Plant Gene Resources of Canada we will visit the seed genebank and will see labs involved with seed processing, germination tests, cold storage, cryogenic storage and their greenhouse.

Campus Tour #2: Synchrotron and Plant Science Greenhouse. Cost: \$25

The Canadian Light Source or Synchrotron is billed as “Canada’s most expensive Science project in over 30 years”. Our tour guide will explain its interesting applications with emphasis on plant science research. For more information see: <http://www.lightsource.ca>.

The Plant Science Greenhouse contains plant material from various breeding and research programs, pathology experiments, and collections of plants for classes. The ebb and flow greenhouse, mist propagation areas and capillary mat watering systems are particularly interesting. There is also a collection of over 150 different cacti.

Campus Tour #3: Horticulture Field Plots and Patterson Gardens Cost: \$25

The Horticulture field plots contain 46 acres of fruits, vegetables and ornamentals. Each year the Vegetable Program tests 12 species and over 300 varieties. The Fruit Breeding Program maintains Canada’s largest collections of Saskatoons, Blue Honeysuckles, tetraploid strawberries and dwarf sour cherries. It also maintains collections of apples, choke cherries, plums, sandcherries, cherry-plums, black currants, Missouri currants, and pears adapted to zone 2! Patterson gardens is a collection of hundreds of trees and shrubs that were part of the Prairie Regional Trials for Woody Ornamentals. It also has an All-American display garden.

UPDATE ON INTERNATIONAL PROJECT

Dr. Merv Pritchard and Dr. Mary Ruth McDonald are preparing for a project monitoring trip to Ghana and a professional exchange with colleagues in the Ghana Institute of Horticulturists (GhIH) in February 2007.

With additional financial support from CIDA through the Agricultural Institute of Canada, three professional societies in Africa which work with Canadian partners - GhIH, the Ghana Society of Animal Production (GSAP) and the Tanzania Society of Agricultural Education and Extension (TSAEE) - will participate in a South-South Exchange in the next few months. The members will see first hand how each other’s group is working in horticulture, animal science and rural extension on addressing issues related to crop and livestock production and food security, micro enterprise development, gender equality, HIV-AIDS programming within agricultural activities, and organizational capacity-building.

Two colleagues from the Ghana Institute of Horticulturists will be coming to Canada in late October 2007 to attend the International Partners’ Meeting (IPM) in Edmonton preceding the Agricultural Institute of Canada’s annual conference scheduled for early November. The focus session for this IPM will be on Gender Equality and on Organizational Assessment. We plan to arrange touring opportunities for our colleagues while they are in Canada. Please let someone on the committee know if you have an interest to assist with touring activities in the Edmonton area, in Guelph or in New Brunswick, or if you plan to attend AIC’s conference and would like to meet with our colleagues from Ghana.

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Mary Ruth McDonald, mrmcdona@uguelph.ca

Josee Owen, owenj@agr.gc.ca

Merv Pritchard, pritcha@cc.umanitoba.ca

AIC ANNUAL GENERAL MEETING

Dinah Ceplis, Director of Distance Education, Library and Instructional Support and Distance Education Specialist attended the AIC general meeting on November 5th, 2005 in Winnipeg on behalf of the CSHS executive.

The AIC Foundation received funds from the dissolved Canadian Society of Extension which led to the creation of the Blackburn Fund. Funds were bequeathed by the late Karl Iverson for the Karl Iverson Fund.

Funding sources total about \$1,215,000. Of this, 47% comes from projects (such as CIDA), 43% is earned, 7% is coming from membership fees, 2% from provincial institutions and 1% from various sources.

AIC provides honours and awards, journals, accreditation, international projects, conferences, and discussion papers. There are currently 615 members, 21 associate members and 2 corporate members. The hope is for more members.

There are currently 5 international projects in 4 countries (Ghana - Horticulture, Ghana - Animal Science, Tanzania - Extension, Viet Nam - Soil Science and Sri Lanka - Soil Science) with opportunity for new project partnerships.

Dale Kelly, P.Ag CAC is the new president of AIC and all appreciated the work of retiring directors Rick Koller and Kim Shukla, and a 10 year volunteer commitment from Sandy Todd.

A copy of the last meeting is available of CSHS.ca.

Dinah Ceplis, P.Ag.

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AIC has arranged a competitive Errors and Omissions Liability Insurance Program through Aon Reed Stenhouse which is exclusive to AIC members for Professional Agrologists, Certified Crop Advisors and Technical Agrologists. This Program is tailored to meet the needs of AIC's members. **A 10% rate decrease has been negotiated for our members effective with the March 1, 2007 renewal of the Program.**

For more information or to purchase Professional Liability Insurance, please contact a representative at Aon at 1-800-267-9364 or group.programs@aon.ca or visit <http://www.aic.ca/membership/benefits2.cfm> to download read more about rates and to download the application forms.

