

CPS • SCP News



CANADIAN PHYTOPATHOLOGICAL SOCIETY • SOCIÉTÉ CANADIENNE DE PHYTOPATHOLOGIE

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President's Message

As I am writing this message, it is, officially, the first day of spring. Though it doesn't look much like it now, the growing season is only a few short weeks away.

So, before you get too busy, please consider volunteering for CPS in the coming year.



Janice Elmhirst
CPS-SCP President/présidente

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For students and professionals, alike, serving on a CPS committee is an excellent way to network with colleagues across the country, share your know-how and gain valuable experience. Some of the subject matter committees that are currently seeking new volunteers include "Education", "Public Relations", and "Information Products Marketing [publications]". It should be an exciting year, as we continue to implement "Year 3" of our current 5-Year Strategic Plan.

If you think you might be interested in volunteering for these, or any other committees, and would like more information, please contact the committee chair listed on the website under Member's Centre, Committees and Executive Board, Subject Matter Committees.

The new **CPS website** should be up and running in May. It has taken a bit longer than we planned, but the changes should be well worth the wait. Thanks to Curt McCartney (chair) and all of the members of the Website Committee for their excellent work.

On behalf of all of the members, I would like to express our gratitude to Lorne Adam for his dedication and hard work as our Website Editor over the past year and a half. I am happy to announce that Melanie Kalischuk has volunteered to be our new Website Editor and Michael Holtz, the Assistant Website Editor. They will take over from Lorne once the new website gets up and running in the spring.

Joint APS/CPS meeting in Minneapolis, August 9-13: ADVANCED REGISTRATION CLOSES MAY 14

I strongly encourage all Canadian plant pathologists, especially graduate students, to take advantage of this wonderful occasion to make connections, share your work and be inspired by others. Our last joint meeting with APS was in 2006, so this is a rare opportunity. Also not to be missed, is the "Glenn Anderson Lecture on World Food Security", co-sponsored at joint meetings by CPS and APS in memory of the distinguished Canadian scientist who worked on the genetics of rust resistance in wheat. In keeping with the theme of "Plant Health Connections", Dr. Jennifer Thomson from South Africa will speak on the role of healthy plants in the supply and security of food, especially in developing countries. **Hope to see you all there!**

The link to the program has been posted on the CPS and APS websites. <http://www.apsnet.org/meetings/annual/Pages/default.aspx>

REMINDER: CPS membership allows you to attend the APS/CPS joint meeting in Minneapolis **at the member rate** (even if not an APS member).

Please note that the **CPS Business Meeting will be on the first morning, Sunday, from 10-noon** (the same time as the APS business meeting), and the first technical sessions begin on Sunday afternoon.

ANNUAL MEETING 2015: BOTANY 2015 Conference: July 25-29, 2015, CPS will be meeting jointly in Edmonton, AB with Plant Canada and the BOTANICAL Society of America. Deena Errampalli is on the Plant Canada Organizing Committee for

Botany 2015 and Stephen Strelkov is a member of the Local Organizing Committee for the conference. Two symposia topics submitted by CPS have been accepted.

"For students and professionals, alike, serving on a CPS committee is an excellent way to network with colleagues across the country, share your know-how and gain valuable experience."

More details will be provided in future editions of CPS NEWS.

On behalf of a personal note, I know many members will join me in wishing "all the best" to Dr. Ronald Howard, co-editor of Diseases and Pests of Vegetable Crops in Canada, distinguished Fellow and Past-President of the Society (1997-98) who, this month, retired from Alberta Agriculture after 39 years of service. Ron says he intends to keep active in plant pathology as a private consultant and researcher - we hope for a long time to come!

Finally, I would like to express the condolences of the CPS Board and members to the family and friends of Dr. Ralph Howard Estey, who recently passed away at the age of 97. Dr. Estey was an esteemed Fellow of the Canadian Phytopathological Society, Past-President (1978-79) and educator who inspired many students to pursue careers in plant pathology, mycology and nematology. In addition, Dr. Estey was the author of Essays on the Early History of Plant Pathology and Mycology in Canada, published McGill-Queen's University Press, 1994.

Wishing everyone a happy and productive growing season,

Warmest regards,

Dr. Janice Elmhirst, President, *Canadian Phytopathological Society*

Message de la présidente

Aujourd'hui, alors que je rédige ce message, c'est officiellement le premier jour du printemps. Bien que cela n'en ait pas l'air, nous en sommes qu'à quelques brèves semaines de la saison de croissance.

Alors, avant que vous soyez trop occupés, s'il vous plaît, pensez proposer vos services à la Société canadienne de phytopathologie (SCP) pour l'année qui vient.

Autant pour les étudiants que pour les professionnels, la participation à un comité de la SCP est un excellent moyen d'établir un réseau avec des collègues de partout au pays, de partager son savoir-faire et d'acquérir une expérience des plus utiles. Actuellement, les comités qui sont à la recherche de nouveaux volontaires sont ceux de l'éducation, des relations publiques ainsi que de la commercialisation des produits d'information (publications). Comme nous amorçons la mise en œuvre de la troisième année de notre plan stratégique de cinq ans, celle-ci devrait être passionnante.

Si vous souhaitez vous porter volontaire pour participer à ces comités, ou à tout autre comité, et désirez obtenir de plus amples renseignements, s'il vous plaît, contactez le président des comités dont le nom est sur le site Web de la Société à la rubrique « Centre des membres > Comités > Domaines ».

Le nouveau **site Web de la SCP** devrait être pleinement fonctionnel en mai. Il nous a fallu un peu plus de temps que ce que nous avions prévu,

mais les modifications devraient compenser l'attente. Merci à Curt McCartney (président) et à tous les membres du comité du site pour leur excellent travail.

Au nom de tous les membres, je souhaiterais exprimer notre reconnaissance envers Lorne Adam pour son dévouement et tout le travail qu'il a accompli depuis une année et demie à titre d'éditeur du site. J'ai le plaisir de vous annoncer que Melanie Kalischuk s'est portée volontaire pour assumer le rôle de nouvel éditeur et Michael Holtz, pour celui d'éditeur adjoint. Ils remplaceront Lorne ce printemps, dès que le nouveau site sera fonctionnel.

