

# CPS • SCP News



CANADIAN PHYTOPATHOLOGICAL SOCIETY • SOCIÉTÉ CANADIENNE DE PHYTOPATHOLOGIE

VOL. 49, NO. 1

[www.cps-scp.ca](http://www.cps-scp.ca)

March 2005

## Mot du Président/ President's Message

La période de janvier à mars est un peu le calme avant la tempête... Mais la société est quand même active sur plusieurs fronts. Une de nos préoccupations est de renforcer nos liens avec d'autres sociétés et de consolider nos réseaux. Pour refléter ce souci, nos trois prochaines réunions seront tenues conjointement avec d'autres sociétés : avec Plant Canada en 2005,

avec l'APS et la MSA en 2006 à Québec (un rendez-vous à ne pas manquer!) et encore avec Plant Canada en 2007 à Saskatoon.



La SCP vient tout juste de se joindre au réseau de gestion des plantes, qui

comprend entre autres la société canadienne d'agronomie et la société américaine de phytopathologie. Cette participation devrait augmenter notre visibilité (voir le site web [www.plantmanagementnetwork.org](http://www.plantmanagementnetwork.org)) en plus de donner à nos membres des rabais

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sur les services offerts par le réseau. Nous pensons que la participation de la SCP à ces réseaux pourrait augmenter nos cotisations et nos abonnements, les visites sur notre site web, l'achat de nos produits, et la publication dans nos revues.

Un des succès de notre société est la publication du livre maladie des grandes cultures au Canada. Grâce aux efforts de Luc Couture, Karen Bailey, Bruce Gossen, Richard Gugel & Robin Morrall, une version française de ce livre a été produite. J'ai participé à Sainte-Hyacinthe au lancement de MGCC au Salon de l'Agriculture du Québec en janvier 2005. Robin Morrall et Luc Couture ont planifié et organisé un événement qui a été couronné de succès. Ce fut une excellente

occasion de mettre en valeur notre société et ses produits. La participation a été excellente et grâce aux contacts privilégiés de Robin (une affaire de famille !), le président du Salon de l'Agriculture était présent au lancement. (Il ne faut pas oublier que plus de 11 000 personnes participent au Salon et que la compétition est féroce pour attirer l'attention ! La présence du président représentait tout un exploit). Jusqu'à maintenant, les ventes de MGCC sont au-delà de nos prédictions, avec 700 copies vendues aux sponsors au lancement et 250 copies additionnelles vendues depuis, sur un nombre total de 3000 copies.

Pour notre autre livre, maladies et ravageurs des cultures légumières au Canada, la version française est maintenant épuisée malgré le fait qu'il reste suffisamment de copies de la version anglaise pour encore environ 2 ans. Il faut dire que la version française se vend très bien, et on ne devrait pas s'en étonner : les anglophones ont plusieurs sources pour acheter des livres spécialisés, alors que notre société est une des rares à fournir des ouvrages spécialisés en phytoprotection à la communauté francophone internationale. Étant donné que ré-imprimer la version française coûterait plus cher que le prix de vente, le CA a décidé de faire un compromis et de faire une version électronique du livre qui sera disponible sur CD en attendant une solution plus permanente. La leçon à retenir de cet épisode est qu'il faut cesser de sous-estimer le marché francophone et qu'il faut aussi penser au marché francophone international. En effet, les demandes pour MRCLC viennent de France, d'Afrique, etc.

Une des initiatives que le CA a décidé de prendre en main est une modification de notre système d'élection. Étant donné que seulement environ un quart de nos membres (et parfois bien moins !) participent à l'assemblée annuelle, nous voulons donner la chance à tous nos membres de voter. Nous voulons donc examiner la possibilité de faire un amendement à la constitution qui demandera au comité des nominations de soumettre une liste de candidats qui sera publiée dans le bulletin de la SCP, ce qui rendra possible le vote par courrier avant

le congrès annuel. Nous espérons que ce système donnera à tous les membres l'opportunité de participer aux élections.

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**<<C'est important qu'on profite pleinement de cette opportunité de se joindre à toutes les sociétés qui font partie de Plant Canada pour cette rencontre.>>**

Nous proposons aussi un changement aux règlements qui séparera les frais d'abonnement à la société des frais d'abonnement à la revue. Ceci permettra d'ajuster les abonnements sans avoir à voter des changements aux règlements à chaque fois.

En terminant, je voudrais vous inviter chaleureusement au congrès annuel 2005 à Edmonton. J'espère vous y voir en grand nombre. C'est important qu'on profite pleinement de cette opportunité de se joindre à toutes les sociétés qui font partie de Plant Canada pour cette rencontre. Jetez un coup d'œil au programme au site <https://www.plantcanada2005.ca>. Au plaisir de vous y voir !

Richard C. Hamelin  
Président

## Société Canadienne de Phytopathologie

The January to March period can generally be considered as the calm before the storm. Still the Society has been active on several fronts. One of the themes driving our business this year is the need for our Society to interact with other societies and re-enforce our links and networking. Thus, our next three meetings will be held with other Societies, first with Plant Canada, then with the American Phytopathological Society and the Mycological Society of America in Québec city (mark that one in your agenda!) and again with Plant Canada in Saskatoon.

Last month, CPS has joined the Plant Management Network, which comprises other plant science Societies including the APS and the Canadian Society of Agronomy. The Plant Management Network is cooperative resource to provide plant science practitioners access to searchable database comprised of thousands of web-based resource pages from the network's partner universities, companies, and associations. That will increase our visibility (see the web site [www.plantmanagementnetwork.org](http://www.plantmanagementnetwork.org), where our logo with a description of CPS activities and a link to our web site can be found) and give our members access to discounts for the services offered by the Network. We believe that participating in these large initiatives could result in increased membership, visit to our website, purchases of our products, publishing in our journals and citing of our publications.

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***“ It’s important that we make the most out of this opportunity as this is our first joint meeting with all sister societies of Plant Canada. ”***

One of our big success stories is the book *Disease of Field Crops in Canada*. Thanks to the efforts of Luc Couture, Karen Bailey, Bruce Gossen, Richard Gugel & Robin Morrall, a French version of the book was produced. I participated in the launch of *Maladie des Grandes Cultures au Canada* at the Quebec Agriculture Fair in Saint-Hyacinthe in January. Robin Morrall and Luc Couture planned and organized a very successful event there. This was an excellent window for the visibility of our Society and of our products

here in Quebec and we’re hoping this will help our membership. Participation was excellent

and, through Robin’s privileged contacts (actually, family business!), the president of the Quebec Agriculture Fair was in attendance. (This is a huge fair, with 11 000 participants, so to have the president at our gathering was quite a feat!). So far sales of MGCC are exceeding our expectations, with 700 copies pre-sold to sponsors and 250 additional copies sold since out of a total of 3000 copies.

