

CPS • SCP *News*



CANADIAN PHYTOPATHOLOGICAL SOCIETY • SOCIÉTÉ CANADIENNE DE PHYTOPATHOLOGIE

VOL. 63, NO. 1

<http://phytopath.ca>

March 2019

President's Message



Dilantha Fernando
CPS-SCP President/président

Dear CPS Members,

I hope you have had a good winter. As a person originally from a very warm climate (Sri Lanka) this winter was really tough for me. To the best of my recollection, it may have been the coldest I have encountered in my 20 years in Winnipeg! However, as Winnipeggers would say, we are resilient to the cold and we make the best out of it with

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fun activities outdoors! This year we had the world's largest snow maze built just a 10 minutes' drive from my home. My family

had lots of fun getting lost in the maze, then running to a fire-pit to get warmed up to climb the snow mountain to slide down the hill and then resting a while drinking hot chocolate! The Guinness World Records gave their official nod and certificate to the snow maze, as world's largest and longest. The owners of the maze proudly displayed this at the entrance! Winnipeg's natural skating trail had been extended once again thanks to the cold weather. Red River Mutual Skating Trail at the Forks was 6.3 kilometers long for

Winnipeggers to enjoy skating outdoors. Many places offered tobogganing. So, although the winter was tough with long cold periods, we did enjoy and took it in stride!

It is hard to believe that I have been the president for almost 10 months! This period has been a busy one, but I have really enjoyed the work I have been able to accomplish with the board. I have also had the privilege of being able to visit many regional meetings and meet CPS members in those regions and provinces. The CPS board meets fairly frequently to discuss topics that need action. Some of the initiatives we undertook may be realized during the tenure of the next CPS president, but I am glad I was able to be involved in these worthy initiatives first hand.

The CPS Board passed a motion to have a new structure to the CJPP editorial board, mainly to ease the work of the new EIC/CJPP and also to streamline the editorial work and acceptance of papers in a timely manner. I am pleased to announce

that Dr. Stephen Strelkov has accepted the invitation of the CPS Board to be the new EIC for three years. Congratulations Steve! The CPS members are aware of the work Dr. Zamir Punja has done as EIC/CJPP for many years! Dr. Punja will officially stepdown soon, but will still stay on awhile to see a smooth transition of the EIC role. I would like to take this opportunity to thank Dr. Punja for his many years of service to

the CJPP as its EIC, to the CPS Board as a non-voting member in the capacity as EIC, and for making CJPP

increase its impact factor and making it a profitable journal. The new editorial board will include young scientists from across Canada. Stay tuned! We are working with Taylor and Francis on finalizing this workflow. The ad-hoc committee led by Dr. Barry Saville is actively looking at improving the journal's success scientifically and financially. I hope we will hear from the ad-hoc committee soon.

The Canadian Plant Disease Survey will celebrate 100 years of its publication this year. Dr. Janice Elmhirst as its national editor has been doing a wonderful job that needs recognition. The CPDS will now be published through Taylor and Francis. This again is a change for the best.

The American Phytopathological Society invited one or more CPS members to be participating in their bi-monthly zoom conferences of the Public Policy Board of the APS. Dr. Denis Gaudet kindly agreed to be the CPS member to participate with our American friends and colleagues. The idea

“...the CPS will be celebrating its 90th anniversary and the CPDS will be celebrating its 100th anniversary! ”

is Dr. Gaudet would then report back to the CPS board of APS/PPB initiatives.

The CPS Board along with Dr. Andre Levesque, Senior Science Director, CFIA, worked on a letter to the Associate Director of Biodiversity and Collections at the AAFC in Ottawa to consider maintaining a Canadian Host-Pest Database with free access through a web base access to Canadian scientists. In our letter we emphasized the importance of such a database for our scientists and with changes that are happening due to climate change. The CPS may be willing to partner with AAFC, provincial, universities and agencies as well as the private sector to build and maintain this critical web-based resource.