Réunion mixte SAP/SCP à Minneapolis, du 9 au 13 août : 14 MAI, FIN DE L'INSCRIPTION PRÉALABLE

“Autant pour les étudiants que pour les professionnels, la participation à un comité de la SCP est un excellent moyen d'établir un réseau avec des collègues de partout au pays, de partager son savoir-faire et d'acquérir une expérience des plus utiles.”

J'encourage fortement tous les phytopathologistes canadiens, particulièrement les étudiants diplômés, à profiter de cette merveilleuse occasion de créer des liens, de partager vos travaux et de vous laisser inspirer par ceux de vos collègues. Notre dernière réunion mixte avec la Société américaine de phytopathologie

(SAP) remonte à 2006 : il s'agit vraiment d'une occasion unique. De plus s'y tiendra un événement à ne pas manquer : la conférence Glenn Anderson sur la sécurité alimentaire mondiale, subventionnée lors des réunions mixtes par la SCP et la SAP en mémoire de l'éminent scientifique canadien qui a travaillé sur la génétique de la résistance à la rouille chez le blé. Fidèle au thème « Liens avec la santé des plantes », M^{me} Jennifer Thompson, d'Afrique du Sud, parlera du rôle des plantes saines relativement à l'approvisionnement et la sécurité alimentaires, et ce, particulièrement dans les pays en développement. **J'espère vous y voir tous!**

L'hyperlien relatif au programme de la réunion a été affiché sur les sites Web de la SCP et de la SAP : <http://www.apsnet.org/meetings/annual/Pages/default.aspx>.

RAPPEL : L'appartenance à la SCP vous permet d'assister à la réunion mixte de Minneapolis au tarif de membre (même si vous n'êtes pas membre de la SAP).

Veillez noter que la réunion d'affaires de la SCP se tiendra durant le premier matin, soit dimanche de 10 h à midi (parallèlement à celle de la SAP), et que les premières séances spécialisées commenceront dimanche après-midi.

RÉUNION ANNUELLE 2015 : Conférence
« Botany 2015 »

Du 25 au 29 juillet 2015, la SCP, Plant Canada et la Société américaine de botanique tiendront une réunion mixte à Edmonton, en Alberta. Deena Errampalli siège au comité organisateur de Plant Canada pour Botany 2015 et Stephen Strelkov est membre du comité organisateur local pour la conférence. Deux sujets de colloques soumis par la SCP ont été acceptés.

Les prochains numéros de *CPS/SCP NEWS* contiendront de plus amples renseignements.

En mon nom personnel, et je sais que plusieurs membres se joindront à moi, je désire souhaiter le meilleur pour l'avenir à Ronald Howard, corédacteur de Maladies et ravageurs des cultures légumières au Canada, membre distingué et président sortant de la Société (1997-1998) qui, ce mois-ci, prendra sa retraite d'Alberta Agriculture après 39 ans de service. Ron dit qu'il a l'intention de demeurer actif dans le domaine de la phytopathologie à titre de consultant privé et de chercheur — pour longtemps, j'espère!

Enfin, j'aimerais offrir les condoléances du conseil et des membres de la SCP aux familles et aux amis de Ralph Howard Estey qui est récemment décédé à l'âge de 97 ans. M. Estey était un membre estimé de la Société canadienne de phytopathologie et en a été le président en 1978-1979. De plus, il a été un éducateur qui a inspiré de nombreux étudiants à poursuivre une carrière en phytopathologie, en mycologie et en nématologie. En outre, M. Estey est l'auteur d'Essays on the Early History of Plant Pathology and Mycology in Canada, publié en 1994 par McGill-Queen's University Press.

Je vous souhaite à tous une joyeuse et productive saison de croissance!

Mes cordiales salutations,

Janice Elmhirst, présidente, *Société canadienne de phytopathologie*



Committee Reports

AWARDS COMMITTEE

CPS Awards

The CPS Awards Committee is soliciting applications and nominations for awards to be presented at the 2014 Joint CPS-APS Annual Conference in Minneapolis. The awards presented each year are described briefly below. Additional details and directions on how to apply or nominate a colleague for an award can be found on the CPS awards webpage: <http://phytopath.ca/awards.shtml>. Applications must be submitted to the Chair of the CPS Awards Committee (Tom Forge, Tom.Forge@agr.gc.ca) by May 9.

1. Honorary Member

The nominee can be any person who has rendered eminent service to plant pathology and shall normally not be a member of the Society.

2. Fellow

Nominees shall be regular members of the Society who have rendered outstanding service to the Society and to the profession of plant pathology.

3. Award for Outstanding Research

This award is intended to recognize outstanding research in plant pathology in Canada. As the Society's most prestigious award, consideration is given to research involving new concepts, the discovery of new phenomena, or principles in plant pathology or novel application of existing principles.

4. Outstanding Young Scientist Award

This award is intended to recognize the contribution of a junior scientist judged to have had a major impact on plant pathology in Canada. Nominees for this award must be under 45 years of age throughout the calendar year in which the award is both announced and made. Nominees need not be members of the Society.

5. Graduate Student Travel Awards

The purpose of these awards is to provide reimbursement to selected graduate students to attend the Annual Meeting of the CPS. There are two travel awards given annually by the CPS, each for a value of \$500 per student. A third travel award, which is sponsored by Taylor & Francis and worth \$500, is also available.

6. Achievements in Plant Disease Management

This award is intended to recognize the contributions by industry, or not-for-profit agencies, for innovative research, development of products and technologies, and/or transfer of information for the benefit of disease management in Canada.

7. CPS Education Award

This award recognizes contributions by individuals or groups for the development of teaching resources that can be used by instructors in public schools or universities to illustrate and/or encourage the importance and (or) principles of plant pathology and related topic areas.

8. Best Student Presentation Awards

Awards are given each year for the Best Student Presentation for oral and poster presentations at the CPS annual meeting.