On a different front, we are trying to solve the question of what to do with the French version of *Disease and Pests of Vegetable Crops in Canada*. The French version is now out of print but we still have for about 2 years worth of the English version. The French version is selling very well and that’s not necessarily surprising: English speakers can find plenty of books on diseases and pests of vegetables, but French speakers (around the world!) rely heavily on our book. Since printing only the French version now would cost more than the selling price, the Board decided after discussions with the Canadian Entomological Society to go for a compromise and do an electronic version

that will be available on CD. If there is anything to be learned from this lesson, it is that we shouldn't underestimate the French market when it comes to our products and we shouldn't restrict our projections to the Canadian market. Requests for the French version of DPVCC come from France, Africa, etc...

Among the initiatives that the Board is tackling this year is the issue of our election system. Because less than about a quarter of our members (often much less than that!) show up at the annual business meeting, we feel that some of our members do not have a chance to vote for their elected officers. Therefore, we are working on amendment to the constitution that would require that the nominating committee submits a slate of nominees to be published in the CPS Newsletter. This would make it possible for all members to send their vote by mail prior to the annual meeting. We would hope that this system would increase the sense of participation in the election process from our members and improve representation. We are also asking for a change in the by-laws to split our dues between the CJPP and the CPS membership. This will allow us to adjust the dues without having to vote by-law changes. Please read the proposed change in the current Newsletter.

Finally, I would like to invite you all at the 2005 CPS meeting in Edmonton. I hope that I will see many of you there. It's important that we make the most out of this opportunity as this is our first joint meeting with all sister societies of Plant Canada. We have several reasons to make a strong show, and not the least is that if there are any profits (and it looks like there will be), societies split the amounts proportionately to participation at the meeting. Take a look at the program and visit the web site at <https://>

[www.plantcanada2005.ca](http://www.plantcanada2005.ca). I look forward to seeing you all there!

Richard C. Hamelin  
President  
Canadian Phytopathological Society

## Change of By-law

### Notice of Motion

The governing Board of the CPS wishes to bring forward a motion at the Annual General Meeting of the Society to be held in Edmonton AB in June 2005, to approve the following amendment of the CPS By-Law XVIII.

The proposed change to the CPS By-Laws would separate CJPP journal fees from membership fees. This would make it easier to adjust for increase in journal fees independently from membership fees without having to vote by-law changes.

Existing By-Law

### III. FEES

1. Annual fees shall be \$85.00 for Regular Members, including Fellows, and \$35.00 for Student Members and Emeritus Members who wish to receive the Canadian Journal of Plant Pathology. Honorary Members and Emeritus Members who receive only CPS-NEWS shall be exempt from fees.

Revised By-Law

### III. FEES

1. Annual fees shall be \$50.00 for Regular Members, including Fellows. Regular members, including fellows, who wish to receive the Canadian Journal of Plant Pathology shall pay the journal subscription rate in addition to annual membership fees.

Student Members and Emeritus Members who wish to receive the Canadian Journal of Plant Pathology shall pay the journal subscription fees. Honorary Members and Emeritus Members who receive only CPS-NEWS shall be exempt from membership fees”.

## Changement de règlement

### Préavis de motion

Le conseil d'administration désire changer le règlement XVIII à la réunion annuelle à Edmonton, AB en juin 2005. Le changement séparerait la cotisation annuelle des coûts d'abonnement à la revue pour rendre plus facile les ajustements reliés aux changements de coût de production de la revue.

Règlement actuel :

### III. COTISATION

1. La cotisation annuelle pour les membres réguliers, y compris les membres associés, sera de 85,00 \$ et de 35,00 \$ pour les membres étudiants et les membres émérites qui désirent recevoir la Revue canadienne de phytopathologie. Les membres honoraires et émérites qui reçoivent seulement le bulletin de nouvelles de la Société seront exemptés de la cotisation.

Nouveau règlement :

### III. COTISATION

1. La cotisation annuelle pour les membres réguliers, y compris les membres associés, sera de 50,00 \$. Les membres réguliers et les membres honoraires qui désirent recevoir la Revue canadienne de phytopathologie devront payer le coût d'abonnement de la revue en plus de leur cotisation annuelle. Les étudiants et les membres émérites qui désirent recevoir la Revue canadienne de phytopathologie devront payer les frais d'abonnement à la revue. Les membres honoraires et émérites qui désirent seulement recevoir le bulletin de nouvelles seront exemptés de frais de cotisation.

## Proposed Changes to the CPS Constitution regarding voting procedures

The following by-law currently reads:

Article VI B Election of Board Members and Members of Standing Committees

Sections 2, 3 and 4. The Nominating Committee shall submit a slate of nominees for Board Members and Standing Committees to the Secretary four months prior to the Annual Meeting. The Secretary shall notify all members of the nominations made by the Nominating Committee not less than three months before the Annual Meeting.

Suggested amendments to this section (changes in underline and italics):

Article VI B Election of Board Members and Members of Standing Committees

Section 2. The Nominating committee shall submit a slate of nominees for Board Members and Standing Committees to the

Secretary four months prior to the Annual Meeting. The Secretary shall notify all CPS members of the nominations made by the Nominating Committee by publication in the CPS Newsletter that precedes the Annual Meeting.

Section 3. Nominations for any office may be made from the Society at large but notice of such nominations shall reach the Chair of the Nominations Committee or the Secretary by February 1<sup>st</sup> of the year of the election and be signed by not fewer than five members, including the person nominated.

Section 4. The Secretary shall prepare a ballot(s) listing the vacant position(s) and all valid nominees for the position(s) will be published in the CPS Newsletter by at least two months prior to the Annual Meeting. Ballots shall be returned to the Chair of the Nominations Committee by regular mail, facsimile or by email marked with the sender's name by six weeks prior to the Annual Meeting. Ballots shall be counted by a committee of three consisting of the Chair of the Nominations Committee (as Chairperson) and two others (preferably CPS members) appointed by the Chair of the Nominations Committee. After the counting of the ballots is complete, the Chair of the Nominations Committee will submit the results of the ballot to the Secretary by three weeks prior to the Annual Meeting. The Secretary will cast a vote only to break a tie.

Submitted by:

Susan Boyetchko  
Jim Menzies

## **Propositions d'amendement à la Constitution de la SCP en ce qui a trait au mécanisme de votation**

Le règlement suivant se lit présentement comme suit :

Article VI B Élection des membres du Conseil et des membres des comités permanents

Sections 2, 3 et 4. Le Comité de mise en candidature doit soumettre au secrétaire une liste de candidats pour les postes de membre du Conseil et des comités permanents quatre mois avant l'assemblée générale annuelle. Le secrétaire doit aviser tous les membres des candidatures proposées par le Comité de mise en candidature au moins trois mois avant la tenue de l'assemblée générale annuelle.