The Plant Canada meetings will be held from July 7-10, 2019 at the University of Guelph, in Guelph, Ontario. As a member of Plant Canada, CPS plans to actively participate in this conference where 750 participants are expected to attend. The CPS has had an interesting arrangement with the British Society of Plant Pathology (BSPP) since 2016 where a CPS member will be sent to an annual BSPP meeting in the UK in one year, and a BSPP member is invited to Canada for our annual meetings the following year. It is our turn to host this year. I am pleased to inform that Dr. Diane Saunders of the John Innes Institute in the UK will be our guest and one of the invited/keynote speakers at the Plant

Canada conference. Dr. Saunders' research focuses on (re)emerging plant pathogens that pose a significant threat to agriculture. The title of her presentation will be "The wheat-rust conflict: Shifty enemies and the long reach of genomics." In addition, our own CPS members, Drs. Mary Ruth McDonald and Richard Belanger will be speakers at the plenary session.

Another important feature at the Plant Canada conference will be that the CPS will be celebrating its 90th anniversary and the CPDS will be celebrating its 100th anniversary! We will have a special banquet and awards ceremony on July 9th (Tuesday) at the Delta Hotel in Guelph. Dr. Denis Gaudet will be the featured speaker at this dinner and will talk on the "History of CPS". The organizing committee of CPS is actively seeking sponsorship from industry to reduce the costs of the banquet for CPS members. I invite all of you to the Plant Canada Conference and to this very special CPS and CPDS anniversary celebrations banquet and awards night.

I would like to take this opportunity to thank all board members and all members on committees who are working hard at this time to make our annual conference a success. I look forward to seeing most of you in Guelph this summer. I wish everyone a great spring!

Dilantha Fernando

President, CPS



Message du président

Chers membres de la SCP,

J'espère que vous avez passé un bon hiver. Étant né sous un climat très chaud (Sri Lanka), j'ai trouvé ce dernier hiver particulièrement rude. Du mieux que je me souviens, c'est probablement l'hiver le plus froid que j'ai vécu depuis que je suis établi à Winnipeg, et cela fait 20 ans! Toutefois, comme les Winnipegois se plaisent à le dire, nous sommes endurcis au froid et nous profitons de l'hiver autant que nous le pouvons à grand renfort d'activités de plein air! Cette année, on a construit le plus grand labyrinthe de neige au monde, et cela, à peine 10 minutes en auto de chez moi. Les membres de ma famille s'en sont donnés à cœur joie à s'y égarer pour ensuite se précipiter vers un feu extérieur pour s'y réchauffer pour, par la suite, escalader la montagne de neige pour la dévaler en glissant et, finalement, se reposer en buvant un chocolat chaud! Le Livre des records Guinness a donné son aval officiel et un certificat au labyrinthe en tant que plus grand et plus long au monde. Ses propriétaires l'ont affiché avec fierté à l'entrée! Grâce au temps froid, il a été possible d'allonger le sentier naturel de patinage de Winnipeg. Les Winnipegois ont pu profiter des 6,3 km que leur a offerts le Red River Mutual Skating Trail à La Fourche. Il était également possible de glisser en toboggan à plusieurs endroits. En conséquence, bien que l'hiver ait été rigoureux avec ses longues périodes de froid, nous en avons profité et pris cela sans trop sourciller!

J'ai de la difficulté à croire que cela fait presque 10 mois que je suis président! Cette période a été pour le moins occupée, mais j'ai vraiment aimé le travail que j'ai pu

accomplir avec le conseil. J'ai aussi eu le privilège d'assister à plusieurs réunions régionales et de rencontrer les membres de ces régions et de ces provinces. Le conseil de la SCP se réunit assez fréquemment pour discuter des sujets qui demandent de l'attention. Certaines des initiatives que nous avons entreprises aboutiront probablement durant le mandat du prochain président de la SCP, mais je suis fier d'avoir pu m'impliquer directement dans ces initiatives louables.