9. Graduate Student Scholarships

Up to three student scholarships of \$1,500 each, plus a student membership in the Canadian Phytopathological Society, are available annually for students studying plant pathology in Canada. The scholarships are available to undergraduate, MSc and PhD students studying at a post-secondary institution in Canada.



NOMINATIONS COMMITTEE

Call for Nominations

The Nomination Committee is inviting members to nominate their peers, or submit their name, for Junior Director and Vice-President, which are the two vacant positions on the CPS Board. The committee is also asking for nominations or volunteers to serve on one or more of the different standing and adhoc CPS committees. Please see the list of committees on the society's website at: <http://phytopath.ca/committees.shtml>. Many of the committees now need new members.

Nominations for the Board vacancies will be accepted until the end of May, to allow some time for the committee to examine the nominations, and eventually for the voting process if there are more than one nominee per vacant position. Nominations should be directed to Dr. Fouad Daayf, Chair of the Nominating Committee at Fouad.Daayf@umanitoba.ca

Regional Meeting Reports

CPS-BC Regional Meeting Report 2013

The CPS-BC Regional Meeting was held on October 29-30/2013 at the Pacific Forestry Centre, Victoria, British Columbia. The meeting was organized and hosted by the Local Arrangements Committee led by Elisa Becker from the Pacific Forestry Centre. The meeting was attended by a total of 30 participants, including 9 members, 8 students and 4 retirees. The agenda captured a wide range of Phytopathological topics in Forestry and Agriculture.

Following registration and welcome remarks, the formal part of the program started with an update of CPS activities presented by Dr. Janice Elmhirst, CPS President, followed by an update on B.C. plant disease by Vippen Joshi, Plant Diagnostic Pathologist, B.C. Ministry of Agriculture. The main presentation program included four paper sessions and one poster session. There were a total of 18 presentations. The prize for the best student oral presentation was awarded to Craig Hammett (UBC Forest Science and Conservation) for his paper on 'Specific primers for the detection and differentiation of North American *Heterobasidium* spp.' The best poster presentation award was presented to Ting Pu (UBC Department of Forest Sciences) for presentation on 'Single nucleotide polymorphism (SNP) discovery in *Cronartium ribicola* using Genotyping-by-Sequencing (GBS)

approach'. Second and third place recipients for oral presentations were Syed Benazir Alam (UBC) and Scott Lambie (UBC), respectively. Similarly, second and third place recipients for poster presentations were Juan Aldana (UVic) and Marie Girard-Martel (UVic), respectively.

Vippen Joshi, CPS-BC Regional Representative, conducted the business meeting following the formal paper and oral presentations. Rona Sturrock presented Treasurer's report. Regional funds are in good shape. Impact of travel restrictions was evident in the meeting resulting in low participation by government research and extension personnel. This is a cause of concern. Results from a short survey conducted in 2012-2013 were presented and discussion was conducted on how to encourage participation in the regional meeting. The regional meeting for 2014 is planned to be held at the Simon Fraser University in Burnaby, B.C.

Thanks to the Local Arrangements Committee (Simon Shamoun, Rona Sturrock, Elisa Becker, Mike Cruickshank and associates) who put together an impressive two day program and a healthy banquet, and to Dr. Simon Shamoun for taking minutes for the business meeting.

Respectfully submitted by:
Vippen Joshi, CPS-BC Regional Representative

Announcements



Join your colleagues

for an exploration of the inseparable connections between plant health and world ecology including social health, agricultural sustainability, safety and security of the food supply, environmental quality, climate change, and the sustainable production of feed, fiber, and biofuel crops.

Registration is Open!

Over 450 oral presentations and more than 700 poster presentations featuring the latest scientific research. Register now and book your hotel room for the best rates:

<http://www.apsnet.org/meetings/annual/Pages/default.aspx>

Scientific Program

This year's program offers a wide variety of special sessions, field trips, and workshops dedicated to the latest research and information on plant science. Over 450 oral presentations and more than 700 poster presentations will feature the latest scientific research in:

- **Biology of Pathogens:** Bacteriology; Virology; Mycology; Nematology; Oomycetes, Postharvest Pathology and Mycotoxins;
- **Disease Control and Pest Management:** Genetics of Resistance; Cultural Control; Chemical Control; Biological Control; Regulatory Plant Pathology; Integrated Pest Management
- **Diseases of Plants:** Plant Stress and Abiotic Disorders; Crop Loss Assessment; Disease Detection and Diagnosis; New and Emerging Diseases
- **Ecology and Epidemiology:** Analytical and Theoretical Plant Pathology; Cropping systems / Sustainability; Pathogen-Vector Interactions; Phyllosphere; Rhizosphere; Population Biology Genetics; Climate Change; Risk Assessment; Systematics/Evolution; Pathogen Dispersal
- **Molecular/Cellular/Plant-Microbe Interactions:** Molecular Plant-Microbe Interactions; Proteomics/ Metabolomics/Genomics; Biochemistry and Cell Biology; Molecular Aspects of Effectors and their Host Targets; Plant Defense Responses

2014 CPS-APS Joint Meeting...

- **Professionalism/Outreach:** Teaching and Learning; Professional Development; Outreach and Engagement; Advising and Mentoring; Networking; Ethics