Les modifications proposées à cette section sont les suivantes : (les modifications sont soulignées et en italique):

Article VI B Élection des membres du Conseil et des membres des comités permanents

Section 2. Le Comité de mise en candidature doit soumettre au secrétaire une liste de candidats pour les postes de membre du Conseil et des comités permanents quatre mois avant la tenue de l'assemblée générale annuelle. Le secrétaire doit aviser tous les membres de la SCP des candidatures proposées par le Comité de mise en candidature en faisant publier la liste de celles-ci dans le numéro du Bulletin d'information qui précède la tenue de l'assemblée générale annuelle.

Section 3. Des candidatures pour tout poste peuvent être proposées par n'importe

lequel membre de la Société, mais ces candidatures doivent parvenir au président du Comité de mise en candidature ou au secrétaire au plus tard le 1<sup>er</sup> février de l'année de l'élection et doivent être appuyées par au moins cinq membres, y compris le candidat lui-même.

Section 4. Le secrétaire doit préparer un ou des bulletins de vote avec la liste du ou des postes vacants et de toutes les candidatures valides qui seront publiés dans le Bulletin d'information au moins deux mois avant la tenue de l'assemblée générale annuelle. Les bulletins de vote doivent être retournés au président du Comité de mise en candidature par la poste, télécopieur ou par courriel identifié au nom de l'expéditeur au plus tard six semaines avant la tenue de l'assemblée générale annuelle. Le dépouillement des bulletins de vote doit être fait par un comité de trois membres présidé par le président du Comité de mise en candidature assisté de deux personnes (membres de la SCP de préférence) nommées par le président du Comité de mise en candidature. Après le dépouillement des votes, le président du Comité de mise en candidature remettra les résultats du vote au secrétaire au plus tard trois semaines avant la tenue de l'assemblée générale annuelle. Le secrétaire n'a le droit de voter que pour briser une égalité.

Soumis par :

Susan Boyetchko  
Jim Menzies

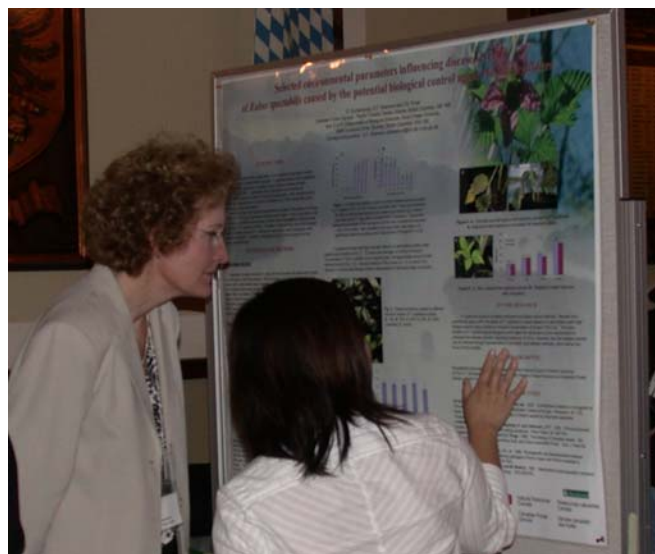
## Regional Reports

### British Columbia CPS-SCP Regional Meeting



Some attendees at BC's regional meeting of the CPS (please see the December issue of the CPS-SCP News for the meeting report). The meeting was held October 18 & 19, 2004 at the Victoria Edelweiss Club (the Club was decorated for Octoberfest!).

L-R: Dr. Isabel Leal (Canadian Forest Service/CFS), Dr. Matteo Garbelotto (guest speaker from UC Berkeley); Dr. Richard Hamelin (CPS President & CFS scientist); Ms. Rona Sturrock (Member CPS-BC meeting organizing committee & CFS scientist); Dr. Fred Peet (CFS Scientist).



Andrea Buonassisi and Grace Sumampong discussing Grace's poster at the BC-CPS regional meeting.

## **Western Ontario Region of the Canadian Phytopathological Society**

The annual meeting of the Western Ontario Region of the Canadian Phytopathological Society was held on Sept. 24, 2004 at the Guelph Turfgrass Institute. The theme of the conference was “Invasive Plant Diseases”, and the afternoon program started with an update on the Invasive Species Strategy for Canada by Ken Marchant of CFIA. Presentations on specific plant diseases of concern followed. These were: “Pepino mosaic virus: a new invasive disease of greenhouse tomatoes”, by Gillian Ferguson, OMAF; “Plum Pox in Ontario”, by Blake Ferguson, CFIA; “Soybean Rust”, by Albert Tenuta and “sudden Oak Death”, by Mike Celetti. Following questions and a very short business meeting, the group enjoyed some social time and a buffet dinner.

There were 9 poster presentations. The winner of the student poster competition was Adam Foster for “Validation of a disease forecasting system for sclerotinia rot of carrot”. Adam is a graduate student in the Department of Plant Agriculture, under the supervision of Greg Boland and Mary Ruth McDonald. Honourable mention went to Mona Moineddin for “Integrated management of onion smut and onion maggot with reduced-risk seed treatments”. Mona is pursuing an M.Sc. in the Department of Environmental Biology. Mona’s supervisors are Mary Ruth McDonald and entomologist Cynthia Scott-Dupree.

For the first time we also held a Plant Pathologists’ Choice poster award, based on a popular vote of those in attendance. The winner was Lee Hao, for the poster “Involvement of a metacaspase of *Nicotiana benthamiana* in anthracnose disease resistance” authors L. Hao, T. Hsiang and P.H. Goodwin.

There will be an exciting change for the 2005 meeting of the Western Ontario Region. It will be held in conjunction with the North Central Division of the American Phytopathological Society, in Windsor, Ontario, on June 29, 30 and July 1 of 2005. The first day will feature a bus tour of vegetable/ornamental greenhouse production facilities in Leamington, AAFC – Harrow Research Station, the long-term *Phytophthora sojae* nursery in Woodslee and other stops. Two “mini-symposiums” are planned that deal with “Taking Diagnostics To The Field” and “Getting An Industry Perspective” on future disease management needs and are CPS/APS members meeting these needs? Poster session and contributed papers will be in addition to the invited speakers. So mark you calendars! This special CPS Ontario Region and APS North Central Division Joint meeting will provide an excellent opportunity to highlight research programs, meet old friends and initiate new projects.