Le conseil de la SCP a adopté une motion visant à incorporer une nouvelle structure au comité de rédaction de la SCP, principalement pour alléger le travail du nouveau rédacteur en chef de la Revue canadienne de phytopathologie (RCP) et également pour rationaliser le travail éditorial ainsi que l'approbation des articles dans un délai convenable. C'est avec plaisir que je vous annonce que Stephen Strelkov a accepté, à l'invitation du conseil de la SCP, de devenir le nouveau rédacteur en chef pour les trois prochaines années. Félicitations, Steve! Les membres de la SCP sont conscients de tout le travail que Zamir Punja a accompli en tant que rédacteur en chef de la RCP durant de nombreuses années! Zamir se retirera officiellement bientôt, mais verra quand même à ce que la transition se fasse en douceur. Je voudrais profiter de cette occasion pour remercier Zamir Punja pour ses nombreuses années de service en tant que rédacteur en chef de la SCP, en tant que membre non votant du conseil en qualité de rédacteur en chef, pour avoir amélioré le facteur d'impact de la RCP et en avoir fait une revue lucrative. Le nouveau comité éditorial inclura de jeunes scientifiques de partout au Canada.

Demeurez à l'affût! Nous travaillons avec Taylor and Francis pour finaliser le déroulement des opérations. Le comité ad hoc, dirigé par Barry Saville, considère activement des façons d'accroître le succès de la revue, scientifiquement et financièrement. J'espère que nous en entendrons bientôt parler.

L'Enquête
phytosanitaire
nationale
(EPN)

célébrera 100

ans de publication cette année. Janice Elmhirst, en qualité d'éditrice nationale, a fait un travail exceptionnel qui mérite d'être souligné. L'EPN sera dorénavant publié par Taylor and Francis. Cela constitue un autre changement pour le mieux.

La Société américaine de phytopathologie (SAP) a invité des membres de la SCP à participer à leurs conférences zoom bimensuelles de son conseil des politiques publiques. Denis Gaudet a gracieusement accepté, en tant que membre de la SCP, d'y participer avec nos amis et collègues américains. Par la suite, Denis Gaudet ferait rapport au conseil de la SCP des initiatives du conseil des politiques publiques de la SAP.

Le conseil de la SCP, de concert avec André Lévesque, directeur scientifique principal de l'Agence canadienne d'inspection des aliments, a contribué à la rédaction d'une lettre adressée au codirecteur de la biodiversité et des collections d'Agriculture et Agroalimentaire Canada (AAC) à Ottawa pour qu'il considère constituer une banque de données sur les plantes hôtes et les organismes nuisibles canadiens qui leur sont associés, accessible gratuitement aux scientifiques canadiens par l'entremise du Web. Dans notre lettre, nous avons mis

l'accent sur l'importance d'une telle banque de données non seulement pour nos scientifiques, mais aussi à cause des changements provoqués par le réchauffement climatique. La SCP serait disposée à participer avec AAC, les provinces, les universités et les agences ainsi qu'avec le secteur privé pour créer et

maintenir cette
ressource
cruciale basée
sur le Web.

“...la SCP célébrera son 90e anniversaire et l'EPN, son 100e!”

La réunion de Plant Canada se tiendra du 7 au 10 juillet 2019 à l'Université de Guelph, à Guelph en Ontario. En tant que membre de Plant Canada, la SCP compte prendre activement part à cette réunion à laquelle on attend 750 participants. En 2016, la SCP a conclu une entente intéressante avec la Société britannique de phytopathologie (SBP) qui permet, une année, à un membre de la SCP d'assister à une réunion de la SBP et, l'année suivante, à un membre de la SBP d'assister à une réunion de la SCP. Cette année, c'est notre tour. J'ai le plaisir de vous informer que Diane Saunders, de l'Institut John Innes du Royaume-Uni, sera notre invitée et une des conférencières d'honneur à la réunion de Plant Canada. Les recherches de Diane traitent des agents phytopathogènes (ré)émergents qui constituent de véritables menaces pour l'agriculture. Le titre de sa présentation sera « Le conflit blé-rouille : des ennemis sournois et la portée de la génomique ». En outre, Mary Ruth McDonald et Richard Bélanger, de la SCP, seront conférenciers lors de la réunion plénière.