Special Sessions

- 14th I. E. Melhus Graduate Student Symposium: New Contributions to Epidemiology and Plant Health
- A Systems Approach for Microbe Management: From Food Safety to Plant Health
- An Expanding Virome of Cultivated Plants: Home Grown or Imported?
- Banned: Turfgrass Disease Control in the Age of Restrictive Pesticide Legislation
- Beyond Borlaug: How the Next Generation of Plant Pathologists Are Advancing the Green Revolution
- Boxwood Blight: Confronting an Emerging Disease Through Collaborative Connections
- Destructive Tree Diseases Associated with Ambrosia/Bark Beetles: Black Swan Events in Tree Pathology
- EPA's Endocrine Disruptor Screening Program and Its Relationship to Plant Protection Products
- Frontiers in Biosynthesis and Management of Mycotoxins
- Funding Opportunities for Cooperative International Research
- Innovative Approaches to Control Difficult Bacterial Pathogens
- Interconnected Lifecycles: Multitrophic Interactions Between Plants, Pathogens, and Insects
- Myths and Realities of Biopesticides: Academic, Industry, and Grower Perspectives
- New Products & Services
- Plant Pathologists of the Future: Showcasing the Top Graduate Students from APS Division Meetings
- Potyviruses: Functional Genomics and Virus-Host Interactions
- Revealing the Stories of the Genome Via Genotyping-by-Sequencing (GBS)
- Schroth Faces of the Future: Virology
- Supply, Physical Access, Economic Access, and Utilization: How are the Four Dimensions of Food Security Affected by Plant Diseases?
- The Complicated Lifestyles of Dothideomycete Fungi: Understanding Novel Mechanisms of Pathogenicity
- Understanding Phytobiomes to Improve Agricultural Productivity
- What's App? Using Apps and Technology in Integrated Plant Disease Management Programming

Field Trips

- **Crop Protection—From Seed to Harvest:** *This field trip will visit research sites to participate in hands-on activities (such as seed treatment), developing plot research, observe research on seed treatments and foliar disease control; observe nursery screening varieties to seedling diseases; possible apple breeding/orchard/vineyard; discussion on mycotoxins; corn for biofuel; field research on corn diseases etc.*
- **Forest Health Issues of the Bluff and Coulee Country Along the Upper Mississippi River:** *An in-the-field opportunity to observe and discuss tree pests and diseases in scenic southern Minnesota and Wisconsin. Topics include Heterobasidion root disease in pine, black walnut and other nut tree plantation issues, American elm operational plantings and Dutch elm disease, oak wilt management, bur oak blight, emerald ash borer, and decay in high value hardwoods.*
- **Minnesota Fungal Foray:** *Participant will have an opportunity to get their boots dirty searching for macro- and micro- fungi in natural settings in the Minneapolis area. This trip will guide participants to several nearby woodlands with hiking trail access to explore the fungal diversity of the upper Midwest. Novices and experts alike will return to the meeting site to examine and identify specimens and listen to advice and have informal discussion with local fungal experts.*
- **Ornamental:** *Learn about diseases of ornamentals in both production and landscape settings. We will visit a collection of mature landscape elms with resistance to Dutch elm disease and learn about disease control in a public plant conservatory. We will visit with state regulatory staff as well as production staff to discuss how plant diseases are managed in production of annual bedding plants, herbaceous perennials and woody ornamentals. Sites include the Marjorie McNeely Conservatory at Como Park, Bailey's Nurseries, the Minneapolis Chain of Lakes and more!*

2014 CPS-APS Joint Meeting...

- **Turfgrass Pathology:** *This field tour will visit turf facilities in the Twin Cities metropolitan and its suburban areas. Tour stops will focus on disease and turf management challenges unique to this region. Likely destinations will include golf courses, athletic fields, sod farms, and the turfgrass research center at University of Minnesota.*

Workshops

- Analysis of Population Genetic Data in R
- Design and Principles of Online Courses
- How to Make Social Media Work for You
- Introduction to Bayesian Analysis in Plant Pathology

Plenary Session

- Plant Health Connections – Soil Health – Plant Health – Food Security – Human Health: **Dr. Harold van Es, . Dr. Jan E. Leach, Dr. Jennifer Ann Thomson**

A healthy soil with the optimum ranges of physical, chemical and biological properties is a prerequisite for the profitable production of healthy and safe food, feed, fiber and biofuel crops. High yields of healthy, safe, and high quality crops will improve farm profitability, agricultural sustainability, community life and food security and contributes in the fight against human diseases and poverty, thus illustrating the interconnections among all these topics. Plant pathology and plant pathologists contribute directly and/or indirectly in addressing these and the other grand challenges facing agriculture and society today.

Registration & Hotel

Important Dates

- **May 14** - Advanced registration ends
- **July 8** - Regular registration deadline
- **July 10** - Hotel registration deadline to guarantee discounted room rate

To register, book accommodation, and view meeting details, please visit:

<http://www.apsnet.org/meetings/annual/Pages/default.aspx>



Canadian
Phytopathological
Society



La Société
Canadienne de
Phytopathologie

106^e réunion de la Société de protection des plantes du Québec en collaboration avec
le Réseau des plantes bio-industrielles du Québec



*Les plantes bio-industrielles :
enjeux environnementaux et
phytosanitaires*

*The bio-industrial plants :
environmental and phytosanitary
issues*

Le comité organisateur est heureux de vous inviter au symposium 2014!

C'est sous le thème : «Les plantes bio-industrielles : enjeux environnementaux et phytosanitaires» que nous aurons le plaisir de nous rencontrer à nouveau. Cette année, le congrès se fait en collaboration avec le Réseau des plantes bio-industrielles du Québec (RPBQ).

À l'heure des changements climatiques, les cultures bio-industrielles se présentent comme des solutions potentielles à la problématique de la réduction des émissions de gaz à effet de serre, ainsi qu'à la dépendance aux combustibles fossiles, par la valorisation de différentes sources de biomasses en bioproduits industriels.

Qu'elles soient utilisées pour substituer des énergies fossiles, pour la phytoremédiation, comme barrière physico-chimique en bande riveraine ou encore dans la conception de matériaux biocomposites, les plantes bio-industrielles attirent l'intérêt de diverses façons, mais elles représentent également de tout nouveaux défis pour la phytoprotection.

Notre première journée débutera par une présentation plus générale traitant de ces cultures nouvelles et des problèmes phytosanitaires auxquels elles sont confrontées. Des exemples concrets d'enjeux environnementaux liés à l'utilisation des plantes bio-industrielles seront par la suite présentés.

Après cette incursion dans ce nouveau secteur économique de l'agriculture, nous permettrons aux étudiants de cycles supérieurs, nos chercheurs et

professionnels de demain, de venir nous présenter le fruit de leurs trouvailles! Suivra, la remise du prix W.E. Sackston, pour la meilleure communication étudiante, ainsi que la remise de la bourse étudiante annuelle de la SPPQ, qui demeure un incontournable de notre réunion.