Submitted by:  
Mary Ruth McDonald, Western Ontario  
Regional Representative

## **Committee Reports**

### **Report of the Ad Hoc 75<sup>th</sup> Anniversary Special Events Committee**

The Special Events Committee (SPEC) was formed in 2002 to assist with planning special events, activities and celebrations associated with the Society’s 75<sup>th</sup> Anniversary. Two years of planning finally came to fruition at the CPS annual meeting in Ottawa, June 13-6, 2004. SPEC members played an active role in facilitating a number of activities leading up to and during the meeting. Considerable effort was made to encourage emeritus members of the Society to attend the annual meeting, and



27 came from all parts of Canada, many with their spouses. A collection of reminiscence letters written by emeritus members was displayed during the meeting and several were published in the *CPS-SCP News* throughout the year. The complete collection of reminiscences is available on the CPS-SCP website. Many people commented that the attendance of so many emeritus members and the opportunity to renew acquaintances was the highlight of the meeting for them. The anniversary theme was reinforced by the preparation of eight historical posters by graduate students and other volunteers. In addition, the plenary session, symposia, and paper and poster sessions were interwoven with a variety of historical and current topics. Judging by the many favourable comments that were received during and after the meeting, the goal of making this one of the most memorable meetings ever was achieved. A few tasks set out in the SPEC subcommittee workplans remain to be completed and have occupied the time of some members since the annual meeting. These include the reprinting of *Plant Pathology in Canada* by I.L. Connors and the writing of a supplement to this book covering the period from 1972 to the present. In addition, the preparation of a special edition of the *Canadian Journal of Plant Pathology* is underway. It will include many of the special presentations given at the 2004 annual meeting, as well as a number of feature articles, and will be published in 2005. Efforts are being made to compile some of the other special materials that were prepared especially for the 75<sup>th</sup> anniversary meeting, e.g. the meeting program, attendance list, historical posters and meeting photos, and to make them available to members as a CD or on the website. As this will be the final report of SPEC, we would like to thank the CPS Board, the 2004 Local Arrangements Committee, and the many Society members who assisted us in planning and conducting the many activities that helped make the 75<sup>th</sup>

anniversary such a memorable and successful event.

Respectfully submitted,  
 Ron Howard (Chair), Don Harder, Carl Willis, Jim Menzies, Nathan Owen-Going, Mary Leggett, Michael Corlett, Odile Carisse, Richard Hamelin (ex-officio, Vice-President, CPS), André Lévesque (ex-officio, Chair, LAC Ottawa 2004)

### **Report of the Nominating Committee**

Proposed slate of candidates for 2005-2006. The names of proposed candidates for the Board and Standing Committees are highlighted in Bold. The remaining members are continuing or completing their terms as specified by the Society By-Laws

#### **CPS-SCP Board 2005-2006**

President: Andre Levesque  
 President Elect: Bruce Gossen  
**Vice President: Jim Menzies**  
 Past President: Richard Hamelin  
 Treasurer: Dilantha Fernando  
 Secretary: Deena Erampalli  
 Membership Secretary: Gayle Jespersion  
 Senior Director: Susan Boyetchko  
**Junior Director: Mary Ruth McDonald**

#### **CPS-SCP Standing Committees 2005-2006:**

**1) Nominating Committee** (5 members):  
 Richard Hamelin (chair), Richard Martin, Debbie McLaren, Vicky Toussaint, **Mary Leggett.**

**2) Awards Committee** (5 members):  
 Suha Jabaji-Hare (chair), Antonet Svircev, Mike Celetti, Sabine Banniza, **Jill Thompson.**

**3) Future Meetings Committee** (3 members):

Tony Sturz (chair), Karen Bedford,  
**Bernard Vigier**

**4) Resolutions Committee** (3 members):  
Tom Fetch (chair), Godfrey Chongo, **Rick Peters**

**5) Science Policy Committee** (5 members):  
Bruce Gossen (chair), Gordon Braun,  
Javier Gracia-Garza, D'Ann Rochon,  
**Claudia Goyer**

**6) Financial Advisory Committee** (10 members):  
Richard Hamelin (chair), Andre Levesque (President), Bruce Gossen (President elect), **(Jim Menzies)** Vice President, Dilantha Fernando (treasurer), Zamir Punja (CJPP), Anthony Hopkins, Randy Kutcher, **Gary Peng, Luc Couture**

Additional nominations can be made by CPS-SCP members at large for any of the following positions: Vice-President, Junior Director, Nominating Committee, Awards Committee, Future Meetings Committee, Resolutions Committee, Science Policy Committee, and Financial Advisory Committee. These nominations shall be signed by five members of the Society and by the nominee. They must have been received by the CPS-SCP Secretary, Deena Erampalli, by May 6, 2005, which is six weeks before the Annual Business Meeting.

Respectfully submitted:  
Richard Martin (chair), Karen Bailey, Tom Hsiang, Debbie McLaren and Vicky Toussaint

## **INFORMATION PRODUCTS MARKETING**

In the last year the majority of activity has again centred on publication and sales of the 3<sup>rd</sup> edition of *Diseases of Field Crops in Canada* (DFCC) and its younger sibling, the 1<sup>st</sup> edition of *Maladies des*

*grandes cultures au Canada* (MGCC). Twelve months ago we reported that the University of Saskatchewan Extension Press had distributed 4,539 of the 8,000 copies of DFCC published in June 2003. The figure has now climbed to 5,494 with few marketing expense being incurred by C.P.S. As expected, sales have slowed down since the initial boom, probably as some markets reach saturation. The saturation is thanks in large part to CPS members taking copies of the book on consignment and selling them at extension events. In addition, several members have made special efforts to promote the book at conferences outside of Canada. Assuming sales of DFCC continue at a modest rate, probably mainly to educational institutions, the Society will need to consider reprinting and making minor revisions to the book in 2-3 years.

In addition to income from book sales, CPS has also generated a small income from DFCC images by charging companies or individuals for permission to use the images based on guidelines in the CPS policy. All money received in this way is treated as a donation to the Society's fund for graduate student travel awards.

*Maladies des grandes cultures au Canada* was published in December 2004 and launched in Saint-Hyacinthe, QC on January 12, 2005 during the Salon de l'Agriculture, a large agricultural trade show. (A separate report on the launch is presented elsewhere in this issue of CPS NEWS.) Sales of MGCC are already strong and the editors have received very favorable comments on the book from agronomists and pathologists in Québec, as well as from several people in France who received copies. The exclusive distribution contract we have with CRAAQ (Centre de référence en agriculture et agroalimentaire) does not allow for consignment sales by CPS members. However, CRAAQ attends a number of major agricultural events in Québec, and will sell MGCC at these events for a

discounted price. Thus, CRAAQ is largely responsible for marketing our book. The effort made by CRAAQ to promote MGCC at the Salon de l'Agriculture suggests that this will be a very good relationship for CPS.

The retail price for both DFCC and MGCC is only \$35.00, thanks in large part for sponsorships from the public and private sectors. The campaign for sponsorships for MGCC yielded \$28,550, more than expected and only 18% less than for DFCC. Our contract with CRAAQ allowed sponsors to purchase the book at a prepublication discount price and this led to immediate sales of almost 700 copies. At the Salon de l'Agriculture all the books shipped to Saint-Hyacinthe were sold and CRAAQ took orders for more copies at their booth. Since then sales have continued and at present approximately 950 of the 3,000 copies printed have been sold. Thus, including income from sponsorships, CPS has already recouped about 70% of its costs in publishing MGCC.