Autre fait notable de la réunion de Plant Canada, la SCP célébrera son 90e anniversaire et l'EPN, son 100e! Le 9 juillet (mardi), nous donnerons un banquet spécial et tiendrons la cérémonie de remise des prix

à l'Hôtel Delta de Guelph. Au banquet, Denis Gaudet sera le conférencier vedette et traitera de l'histoire de la SCP. Le comité organisateur de la SCP est en recherche active de parrainage de la part de l'industrie afin de réduire les coûts du banquet pour les membres de la SCP. Je vous invite tous à assister à la réunion de Plant Canada ainsi qu'à ce banquet et à cette remise des prix des célébrations très spéciales des deux anniversaires.

Je voudrais profiter de l'occasion pour remercier tous les membres du conseil ainsi que tous ceux des comités qui travaillent d'arrache-pied pour faire un succès de notre réunion annuelle. J'ai hâte de vous voir tous à Guelph cet été et je souhaite à tous un excellent printemps!

Dilantha Fernando
Président, SCP



Committee Reports

Membership Committee

The membership drive for the CPS has gone smoothly and we are at similar membership level as last year at this time. It appears pathology students still haven't taken advantage of free membership; maybe many are still unaware. Online access to the CJPP is available with new access codes to all members in good standing.

Submitted by Vikram Bisht



Announcements

Potato Association of America Annual Meeting

The Potato Association of America will have its annual meeting in Winnipeg, Manitoba from **July 28 to August 01, 2019**. As a co-chair for the Local Arrangements Committee, I invite all those interested in potato work to consider attending this in your annual plan. This is the first time PAA meeting is to be held in Manitoba. We have also planned an exciting tour of the Assiniboine Zoo Polar bear exhibit, Journey to Churchill.

For details of the PAA meeting and associated activities please check the web-link for details - <https://paaevents.org/>. Abstract submission deadline is **March 18, 2019**.

Submitted by Vikram Bisht



Plant Canada 2019 Annual Meeting (& CPS Annual Meeting)



Dear members of the Canadian Phytopathological Society,

PLANT CANADA 2019 will be held July 7th - 10th, 2019 at the University of Guelph campus in Guelph, recently ranked in the top 10 universities world-wide in agricultural sciences.

This conference is held every four years bringing together seven Canadian plant science societies including the Canadian Phytopathological Society.

It will bring together around 700 delegates including national and international researchers, extension personnel in agriculture and related industries and many other stakeholders.

Consistent with the theme '*Communicating Innovation in Plant Science*' participants will experience cutting-edge discoveries in plant biology, plant protection, plant biotechnology, botany and developments in agronomic and horticultural crop production, such as new crop development and enhanced sustainability. A keynote address will be given on Sunday July 7 by Canadian evolutionary biologist and television personality **Daniel Riskin**.

Details of the PLANT CANADA 2019 scientific program, including a list of invited speakers, plenary and concurrent session topics can be found at the meeting's website (<http://www.cspb-scbv.ca/PlantCanada2019/>).

In addition, the delegates will enjoy an extensive social agenda and field tours. Because of the inherent appeal of the Guelph-Toronto-Niagara region as a top international travel destination, it will create an ideal setting for a successful conference.

I hope you will attend the meeting including **CPS' Annual General meeting and CPS' 90th Anniversary Celebration and Awards Dinner both taking place Tuesday July 9.**

For those interested in presenting a talk or a poster, please note the deadlines for abstract submission. Abstract deadline for oral presentation is May 24.

Dr. Dilantha Fernando
President of the Canadian Phytopathological Society



Meeting Reports

Fifth joint meeting of the Plant Pathology Society of Alberta and the Saskatchewan Regional Group of CPS

The 39th Annual Meeting of the Plant Pathology Society of Alberta (PPSA) was held together with the annual meeting of the Saskatchewan Regional Group of the Canadian Phytopathological Society (CPS) from October 15-17, 2018, at the Days Inn and Suites, Lloydminster, Alberta. This was the fifth such joint meeting, held at roughly 5-year intervals. These joint meetings provide an opportunity to meet and exchange information with colleagues across the provincial border, especially for technical staff who are not often able to attend national or international meetings, and provide graduate students with an opportunity to present their work at a large meeting in a year when the CPS meeting is too far away for most students to be able to attend.