La seconde journée sera consacrée aux communications scientifiques des collègues actifs en phytoprotection. Un bon moment pour vous faire entendre, à vous d'en profiter !

Enfin, une troisième journée, optionnelle, vous est proposée pour visiter Greenfield Éthanol, un site d'essai en phytoremédiation ainsi que des essais de cultures bio-industrielles au CÉROM.

N'oubliez pas le concours de photos !!

Nous vous attendons nombreux à Saint-Marc-sur-Richelieu en 2014 !!

Le comité organisateur 2014 : Roxanne Bernard, Gérard Gilbert, Gérard Goyette, Michel Labrecque, Olivier Lalonde, Sylvie Rioux, Pierre-Antoine Thériault et Vicky Toussaint.

Pour plus d'information, rendez-vous au www.sppq.qc.ca.





IWBLD – 1st International Workshop on Barley Leaf Diseases

www.iwbld.org

SalsomaggioreTerme, Italy, June 3-6, 2014

“Healthy Barley for Healthy Feed and Food for the Future”

*The 1st International Workshop on Barley Leaf Diseases (IWBLD) will be held in Salsomaggiore Terme, Italy on 3-6 June 2014. The workshop will provide a forum for the exchange of information and ideas relating to understanding and controlling leaf diseases of barley. The goal of the International Scientific Committee (ISC) is to bring together international experts and young students interested in recent advanced studies in all aspects (theoretical and applied) of barley leaf diseases. **HEALTHY BARLEY** means vigorous growth and development, which ultimately produces superior grain for various end uses.*

With this in mind, we cordially invite you to actively participate in and enjoy the 1st IWBLD in SalsomaggioreTerme, Italy.

*The 2014 SalsomaggioreTerme event represents the debut of the IWBLD, which replaces the “International Workshop on Barley Leaf Blights” — last held in Dundee, Scotland in 2011. This name change reflects the ISC’s goal to include a wider group of researchers investigating **all barley leaf diseases**, instead of only leaf blights.*

Session topics

- *Epidemiology and disease management: conventional and bio-based products for barley health*
- *Resistance breeding*
- *Pathogen populations and variation*
- *Structural and functional genomics of leaf barley pathogens*
- *Molecular plant-pathogen interactions*
- *Barley diseases and climate changes*

Important dates

- *Start online registration 15 December 2013*
- *Early bird registration deadline 15 April 2014*
- *Abstract submission deadline 15 April 2014*
- *Presentation notification 30 April 2014*

To register please complete the online registration form or download the .doc file and send it back to the secretariat (alessandro.tondelli@entecra.it; Fax: +390523983750).





Joint International Congress
14th Mediterranean Phytopathological Union
&
International Society of Mycotoxicology
(Mediterranean Branch)

25-29 August, 2014 ISTANBUL - TURKEY



INVITATION

Dear Colleagues,

We are pleased to invite you to participate in one of the most important events for plant pathologists and mycotoxicologists in the Mediterranean region. The “14th Mediterranean Phytopathological Union (MPU) Congress” will be organized together with the “International Society of Mycotoxicology (ISM) Congress” for the first time. It is a great pleasure for the Local Organizing Committee to host this Joint International Congress in Istanbul between 25–29 August, 2014. We believe that the Joint International Congress will attract top scientists, decision and policy makers, high-tech companies, start-up companies, entrepreneurs, researchers and students from all around the region. Production of agricultural products, seed and seedling development, plant nutrition and genetics, genetically modified plants, contaminants of biological origin, pesticides and mycotoxins will be covered during the congress. Issues such as the methods and technology concerning the existence, monitoring and protection of these contaminants of biological and chemical origin alongside climate change and the impact of global warming on plant growth, storage and preservation of agricultural products will be addressed by national and international experts. The purpose of this Joint International Congress is to address global and regional issues related to production processes of agricultural products and to develop solution-based strategies. With your support and sharing as participants this Congress will contribute to science, world trade, world economy and public health. As the International Congress Organizing Committee, we will be honored to welcome you to this important event in Istanbul.

CONGRESS HEADLINES

Concurrent sessions in phytopathology

- Applications of cutting edge technologies in disease management
- Advanced safe technologies for postharvest disease and pest management
- Histological, cellular and molecular aspects of the host-parasite relationship
- New Diseases of Mediterranean climate crops
- Regulations
- Genetic variability of plant pathogens
- Fungal biodiversity
- Genomics, proteomics and plant pathology
- Breeding strategies for plant resistance
- Disease epidemics and forecasting
- Sensoring: a tool for plant protection and food safety

Control of plant diseases

- Biological control
- Natural compounds and plant disease control
- Chemical control
- Control of airborne plant diseases
- Control of soilborne plant diseases
- Management of forest diseases
- New approaches in plant disease control

Diagnostics and detection methods of plant pathogens

- High throughput, generic, quick and cheap diagnostics
- Harmonization and validation of existing diagnostic protocols
- Next generation sequencing technologies.
- Plant pathogenic prokaryotes, viruses, nematodes

Toxigenic fungi and Mycotoxins

- Historical and emerging mycotoxin concern in Mediterranean Basin
- Integrated strategies to minimize mycotoxins risk

IMPORTANT DATES

Abstract Submission	2 January – 27 April 2014
Earlybird Registration	2 January – 8 June 2014
Regular Registration	9 June – 17 August 2014
Late Registration	17 August- 27 August 2014