There has been little change in the past year with respect to *Diseases and Pests of Vegetable Crops in Canada* and *Maladies et ravageurs des cultures légumières au Canada*. There are more than 1,000 copies of the English edition in inventory, but the French edition is sold out. The cost of reprinting a small number of copies of the French edition is very high because the template is not in an electronic format. The Board is currently investigating ways that may lead to sponsorship for reprinting.

Robin Morrall and Karen Bailey  
On behalf of the Information Products  
Marketing Committee

## Announcements

### Lancement de « Maladies des grandes cultures au Canada »

À l'occasion du Salon de l'Agriculture de 2005, tenu à Saint-Hyacinthe (Québec), la Société canadienne de phytopathologie (SCP) a procédé au lancement du livre « Maladies des grandes cultures au Canada » le 12 janvier dernier. L'activité a attiré une trentaine d'invités du secteur agricole, principalement du Québec. Le président de la SCP, Richard Hamelin, a animé la présentation, tout en situant d'abord la place de la Société et de la phytopathologie au Canada. Les éditeurs scientifiques de l'ouvrage étaient représentés par deux des leurs, Luc Couture et Robin Morrall. Ils ont exposé notamment les particularités de l'ouvrage et son historique. L'un des représentants des commanditaires, l'agronome Pierre Fournier de Synagri, a souligné la grande importance que représente la publication de ce livre pour le milieu agricole francophone. Le lancement était organisé conjointement avec le Salon de l'Agriculture et le Centre de référence en agriculture et agroalimentaire du Québec (CRAAQ).

Ce livre est l'adaptation et la mise à jour de la 3<sup>e</sup> édition de « Diseases of Field Crops in Canada ». Ainsi les éditeurs ont corrigé certaines erreurs, rajeuni des informations et en ont même ajouté de nouvelles, en plus d'enrichir le glossaire, pour en faire en quelque sorte une édition plus complète et plus actuelle que l'édition d'origine. La mise au point de ce livre est un long projet qui a commencé à l'automne 2003 pour déboucher en fin 2004. Il a exigé beaucoup de recherches et de vérifications terminologiques. La distribution du livre a été confiée en exclusivité au CRAAQ ([www.craaq.qc.ca](http://www.craaq.qc.ca)). Il est vendu au prix très abordable de 35\$ et les membres de la SCP ont droit à un rabais de 15% (voir [cps-scp.ca/publications.htm](http://cps-scp.ca/publications.htm)).

### **Launching *Maladies des grandes cultures au Canada***

*Maladies des grandes cultures au Canada* was officially launched by the Canadian Phytopathological Society (CPS) on January 12 during the 2005 Salon de l'Agriculture in Saint-Hyacinthe, Quebec. The launch was attended by about 30 invited guests from the agricultural sector, mostly from Quebec. Richard Hamelin, president of CPS, served as master-of ceremonies for the formal program and explained the Society's role in representing the profession of plant pathology in Canada. The editorial committee was represented by two of its members, Luc Couture and Robin Morrall. They described events that led to publication of the book and highlighted some of the book's special characteristics. Pierre Fournier, an agrologist with Synagri, one of the organizations that helped sponsor publication, spoke on behalf of the agricultural industry. He emphasized the enormous importance that the book will have for the French-speaking agricultural community. The launch was organized in conjunction with the Salon de l'Agriculture and the Centre de référence en agriculture et agroalimentaire du Québec (CRAAQ). The book is a translation and adaptation of the 3rd edition of *Diseases of Field Crops in Canada*. As well as correcting minor errors, updating and even adding recent new information, the editors enriched the glossary; thus the book is altogether more complete and up-to-date than the original English edition. Publication was a major project that started in the fall of 2003 and continued until December 2004. It necessitated a great deal of research and checking to ensure the use of appropriate terminology. The book is distributed on an exclusive rights basis by CRAAQ ([www.craaq.qc.ca](http://www.craaq.qc.ca)). It retails for the very affordable price of \$35 and CPS members have the right to a discount of 15% (see

[cps-scp.ca/publications.htm](http://cps-scp.ca/publications.htm)).

#### Référence:

Bailey, K.L., L. Couture, B.D. Gossen, R.K. Gugel et R.A.A. Morrall (éditeurs). 2004. *Maladies des grandes cultures au Canada*. Société canadienne de phytopathologie. 318 pages.



De gauche à droite, Luc Couture, Robin Morrall et Richard Hamelin.

From left to right, Luc Couture, Robin Morrall and Richard Hamelin.

Source: CRAAQ.

### **Submission Deadline for the June issue of CPS - SCP News**

**PLEASE NOTE:** The submission deadline for the **June issue** of CPS - SCP News is **April 29, 2005**. Please have your reports and submissions to the Editor by this date to ensure we have the issue sent out well in advance of the 2005 annual CPS-SCP meeting in Edmonton. **If you send photographs for publication in the CPS-SCP News please ensure that you indicate that all individuals appearing in the photographs have given permission for their photographs to appear in the newsletter. Photographs will not be published if permission has not been obtained from the individuals involved.**

## **CPS Awards nominations**

The CPS-SCP is inviting nominations for our 2005 Awards. The following awards are available: Honorary Member, Fellow, Award for Outstanding Research, Gordon J. Green Outstanding Young Scientist Award, and the Graduate Student Travel Award.

If you want to make a nomination for one of these awards, see the CPS-SCP web site for instructions at <http://www.cps-scp.ca/awards.htm>. A list of previous recipients of these awards is displayed on the web site and in the Membership Directory and the names of previous CPS awardees, and the year of their award, are available. Nomination material should be send to the Chair of the Awards committee

Brent McCallum, Chair, Awards Committee.

## **Noms des maladies des plantes au Canada, 4e édition, 2003, maintenant disponible.**

Ce livre rapporte les noms en français et en anglais des maladies présentes au Canada, ainsi que le noms scientifiques de leurs agents pathogènes. Cette nouvelle édition constitue une refonte en profondeur de la précédente. De nombreux changements et additions y ont été apportés, y compris une mise à jour importante des noms des agents pathogènes. Cet outil de travail indispensable est publié et distribué par la Société de protection des plantes du Québec. Les membres de la SCP peuvent se le procurer au prix de 25 \$CAN (pour les non-membres : 35 \$CAN).

Pour commander le livre veuillez consulter l'adresse suivante :

[http://www.sppq.qc.ca/PDF\\_Files/CommandelivreSPPQ.pdf](http://www.sppq.qc.ca/PDF_Files/CommandelivreSPPQ.pdf)

## **Names of Plant Diseases in Canada, 4th edition, 2003, is now available.**

This book lists English and French names of plant diseases present in Canada, and the scientific names of causal agents. This new edition is a deep reconstruction of the previous one. Numerous modifications and additions have been made, including extensive update of names of pathogens. This reference tool is published and distributed by the Quebec Society for the Protection of Plants. Members of CPS can purchase it at the price of \$ 25 CDN (non members : \$ 35 CDN).