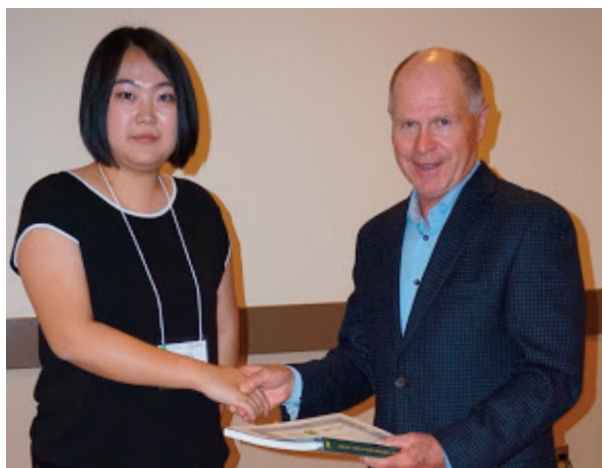
To that end, there is a strong emphasis on presentations by students and technical staff. In 2018, there were separate Student and Technician presentation competitions. All of the presentation award recipients received a copy of the book *History of Plant Pathology in Canada*. First place award winners also received a cheque for \$150 and second place winners received a cheque for \$50. The judges for both competitions were Barb Ziesman, Yu Chen and Dilantha Fernando.

In the Student Competition, all three winners were M.Sc. students at the University of Alberta working with Drs. S. E. Strelkov and S. F. Hwang: *First place* went to **Nicole Fox**, *Second place* to **Keisha Hollman**, and *Third place* to **Yixiao Wang**.

In the Technician Competition, *First place* went to **Daniel McDougall** (University of Regina, supervisor Dr. J. Stavrinides), *Second place* to **Linda McGregor** (Agriculture and Agri-Food Canada, Saskatoon, supervisor Dr. G. Peng), and *Third place* to **Blake Hill** (Alberta Agriculture and Forestry Brooks, supervisor Dr. M. Harding). Congratulations to all of the winners!

In addition to the Student and Technician presentations, **Dr. Tim Murray** from the Washington State University provided an invited seminar entitled 'Climate change and its impact on diseases of winter wheat', **Dr. Yantai Gan** from AAFC at Swift Current made an invited presentation entitled 'Adapting agronomic practices to changing climates through system integration', **Dr. Gary Peng** from AAFC at Saskatoon gave an invited presentation on 'Managing blackleg of canola in western Canada - An integrated approach' and the CPS President, **Dr. Dilantha Fernando** from the University of Manitoba, provided greetings from CPS and outlined some of the recent initiatives and issues arising in the society.

There were 67 attendees at the meeting, which consisted of an opening reception, two days of meetings with 23 presentations and 17 posters, a business meeting for PPSA and a formal banquet.



Winners of the student presentation competition accepting their awards from Dr. Ron Howard. Upper left: First place winner **Nicole Fox**; Upper right: Second place winner **Keisha Hollman**; Left: Third place winner **Yixiao Wang**.

The LAC for the joint meeting consisted of Bruce Gossen – Chair, Michelle Hubbard – Scientific Program, Yu Chen – sponsors, Merek Wigness – registration, Gary Peng – Finance, plus Noryne Rauhala (PPSA Treasurer) who handled the banking and invoices. Thanks to everyone who participated and special thanks to our sponsors for their generous support!

Drs. Sheau-Fang Hwang and Kan-Fa Chang were nominated and accepted as honorary life members of the PPSA in recognition of their long service to and involvement in the PPSA. Also, the Swanson Award for 2018 from the PPSA went to **Ms. Yifan Yan** at the University of British Columbia. Ms. Yan's project examines the impact of climate change on grape production and her supervisor is Dr. S. Castellarin.