ONLINE REGISTRATION IS AVAILABLE AT www.mpu-ism2014.org

People and Awards

Dr. Ron Howard celebrates 39 years with Alberta Agriculture

How do you sum up a 39 year career in plant pathology? Well, in the case of Dr. Ron Howard, it requires pages and pages to list all of the accomplishments, awards, honours and achievements. Dr. Howard recently celebrated his upcoming retirement with family, friends and colleagues after 39 years of service as a Research Scientist in Plant Pathology with Alberta Agriculture and Rural Development (AARD) at the Crop Diversification Centre, South (CDCS). A number of attendees paid tribute to Dr. Howard's many contributions over the years including Dr. Mike Harding (a colleague at CDCS-Brooks), Dr. Darcy Driedger (Station Director at CDCS-Brooks), Dr. David Feindel (Pest Surveillance Branch Head, AARD) and Dr. James Calpas (Executive Director of the Crop Research and Extension Division, AARD). Drs. Feindel and Calpas each presented Ron with a plaque and certificate, respectively, from the Alberta Premier recognizing Ron's years of service to the Province. Ron was also pleased to hear

tributes from Dr. Robin Morrall (Ron's MSc. Advisor), Dr. Denis Gaudet (representing the Plant Pathology Society of Alberta) and former Post-Doctoral Fellows that worked in Ron's including Dr. Sheau-Fang Hwang and Dr. Mohyddin Mirza. Finally tributes from a number of others were read at the event that had been sent in by those unable to attend, but desiring to send congratulations and regards. For example, Dr. Janice Elmhirst, current President of CPS sent a letter of congratulations on behalf of the society.

Ron received gifts that commemorate his retirement and in support of his future endeavors (Ron plans to continue working part-time as a consultant after his retirement from AARD and we look forward to his continuing contributions). A slideshow of photos from Ron's 39 years was enjoyed by the participants and the banquet and fellowship at the event made the evening a grand slam. Congratulations Ron!



Dr. Michael Harding (standing) pays tribute to Dr. Ron Howard, seated next to his wife Merle.



2013



1990's



1970's

Abbreviated list of Dr. Howard's career achievements and milestones:

Education – B.S.A. (Hon) in Crop Science (1969) and M.Sc. in Plant Pathology (1971) from University of Saskatchewan. Ph.D. in Plant Pathology (1975) from University of Wisconsin, Madison.

Experience – Over the span of his professional life, Ron has worked on diseases of more than 50 types of crops and plants

Publications & Presentations

- Over 1000 articles, publications and presentations since 1975.
- Initiated the Crop Protection Newsletter, the first of its kind in Alberta. Published by CDC South from 1980-1993, with distribution across Western Canada.
- Initiated, and helped develop the Fungicide and Fumigant Information Retrieval System (FFIRS), the first public-use, computer-assisted label search program developed in Canada.
- Senior editor of and a contributor to Diseases and Pests of Vegetable Crops in Canada, a 554-page color-illustrated book describing the major diseases and insect pests of the major vegetable crops grown in Canada. Published in 1994, it has sold thousands of copies in Canada and worldwide. It has also been translated into French and is sold as Maladies et Ravageurs des Cultures Légumières au Canada.

Membership and Contributions to Professional and Industry organizations

- An active member of the *Canadian Phytopathological Society* (CPS) since 1969
 - o Technical Program Committee Chair for the Local Arrangements Committee for the Golden Anniversary meeting in 1979 and as Chair for the Special Events Committee 75th Anniversary meeting in 2004.
 - o Also been a member of or chaired: Awards, Financial Advisory, the Future Meetings, Science Policy and Strategic Planning committees, as well as the Committee on International Cooperation.
 - o Associate editor of the *Canadian Journal of Plant Pathology* from 1981-1985.
 - o President, 1997-1998.
- *American Phytopathological Society* since 1969.

- *Plant Pathology Society of Alberta* since 1975
 - o Served 3 times as president
- *Alberta Institute of Agrologists* since 1976
- *Adjunct Professor* at the University of Alberta, Edmonton, in the Department of Agriculture, Food and Nutritional Science since 1995
- *National Pesticide Risk Reduction Program*: Working groups on Bacterial Ring Rot, Common Scab and Silver Scurf of Potato; White Mold on Dry Beans; Greenhouse Vegetable Diseases since 2006.
- *Prairie Grain Development Committee* since 1985.
- *Society to Prevent Dutch Elm Disease* since 1993.
- *Western Forum on Pest Management/Western Committee on Plant Diseases* since 1976.

Awards and Recognition:

- 1969 – National Research Council of Canada Bursary
- 1971-1975 – Graduate Research Assistant ship, University of Wisconsin, Madison
- 1973 – Travelling Scholar Program, North Carolina State University, Raleigh, NC
- 1974 Honor Society of Agriculture in Recognition of High Scholarship Outstanding Achievement or Service to Agricultural Science from the University of Wisconsin
- 1993 Meritorious Service Award for Scientific Improvement and Development of the Pulse Industry of Alberta from the Alberta Pulse Growers.
- 1995 - Agri-Food Sector Award for Exceptional Accomplishments from Agriculture and Agri-Food Canada
- 1995 - Distinguished Service Award from the Plant Pathology Society of Alberta
- 1996 - Canadian Phytopathological Society - Dr. and Mrs. D.L. Bailey Award in conjunction with Drs. J. Garland and L. Seaman for their work on Diseases and Pests of Vegetable Crops in Canada.
- 1999 - Group Achievement Award for Greenhouse Crops from AARD
- 2004 - Meritous Services Award from the Alberta Greenhouse Growers Association
- 2004 - The Alberta Greenhouse Growers Association Research Foundation was renamed The Dr. Ronald J. Howard Research Foundation
- 2005 - Fellow of the Canadian Phytopathological Society one of only 35 Fellows of this organization.
- 2008 – Dow AgroSciences/ASTech Innovation in Agriculture Science Award
- 2011 – Honorary Life Membership, Canadian Seed Growers Association (Alberta Branch)
- 2013 – Honorary Life Membership – Plant Pathology Society of Alberta
- 2013 – Dedicated Service Award, Potato Growers of Alberta
- 2013 – Lifetime Achievement Award, Alberta Greenhouse Growers Association



Robin Morrall (right) honours Ron for an outstanding career with Alberta Agriculture



Head table at Ron Howard's retirement dinner. R to L: Ron, Merle Howard (wife), Bradley Hiebert (grandson), Anya Howard (daughter), Erin Howard (Daughter), Ryan Barnes (family friend), and Layton Hiebert (grandson)

Recipient of the Iowa State University 2014 Outstanding Achievement in Teaching Award



Forrest W. Nutter, Jr., Professor of Plant Pathology and Microbiology, Iowa State University, was named the recipient of the 2014 Outstanding Achievement in Teaching Award from the ISU College of Agriculture and Life Sciences. Professor Nutter has taught graduate courses in plant disease epidemiology since 1984, and was the first in the US to teach a course Crop Biosecurity and Food Safety. Nutter is also the creator of a series of computer-based disease assessment training programs, including Severity.Pro, Barley.Pro, Corn.Pro, Grape.Pro, and Soybean.Pro. He is also the author of more than 100 refereed journal articles and 30 book chapters, a number of which are used by colleagues to teach principles of plant disease epidemiology and disease management.