To order the book, visit the following site:

[http://www.sppq.qc.ca/PDF\\_Files/CommandelivreSPPQ.pdf](http://www.sppq.qc.ca/PDF_Files/CommandelivreSPPQ.pdf)

Stéphan Pouleur

Agriculture et Agroalimentaire Canada  
Sainte-Foy (Québec)

**La Société de protection des plantes du Québec (SPPQ)** tiendra son congrès annuel les 9 et 10 juin 2005 dans la région de Hull/Gatineau. Le titre du symposium est « Santé des plantes, santé des racines ». Information au site : <http://www.sppq.qc.ca/congres.htm>

## **Introduction to Food- and Air-Borne Fungi**

13-17 June 2005

Ottawa, Canada.

More than 100 mould and yeast species common in indoor air and on food will be examined, including important species of *Penicillium*, *Aspergillus*, *Fusarium*, *Trichoderma*, *Stachybotrys*, *Cladosporium*, *Mucor*, *Rhizopus*, *Alternaria* and *Scopulariopsis*. This 5 day course is appropriate for those interested in food spoilage, indoor air quality, industrial hygiene, mycotoxins, pharmaceuticals, biodeterioration, etc. Instructors: Robert A. Samson and Ellen Hoekstra, Centraalbureau voor Schimmelcultures. Keith A. Seifert and John Bissett, Agriculture and Agri-Food Canada.

For more information, please contact:

Keith A. Seifert,

Eastern Cereal and Oilseed Research Centre, 960 Carling Ave., Agriculture and Agri-Food Canada, Ottawa, Ontario K1A 0C6 CANADA. Phone: 613-759-1378. Fax: 613-759-1701. Email: seifertk@agr.gc.ca or visit the course web site at [http://res2.agr.ca/ecorc/fungi/04\\_e.htm](http://res2.agr.ca/ecorc/fungi/04_e.htm).

## **26th Annual Meeting of the Plant Pathology Society of Alberta**

November 8-10, 2005

Radisson Hotel and Conference Centre  
Canmore

Canmore, Alberta

This meeting will immediately follow the 2005 annual meeting of the Western Forum on Pest Management.

Ron Howard, Chair LOC PPSA 2005

Email: ron.howard@gov.ab.ca

## **The 4<sup>th</sup> Canadian Workshop on Fusarium head blight 4<sup>ième</sup> Colloque canadien sur la fusariose de l'épi**

**First announcement** (le texte français suit)

The **4<sup>TH</sup> CANADIAN WORKSHOP ON FUSARIUM HEAD BLIGHT** will take place at the **Ottawa Congress Centre on November 1-3, 2005.**

This event provides the opportunity to exchange information and progress bi-annually on Fusarium head blight (FHB) in Canada. A national research effort is in place to solve the problem and obtain resistance to FHB and mycotoxin accumulation. All Canadian cereal breeding programs have this objective in mind. Severe epidemics occurred in 1996 and 2000 when FHB in barley was the worst on record.

Therefore, we wish to know if your organization would be interested in participating at this event and which activities would interest you the most.

Guest speakers will address various aspects followed by a discussion after each group session of 90 minutes. Participants will be invited to submit posters outlining relevant information. Proceedings of the presentations and poster abstracts and contacts will be compiled and will be available on-site and on CD-ROM to registrants at the workshop.

Proceedings of the presentations and poster abstracts, and **a list of contacts**, will be **available in paper and electronic formats** to registrant.

We anticipate a registration fee of \$200 to cover Proceedings, a dinner-reception and two lunches over this 2.5-day event. Hotel accommodations are available near the Ottawa Congress Centre and a block of

rooms will be available at the Novotel Ottawa at the link below:  
[http://www.novotel.com/novotel/fichehotel/gb/nov/0979/fiche\\_chambre.shtml](http://www.novotel.com/novotel/fichehotel/gb/nov/0979/fiche_chambre.shtml)

for \$123.00 CDN plus taxes. Please quote "CFW-2005" for group rate. Participants are expected to pay for their accommodation costs and must contact the hotel for reservations.

We would appreciate knowing in advance your intention by E-mail at [CFW-2005@agr.gc.ca](mailto:CFW-2005@agr.gc.ca) indicating your name and e-mail address or by fax (613-759-1926). Please forward this message to those who would be interested and follow-up the announcements on our web-page posted on the Canadian Grain Commission website at: <http://grainscanada.gc.ca>

NB: Only those expressing initial interest will receive the second notice.  
Best regards,

Bernard Vigier  
Registrar

### **Première annonce**

**Le 4<sup>ième</sup> COLLOQUE CANADIEN SUR LA FUSARIOSE DE L'ÉPI**, se tiendra au **Centre des Congrès d'Ottawa du 1<sup>er</sup> au 3 Novembre, 2005.**

Ce colloque permet sur une base biannuelle d'échanger les informations les plus récentes information et les progrès sur la fusariose de l'épi au Canada. Un effort concerté est en place à l'échelle nationale pour résoudre ce fléau et produire des céréales résistantes à cette maladie et à l'accumulation des mycotoxines. Tous les programmes d'amélioration génétique des céréales au Canada ont cet objectif en vue. Des épidémies importantes de fusariose ont eu

lieu en 1996 et durant l'année 2000, lorsque les dommages dus à la fusariose dans l'orge ont atteint un niveau record.

Nous souhaitons donc savoir si vous et votre organisation êtes intéressés à participer à cet événement et quelles sont les activités qui vous intéressent le plus.

Des conférenciers invités adresseront divers aspects suivis de discussions après chaque session de 90 minutes. Les participants au colloque seront appelés à soumettre des affiches techniques soulignant des points pertinents d'information. Les sommaires des présentations et des affiches, ainsi qu'une liste de personnes ressources, seront disponibles en formats papier et électronique pour les participants au colloque.

Nous prévoyons des frais d'inscription de \$200 incluant le rapport des sommaires, un dîner-réception et deux repas du midi couvrant ces 2,5 journées. Plusieurs hôtels se trouvent à proximité du Centre des Congrès d'Ottawa et un bloc limité de nuitées sera disponible pour réservation à tarif de groupe au Novotel d'Ottawa au lien suivant :

[http://www.novotel.com/novotel/fichehotel/gb/nov/0979/fiche\\_chambre.shtml](http://www.novotel.com/novotel/fichehotel/gb/nov/0979/fiche_chambre.shtml)

à \$123.00 CDN la nuitée plus taxes. SVP mentionnez « CFW-2005 » pour obtenir le tarif de groupe. Les réservations et les frais de chambres ne sont pas inclus et relèvent de la responsabilité de chaque participant.

Nous espérons connaître vos intentions d'avance en répondant par courriel à [CFW-2005@agr.gc.ca](mailto:CFW-2005@agr.gc.ca) ou par télécopieur au 613-759-1926 en indiquant vos noms et adresses de courriel. Veuillez aussi passer ce message aux personnes qui seraient intéressées et continuez à suivre les prochaines annonces qui seront affichées sur le site Internet de la

Commission canadienne des grains au:  
<http://grainscanada.gc.ca>

NB: veuillez noter que seuls ceux qui expriment leur intérêt suite à ce message recevront les prochaines annonces.