Respectfully submitted,

Bruce Gossen (Chair, LAC)



Ms. Yifan Yan receiving the 2018 Swanson Award from Dr. R. Yada, Dean of the Faculty of Land and Food Systems at UBC



Winners of the technician presentation competition accepting their awards from Dr. Ron Howard. Upper left: First place winner **Daniel McDougall**; Upper right: Second place winner **Linda McGregor**; Left: Third place winner **Blake Hill**.



Employment

MSc Student Position in Malt Microbiomes

Research Topic: Linking malting barley quality defects to traits of *Fusarium graminearum*

Location: Dept. of Microbiology and Dept. of Plant Science, University of Manitoba, Canada.

Co-supervisors:

Dr. Matthew Bakker (Microbiology; https://www.researchgate.net/profile/Matthew_Bakker), and Dr. Dilantha Fernando (Plant Science; <http://home.cc.umanitoba.ca/~fernando/>)

Start date: July 1, 2019 or thereafter.

Description: *Fusarium* head blight is a devastating disease of wheat and barley, caused primarily by *Fusarium graminearum* and its close relatives. A toxin produced by the fungal pathogen accompanies the disease and is responsible for much of its economic impact. There are unique aspects to this disease in malting barley, because *Fusarium* can resume active growth during the malting process, potentially resulting in new toxin production and other malt quality defects, such as premature yeast flocculation and excessive gushing in finished beer.

The Position: One MSc position is available for research connecting *Fusarium graminearum* to malt quality. With collaborators, we will produce barley infested with characterized strains of *Fusarium graminearum*, to be used in micromalting experiments. Strain-level traits of *F. graminearum* will be linked to particular malt quality criteria and to the success of *Fusarium* within the broader microbiome associated with malting barley.

Required Experience: Bachelor's degree in Plant Science, Microbiology, Biological Sciences, Plant Pathology, Agriculture or another related field. Experience in, or a willingness to learn, bioinformatics techniques related to genomics and microbiome profiling. An excellent undergraduate student may start as an MSc student, with the possibility to transfer to the PhD program (to be determined on the performance & availability of funds).

About Winnipeg: Winnipeg, the capital of Manitoba, is a vibrant city with a population of about 800,000. Situated at the meeting of the Red and Assiniboine Rivers, this friendly city offers ethnic and cultural diversity and hosts many artistic, social, and sporting events and festivities throughout the year. Residents quickly become part of this prairie city's "home-town" attitude offering them a great place to live, work, and play!

Departments: For information about the Department of Microbiology and the Department of Plant Science at the University of Manitoba, please see: <http://www.sci.umanitoba.ca/micro/> http://umanitoba.ca/faculties/afs/dept/plant_science/ Contact: Please send cover letter, curriculum vitae, unofficial transcripts & contact information of two references in PDF format to Dr. Matthew Bakker (matt.g.bakker@gmail.com).



Call for Submissions

The Canadian Phytopathological Society Best Educational Video Awards 2019



THE CANADIAN PHYTOPATHOLOGICAL SOCIETY

LA SOCIÉTÉ CANADIENNE DE PHYTOPATHOLOGIE

Eligibility

All graduate students, undergraduate students, research technicians, and post-doctoral fellows conducting their research in plant sciences/plant pathology are eligible for the awards. However, preference may be given to CPS members. All videos will be played in a session during the CPS Annual Meeting and posted on the society's web page.

Rules

- 1 The video should be focused on a plant disease and must include the host(s), the pathogen, the symptoms, and signs on the host(s).
- 2 The video may be in English or French.
- 3 The video should be entertaining, engaging, and easy to understand by high school and undergraduate students. Creativity is highly encouraged.
- 4 The video should be 3-5 minutes in length.
- 5 Only one submission per participant will be considered.
- 6 By submitting a video file you indicate your agreement to share the video on the phytopath.ca website and through social media. Additionally, permission will be granted to share this video with educational institutes worldwide.

Deadline

June 10, 2019

How to submit your video?