Canadian Phytopathological Society offers one-year free Membership to 10 international plant pathologists.

The International Cooperation Committee (ICC) of the Canadian Phytopathological Society (CPS), based on approval from the CPS Board is offering for the first time a one-year free regular membership to the following 10 plant pathologists from various developing countries:

Dr. Mónica Betancourt Vásquez (Colombia), **Cristian Andrés Olaya** (Colombia), **Dr. Zhanhong Ma** (China), **Dr. Elias Sowly** (Ghana), **Ms. Sana Timoumi** (Tunisia), **Ms. Faten Mansouri** (Tunisia), **Mr. Basem Attar** (Syria), **Dr. Sladjana Medic-Pap** (Serbia), **Prof. dr Stevan Masirevic** (Serbia), **Dr. Bradley Flett** (South Africa).

The CPS/ICC is planning to continue this approach in the future by offering 10 one-year free membership every year to plant pathologists or Ph.D. students from different developing countries in order to build international relationships with all plant pathologists and plant pathological societies worldwide, and to promote the worldwide exposure to the Canadian Phytopathological Society and the Canadian Journal of Plant Pathology. The selection process is fair and transparent based on nominations of candidates from the applicable countries by the members of the ICC and CPS at large. The candidates will be assessed by the ICC members based on their credentials and country of origin so that equal opportunities are given to all countries over time.

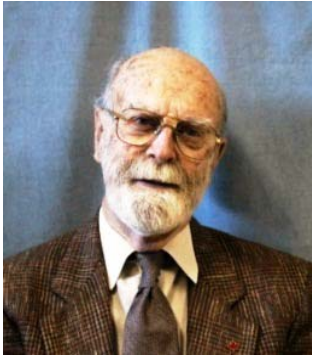
The ICC requests from the CPS members to submit names of deserving plant pathologists from developing countries (other than those mentioned above) in order to be considered by the Committee for the 2015 one-year free membership. Please send your nominations (proposed names with some background, perhaps a CV) before the CPS Annual General Meeting of every year to Khalid Rashid; Tel: 204-822-7520, email: Khalid.Rashid@agr.gc.ca

Respectfully,
On behalf of the ICC

Khalid Rashid, Chairman.

In Memoriam

RALPH HOWARD ESTEY (1916-2014)



With the passing of Ralph Estey, on the 31st January, 2014, Canada lost not only a plant pathologist from another era but its leading historian of plant pathology. Ralph was born in a farmhouse in Millville, New Brunswick, and as

a young man he was a farmer, a lumberjack, hobo, electrician, carpenter, prizefighter, machinist and then, a soldier. After World War II he settled for education and earned a B.Ed. (University of New Brunswick), M.S. (University of Maine), B.Sc. Agr., Ph.D. (McGill University) and, later, a D.I.C (Imperial College, University of London). He joined the teaching staff of Macdonald College, in 1957 and was the chairman of the Department of Plant Pathology from 1970-1976, when it became a part of the Department of Plant Science. He served on many prestigious committees both in Canada and abroad and was elected a Fellow of the Linnaean Society of London and was awarded a lifetime membership in the European Society of Nematologists. He initiated the first graduate course in Canada in nematology, and was the first person in Quebec to research plant-parasitic

nematodes, including the northern root-knot nematode, a serious pest of vegetable and horticultural crops. He was a prolific writer and frequent keynote speaker. Ralph Estey was a recognized authority on the history of plant pathology in Canada. He was an elected Fellow of the Canadian Phytopathological Society. Ralph remained at McGill University for his entire career teaching mycology, plant pathology and nematology. He retired from the University in 1982 as an Emeritus Professor of Plant Science, and continued to maintain an active interest in plant pathology through his writing and consulting until he finally retired, at the age of 94. He had a keen intellect and retained his fine wit even until his final hours. He will be sadly missed by his family and friends. He is survived by his wife of 69 years, Dorean Pridham, sons Ronald (Barbara) and Frank (Judy), 7 grandchildren and 4 great-grandchildren. He was predeceased by his sister, Grace George.

Respectfully submitted by:

Dr. Ajjamada Kushalappa, McGill University
Dr. John Webster, Simon Fraser University



The Canadian Phytopathological Society, at its 2003 Annual Meeting held in Montreal, honoured him: Dr. Ralph Estey, Emeritus Professor, Department of Plant Science, McGill University, for his outstanding contributions to the Society and to plant pathology over the years, and especially for documenting the history of plant pathology in Canada.

On behalf of CPS, we will miss you, dear friend and colleague.

ISPP - International Newsletter on Plant Pathology



International Society for Plant Pathology

News and announcements from all on any aspect of Plant Pathology are invited for the Newsletter. Contributions from the ISPP Executive, Council and Subject Matter Committees, Associated Societies and Supporting Organizations are requested.