Meilleures salutations!

Bernard Vigier  
Inscription

### **International Society of Plant Pathology**

#### **International Newsletter on Plant Pathology**

#### **ISPP Newsletter 35 (1) February 2005**

The February issue of the ISPP Newsletter is now available and can be found at <http://www.isppweb.org/nlfeb05.asp>. The Newsletter contains a list of proposed themes for ICPP 2008, an obituary of Franco Lamberti, a list of forthcoming meetings, and other topics that may be of interest to CPS-SCP members.

#### **Canadian Phytopathological Society Partners with the Plant Management Network**

The Canadian Phytopathological Society is pleased to announce its new partnership with the Plant Management Network (PMN). PMN is an international online resource of applied plant and agricultural information that publishes four science-based applied journals - *Plant Health Progress*, *Applied Turfgrass Science*, *Crop Management*, and *Forage and Grazinglands*. PMN also offers an image database, three field trials publications, a plant science database of more than 4,000 fact sheets and other web-based resources provided

by PMN Partners, and a monthly newsletter.

As a PMN partner, CPS joins some of the most respected organizations in the plant science community in their goal of providing science-based information in agriculture. Other PMN partners include scientific organizations such as: The American Phytopathological Society, American Society of Agronomy, Canadian Society of Agronomy, CAST, Crop Adviser Institute, Crop Science Society of America, Entomological Society of America, National Alliance of Independent Crop Consultants, NCSRP Plant Health Initiative, Potash & Phosphate Institute, and the Weed Science Society of America. Industry partners include: Pioneer Hi-Bred, Syngenta Crop Protection, and Valent BioSciences. PMN's partners also include a list of more than 20 U.S. state land-grant university colleges of agriculture. Additionally, PMN is seeking partnerships with universities internationally.

As a PMN Partner, CPS may now offer CPS members a special discounted subscription to PMN! Regularly US \$45, CPS subscribers are now entitled to partner discounted subscriptions, only \$38. For a limited time, CPS members will get an additional discount which allows CPS member to pay only \$27 when you subscribe online by May 31, 2005. See the PMN insert mailed with this newsletter or go to **[www.plantmanagementnetwork.org](http://www.plantmanagementnetwork.org)** to learn more about the Plant Management Network.

Subscribe at **[www.plantmanagementnetwork.org/subscriptions](http://www.plantmanagementnetwork.org/subscriptions)** by May 31, 2005 and **enter coupon code CPS2005 to get 40% off your subscription.**

**[www.plantmanagementnetwork.org](http://www.plantmanagementnetwork.org)**



# International Center

## **FIGHTING A DESTRUCTIVE DISEASE – FUSARIUM HEAD BLIGHT RESEARCH IN BARLEY AT ICARDA/CIMMYT**

Epidemic outbreaks of Fusarium head blight (FHB) continue to cause serious crop losses worldwide. Damages caused by this cereal disease are quite diverse and include loss of kernel weight, kernel discoloration, contamination with mycotoxins and reduction in seed quality, thus affecting the commercial grade and causing difficulties in commercialization, exportation and processing. For instance, the economic losses to U.S. barley producers due to FHB from 1998 to 2000 have been increasingly more severe, representing as much as 25.7% of the commercial value. In 2000, the losses associated with this disease represented 35.9% of the total sales of the crop. This was caused in part by the rejection by the malting industry of barley with detectable levels of the mycotoxin deoxynivalenol (DON). In South America, FHB has been endemic in some Andean countries like Ecuador, whereas in countries of the southern cone, like Uruguay, FHB has always caused damage in humid years. In 2001, FHB caused very significant yield losses in this country and most of the harvested grain was contaminated with DON.

Mitigating the impact of FHB through breeding is an extremely challenging and critical research objective at ICARDA/CIMMYT.

## **BREEDING FOR RESISTANCE**

When the ICARDA/CIMMYT barley breeding program started looking for sources of FHB resistance, only 23 barley accessions out of a total of 5000 screened in 1986 were found to be partially resistant. These were used extensively in crosses to introduce resistance genes into the main breeding program.

The ICARDA/CIMMYT program has worked with two forms of resistance (Type I and Type II) to FHB in barley, only described previously in wheat. Type I is the resistance to fungal penetration in the spike and Type II is the resistance to the spread of the fungus to other kernels within the spike. Lines from crosses between Type I and Type II resistant plants were evaluated at the Toluca Experiment Station in Mexico where the environmental conditions are ideal for FHB development.

So far the breeding strategy has been effective. Researchers achieved enhanced levels of resistance when they combined 1-3 sources of resistance. Resistance to FHB and low mycotoxin levels were found in Canada, China, Latin America and the United States.

In 1988, the ICARDA/CIMMYT breeding program released ‘Gobernadora,’ a 2-row barley variety with enhanced levels of resistance, which represents one of the most important results from the breeding program. This variety was released in Shanghai, China, under the new name of ‘Zhenmai-1’, and for many years has been grown on more than 100,000 hectares in three provinces in the lower basin of the Yangtze River where FHB is endemic. Today, ‘Gobernadora’ is also commonly used as a source of resistance for germplasm enhancement and in research studies.

Researchers have also collaborated with other barley breeding programs in other countries, such as Brazil, Canada, China, Ecuador, Uruguay and the U.S.

### **TAILOR MADE SOLUTIONS**

The problem of breeding for FHB resistance has been further complicated by the number of *Fusarium* species infecting barley in a given location. Graduate thesis work carried out in Mexico found 14 species of *Fusarium* in the main barley commercial area of the Mexican Highlands. The most frequently occurring species of *Fusarium* in the Mexican Highlands was *F. avenaceum*, rather than *F. graminearum* which is usually the case. When researchers evaluated genotypes from different programs in Latin America, Mexico and the U.S. for Type I and Type II resistance, they found that resistance varied with fungal species. This means that barley varieties released in Mexico should be resistant to *F. avenaceum*, not just *F. graminearum*, and that breeding efforts need to be specifically tailored to fungal species and location.

### **COLLABORATIVE PROJECTS**

For the past four years, ICARDA/CIMMYT's barley breeding program has been working with Busch Agricultural Resources Inc. to produce FHB-resistant germplasm for brewing using commercial U.S. sources. This project is also producing advanced lines with high levels of FHB resistance and enhanced resistance to stripe, stem and leaf rust, barley yellow dwarf virus, and net and spot blotch.

Barley breeders have also been working with the U.S. Wheat and Barley Scab Initiative (USWBSI) for the past four years to introgress FHB-resistant elite lines and

cultivars from the U.S. into the ICARDA/CIMMYT program, and vice-versa. This collaborative breeding effort is expected to increase the chances of finding FHB-resistant lines adapted to a specific target area. The program also aims at enhancing malting quality in barley and has incorporated genetic material from Australia, Europe, South America, as well as the U.S. into the main breeding pool. Augmenting malting quality will further the contribution the program is making to poor farmers in the region by capturing opportunities for worldwide collaboration.