ITPP South-South Exchange

AIC's International Twinning Partnership Program (ITPP) has recently received supplemental funding from CIDA for an enhanced south-south exchange program component.

This activity will focus on strengthening the links and knowledge sharing between the ITPP partners in Tanzania (Tanzania Society of Agricultural Education and Extension) and Ghana (Ghana Institute of Horticulturists and Ghana Association of Animal Production).

There will be three components to this endeavour, including exchange between the two Ghana projects in areas of both community outreach and capacity development, and exchange of project participants from Tanzania to Ghana, and from Ghana to Tanzania.



Official signing: During a professional exchange to Tanzania in November 2006, a partnership agreement was signed with the Tanzania Society of Agricultural Education and Extension (TSAEE). From left to right, AIC Executive Director Tom Beach, Canadian Project Coordinator Brita Ball, Abbas Munisi TSAEE Honourary Secretary, and Beny Mwenda Tanzanian Project Coordinator. Through this project, women and youth in north-western Tanzania increase their skills to maintain viable rural agribusinesses and to contribute to household and community food security.

IDRC Doctoral Research Award

Since 1982, the International Development Research Centre (IDRC) has assisted Canadian graduate students to undertake their thesis research in the field of international development. IDRC Doctoral Research Awards are intended to promote the growth of Canadian capacity in research on sustainable and equitable development from an international perspective.

Applications will be accepted for research at the doctoral level in areas corresponding to IDRC's research priorities. The deadline for applications is April 1, 2007. More information on the fields of study, eligibility, and application process can be found on IDRC's website at: http://www.idrc.ca/en/ev-23374-201-1-DO_TOPIC.html

AIC Honours and Awards Call for Nominations

AIC has had a long tradition of honouring accomplished individuals and organizations. We honour those who have made outstanding contributions to the Institute, their profession and to the agri-food sector as a whole. Consider nominating a colleague and gathering support to recognize their accomplishments or offer to provide supporting letters to a nomination underway.


AIC has had a long history of honouring accomplished individuals and organizations

For most AIC awards, nominations are accepted from Association Members of AIC or 5 individual members of AIC. Please see the award guidelines for details. Nominees must be members of AIC, except in the case of the International Partners Award, where the award specifically recognized AIC's non member partners.

The 2007 Honours and Awards ceremony and presentation s will be made at the AIC Conference in November in Edmonton, Alberta.

The 2006 Application forms are now available online at <http://www.aic.ca/about/awards.cfm> or by contacting the AIC office. Application deadline is April 30th, 2007.

2007-08 Board of Directors – Call for Nominations

The Agricultural Institute of Canada (AIC) seeks nominations for the Board of Directors to be installed at the AIC Annual General Meeting (AGM) in November 2007.

The AIC Board consists of six Directors, the Vice-President, President and Past President. The 2007 Annual meeting will require an election of one Director (three year term) and a Vice-President.

The following positions are open for nominations (these positions become vacant effective November 4, 2007 Annual Meeting)

- Vice President (3 year board term - one year as Vice President, one year as President and one year as Past President)
- Two board directors for a three year term (Nov 2007- Nov 2010)

Term of Office and Representation

The term of office for directors is normally three years. Directors do not represent a specific geographic region of Canada, or a specific organization, but as a Board Director are accountable to the entire membership of AIC.

What are the responsibilities of an AIC Director?

The AIC Board has developed a list of expectations for nominees so they learn about the expectations and responsibilities for them as board members. A copy of the expectations is available from the AIC office so that nominees can become familiar with the level of commitment that is required.

Who can make nominations?

Individual AIC members and AIC association members can nominate candidates for Director or Vice-President.

Who can be nominated?

Individual AIC members can be nominated for positions of Director and Vice-President

How to nominate:

To nominate a member please provide the following information to Sandy Todd, PAg, Chair, AIC Nominating Committee by e-mail todds@agr.gc.ca or phone 709-772-7474 before May 8, 2007

1. Nominators Name and Contact information;
2. Nominee's name and contact information;
3. Confirmation that the nominee has agreed to allow his or her name to stand for office;
4. A brief, typed resume of no more than 250 words (one typed page) to support your nomination. If the resume is more than 250 words, staff will edit it. These will be used should an election be required and to provide a profile of board directors for media release.

The Nominating Committee will make every effort to consider geography, discipline and gender in its roster of candidates from which the membership will elect their board.