Editor: Brian J Deverall e-mail:
ispp.nl.editor@isspweb.org

Members of Associated Societies of ISPP can receive e-mail notification of Newsletter updates by joining the ISPP mail list.
<http://www.isppweb.org/newsletter.asp>

ISPP NEWSLETTER 44 (2) February 2014

- Dave Sands
- Xanthomonas infection in tomato
- Annual Review Of Statistics And Its Application
- Advocacy of Social Media for Publishing in Science
- Learned Societies – Past, Present and Future
- 5th Asian Conference for Plant Pathology
- Chronica Horticulturae
- Pakistan – Climate Change and Plant Diseases
- Acknowledgements
- Coming events

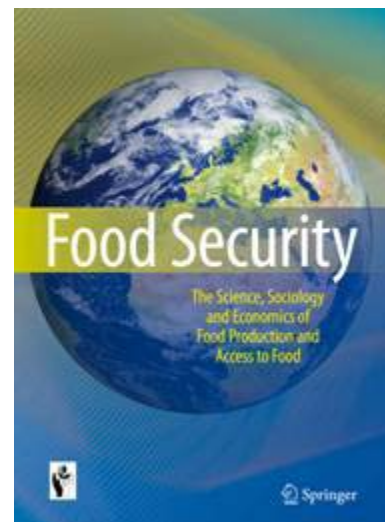
ISPP NEWSLETTER 44 (3) March 2014

- Grant from the Esther B. O'Keeffe Foundation to model the spread of citrus huanglongbing
- ISPP Subject Matter Committee on Seed Pathology
- Carolee Bull Honoured
- Vision for Australian Fungal Conservation
- The X International Symposium on Thysanoptera and Tospoviruses
- 7th ISTA Seed Health Symposium

- 5th Asian Conference on Plant Pathology – an update
- More News from Florida
- 8th International Conference on Plant Protection in the Tropics
- Thousand cankers disease confirmed in Italy
- The Origin of Puccinia psidii in Brazil
- International Plant Protection Congress
- News from ACIAR
- Feeding Knowledge
- International Workshop on Grapevine Trunk Diseases
- Acknowledgements
- Coming events

ISPP NEWSLETTER 44 (4) April 2014

- New Centre of Excellence for Food Security
- Kiwifruit bacteriosis expected to spread worldwide
- 2nd Annual Africa Food Security Conference & Agricultural - Exhibition
- First report of moko disease of banana in Malaysia.
- Review of apple scab-resistant varieties for commercial growers
- Fungi do not only attack plants
- The 20th Annual Conference of the Plant Protection society of Ethiopia is Scheduled for 25 and 26 December, 2013
- A View of the FAO on the involvement of African Youth
- A New Virus on Coffee
- Acknowledgements
- Coming events



Employment

Postdoctoral / Research Associate Position available

Postdoctoral Fellow / Research Associate in Host-Pathogen Interactions, Bioinformatics / Computational Biology

The Fernando, Belmonte and deKievit labs at the University of Manitoba, Winnipeg, Manitoba, Canada are accepting applications from outstanding individuals for a 3 year postdoctoral fellowship in the fields of host-pathogen interactions / computational biology / bioinformatics. The position is available immediately.

The postdoctoral candidate should have a PhD in the field of bioinformatics, molecular biology, applied mathematics, ideally with some experience in biology related questions, especially in biotic/abiotic stress. In addition, the postdoctoral candidate should already have experience and be familiar with gene expression data analysis, preferably with RNA seq data analysis. The successful candidate will identify genes responsible for canola tolerance to the fungal pathogen *Sclerotinia* in the presence or absence of a biocontrol agent.

Our labs are currently generating RNA sequence data from canola cells before, during and after the infection process using a plant-fungus-bacterial tripartite system and are developing new pipelines for next-generation sequencing data analysis. The successful candidate will develop scripts and tools to identify differentially expressed genes in all three biological systems: canola, *Sclerotinia* and *Pseudomonas*. The candidate will work in collaboration with experimental biologists who will test hypotheses generated from the computational analyses in the lab. The position requires highly motivated individuals with excellent written and oral communication skills and great interpersonal skills. Interested candidates should send a cover letter stating your experience and interests, an updated CV, together with the names of three professional references and a description of their work interests to:

Dr. Mark Belmonte
Assistant Professor
Department of Biological Sciences
University of Manitoba, Winnipeg, Canada
E-Mail: mark.belmonte@ad.umanitoba.ca

The Group:

Dr. Dilantha Fernando, Professor, Plant Science
Dr. Teri de Kievit, Associate Professor and Associate Head, Microbiology
Dr. Mark Belmonte, Assistant Professor, Biological Sciences

Salary: Commensurate with experience. Includes an attractive benefits package.

Organization: University of Manitoba established in 1878, is the oldest university in Western Canada.
<http://umanitoba.ca/about/index.html>



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Postdoctoral / Research Associate Position available

Postdoctoral Fellow/Research Associate in Canola-Blackleg Host-Pathogen Interactions

We are actively seeking a post doc/research associate to work in the Department of Plant Science, University of Manitoba on a ASP/GF-2 funded project for a period of up to 5 years. The candidate should have a PhD in the field of plant pathology or a related field. We are looking for a candidate who is interested in working with growers to collect data and field samples, and analyze them in the lab using both conventional and molecular tools to understand the interactions between host's R-genes and pathogen's Avr/avr

genes. A Driver's License is Required. Statistical knowledge/experience is desirable. The position requires highly motivated individuals with excellent written and oral communication skills and great interpersonal skills. Interested candidates should send a cover letter stating your experience and interests, an updated CV, together with the names of three professional references and a description of their work interests to:

Dr. Dilantha Fernando
Professor
Department of Plant Science
University of Manitoba, Winnipeg, Manitoba,
Canada
E-Mail: Dilantha.Fernando@umanitoba.ca

The Group:

Dr. Dilantha Fernando, Professor, Plant Science,
University of Manitoba
Dr. Gary Peng, Research Scientist, AAFC/Saskatoon,
Saskatchewan
Dr. Ralph Lange, Program Leader, Alberta Innovates,
Vegreville, Alberta

Salary: Commensurate with experience. Includes an attractive benefits package.

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Submission Deadline for the June 2014 issue of CPS-SCP News

PLEASE NOTE: The submission deadline for the June 2014 issue of CPS - SCP News is **May 23, 2014**. 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.

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