In addition to those programs, ICARDA/CIMMYT also have close collaboration with Canadian scientists at the Field Crop Development Centre at Lacombe, Alberta to enhance barley with multiple disease resistance. Cooperative FHB testing is carried out at the Agriculture and Agri-Food Canada research centre at Brandon, Manitoba.

Dr. Flavio Capettini,  
Head, Barley Breeding, ICARDA/CIMMYT  
Latin America Regional Program,  
International Center for Agricultural  
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833-6655

**If you have an article to submit to the International Corner, please send it to Dr. Myriam R. Fernandez at [fernandezm@agr.gc.ca](mailto:fernandezm@agr.gc.ca).**

## People and Travel

**Dr. Dilantha Fernando**, University of Manitoba carried out teaching and research activities at Huazhong Agriculture University in Wuhan, Hubei Province, and Yunnan University in Kunming, Yunnan Province during his sabbatical leave in 2004. During his stay of three months in China, he was invited by 10 universities, and four research institutes to give lectures and develop research collaborations. He visited China Agricultural University, Beijing, Beijing Agricultural College, Inner Mongolia Agricultural University, Huhhot, Department of Agriculture of Bayannao'er City, Inner Mongolia, Inner Mongolia Academy of Agricultural Sciences, Huazhong Agricultural University, Wuhan, Oil Crops Research Institute, Wuhan, Nanjing Agriculture University, Jiangsu Agricultural Research Institute, Nanjing, Hunan Agriculture University, Changsa City, Northwest Sci-Tech University of Agriculture and Forestry, Shaanxi, Southwest Agriculture University, Chongqing, Guangxi Agricultural Research Institute, and Yunnan University in Kunming.

**Dr. Dilantha Fernando**, University of Manitoba was invited to give a presentation on Biological control of *Sclerotinia* in canola at the 3<sup>rd</sup> annual *US Sclerotinia Initiative* held in Minneapolis, MN, USA, from January 18-20, 2005. Dilantha's talk focused on the mechanisms of bacterial biocontrol agents against *Sclerotinia* on canola petals.

### Workshops Chair APS:

**Dr. Dilantha Fernando**, Department of Plant Science, University of Manitoba was appointed to a three-year term (2004-2007) as the new Chair for Workshops of the American Phytopathological Society through the Scientific Programs Board of APS. Dilantha will be responsible for coordinating and organizing workshops for

the APS annual meetings, on-line workshops, and workshops that may be of interest to the plant pathology community or the general public on a particular hot topic, new disease, or a methodology that is important, for example mathematical tools used in data analysis in plant pathology. These workshops can be held throughout the year in different regions or cities. Dilantha welcomes ideas from the CPS members on areas that they may foresee as important in plant pathology.

En janvier 2005, **Guillaume Bilodeau**, un étudiant au doctorat qui travaille dans le laboratoire de Richard Hamelin au centre de foresterie des Laurentides à Québec, a participé au deuxième congrès sur la mort subite du chêne, ou encre des chênes rouges, le « Sudden Oak Death science symposium II » à Monterrey en Californie. Il a été sélectionné pour recevoir une bourse pour faire une présentation orale de son projet de recherche intitulée « Molecular Detection of *Phytophthora ramorum* by Real-Time PCR Using Taqman, SYBR Green and Molecular Beacons with three genes ». Les participants de la réunion de la CPS en 2004 à Ottawa se souviendront que Guillaume était l'organisateur de la soirée étudiante, un événement qui a connu beaucoup de succès.

In January 2005, **Guillaume Bilodeau**, a Ph. D. student working in Richard Hamelin's lab at the Laurentian Forestry Center in Québec city participated in the second meeting on Sudden Oak Death in Monterrey, California. He was selected for a student travel award to give an oral presentation entitled « Molecular Detection of *Phytophthora ramorum* by Real-Time PCR Using Taqman, SYBR Green and Molecular Beacons with three genes ». Those who participated in the 2004 annual meeting in Ottawa will remember that Guillaume was organizer of the popular student social.

## Employment

### POST DOCTORAL POSITION

A Postdoctoral Research Associate position in Molecular Plant Pathology is available in the lab of **Dr. Dilantha Fernando** to work on Biological control mechanisms of bacterial biocontrol agents against Sclerotinia in canola and sunflower. The incumbent will study isolating gene clusters responsible for biocontrol activity, study the repression/over expression of antibiotics, make reporter and specific GFP fusions to study biocontrol activity *in vitro* and *in vivo* assays. This is a full-time, temporary position available June 1, 2005 (subject to funding availability). The incumbent will collaborate and work closely with Dr. Teri de Kievit's lab (Department of Microbiology). Initial appointment is for 2 years and may be renewed, conditional on the continued availability of funds, & satisfactory performance.

#### Required qualifications:

The candidate must have a Ph.D. in Plant Pathology, Genetics, Microbiology, Molecular Biology or a combination thereof and knowledge and research experience using plant pathology, molecular biology and microbiology techniques. Demonstrated ability to communicate through oral and written mediums in English and be proficient using Windows-based computer programs necessary for scientific research.

#### Desired qualifications:

- Experience conducting laboratory, greenhouse, and field research on fungal plant pathogens and bio-pesticide applications.
- Molecular biology experience including cloning, plasmid and genomic DNA isolation, PCR and sequence analysis.

- Highly motivated and willing to work as a part of a team.

#### Instructions for sending job materials:

Applicants should submit a letter of application describing their research interests and qualifications, curriculum vitae, reprints of peer reviewed published papers, transcripts of undergraduate and graduate studies, along with three letters of recommendation to **Dr. Dilantha Fernando**, Department of Plant Science, University of Manitoba, Winnipeg, MB R3T 2N2.

Tel: 204-474-6072; Fax: 204-474-7528;  
E-Mail: [D\\_Fernando@Umanitoba.ca](mailto:D_Fernando@Umanitoba.ca)  
Lab Website: <http://home.cc.umanitoba.ca/%7Efernando/>

### MSc in Plant Pathology

We are looking for a highly motivated undergraduate student with an interest in plant-pathogen interactions to work on biological control of Sclerotinia in sunflower with Drs. Dilantha Fernando (Dept. of Plant Science, University of Manitoba) and Khalid Rashid (Agriculture and Agri-food Canada, Morden).

Minimum qualifications: BSc in Agriculture, Science or related field. Apply by sending transcripts and two letters of reference to:

Dr. Dilantha Fernando, Dept. of Plant Science, University of Manitoba, Winnipeg, MB, R3T 2N2. e-mail: [D\\_Fernando@Umanitoba.ca](mailto:D_Fernando@Umanitoba.ca)

## Contact the Editors

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