Email your video (.MOV, .MPEG4, .MP4, or .AVI) and the following application form to CPS.Education.Committee@gmail.com

Award

All entries will be judged the the CPS Awards Committee

First Prize: \$500, Second Prize: \$300, Third Prize: \$200

The award will be presented at the Plant Canada Meeting Awards Ceremony

La Société Canadienne de Phytopathologie Prix de la meilleure vidéo éducative 2019



THE CANADIAN PHYTOPATHOLOGICAL SOCIETY

LA SOCIÉTÉ CANADIENNE DE PHYTOPATHOLOGIE

Admissibilité

Tous les étudiants diplômés, les étudiants de premier cycle, les techniciens de recherche et les boursiers postdoctoraux menant leurs recherches en phytologie / pathologie végétale sont éligibles. Toutefois, la préférence peut être donnée aux membres de la SCP. Toutes les vidéos seront diffusées lors d'une séance au cours de l'assemblée annuelle de la SCP en 2018 et affichées sur la page Web de la société.

Règles

- 1 La vidéo doit être centrée sur une maladie de la plante et doit inclure le ou les hôtes, l'agent pathogène, les symptômes et les signes apparaissant sur l'hôte ou les hôtes.
- 2 La vidéo peut être en anglais ou en français.
- 3 La vidéo doit être divertissante, attrayante et facile à comprendre pour les étudiants du secondaire et du premier cycle. La créativité est fortement encouragée.
- 4 La vidéo devrait durer de 3 à 5 minutes.
- 5 Une seule candidature par participant sera prise en compte.
- 6 En soumettant un fichier vidéo, vous indiquez que vous acceptez de partager la vidéo sur le site Web phytopath.ca et sur les médias sociaux. De plus, nous aurons le droit de partager cette vidéo avec des instituts de éducation du monde entier.

Date limite

10 Juin 2019

Comment soumettre votre vidéo?

Envoyez votre vidéo (.MOV, .MPEG4, .MP4 ou .AVI) et le formulaire de demande suivant à CPS.Education.Committee@gmail.com

Prix

Toutes les inscriptions seront jugées par le comité des prix de la SCP.

Premier Prix: \$500, Deuxième Prix: \$300, Troisième Prix: \$200

Le prix sera présenté à la cérémonie de remise des prix de la réunion Plant Canada

Educational Video Award Application Form/ Formulaire d'application de vidéo éducative



THE CANADIAN PHYTOPATHOLOGICAL SOCIETY

LA SOCIÉTÉ CANADIENNE DE PHYTOPATHOLOGIE

NAME/NOM: _____

DEGREE or POSITION/GRADE ou POSITION: _____

INSTITUTION: _____

DEPARTMENT/DÉPARTEMENT: _____

Mailing Address /Adresse postale: _____

e-mail address/Courriel: _____

Are you a student member of the CPS/Êtes-vous étudiant membre de SCP?

Yes/Oui or No/Non

Title of your Video/Titre de votre vidéo: _____

Contest Terms / Conditions du concours

By submitting a video file you indicate your agreement to share the video on the www.phytopath.ca website and through social media. Additionally, permission will be granted to share this video with educational institutes worldwide.

En soumettant un fichier vidéo, vous indiquez que vous acceptez de partager la vidéo sur le site www.phytopath.ca et sur les médias sociaux. De plus, il sera autorisé à partager cette vidéo avec des instituts de formation du monde entier.

The Canadian Phytopathological Society Best Photo Awards 2019



THE CANADIAN PHYTOPATHOLOGICAL SOCIETY

LA SOCIÉTÉ CANADIENNE DE PHYTOPATHOLOGIE

Eligibility

All professionals within the fields of plant sciences and plant pathology are eligible for the awards. All photos will be posted on the society's web page.

Rules

- 1 The photo should be clearly show elements relative to the submission category.
Categories:
 - Plant Pathology in the Field
 - Plant Pathology in the Lab
 - Microscopic Plant Pathology
 - People in Plant Pathology
- 2 The photo should be accompanied with a text file describing the photo, which may include plant and/or pathogen names.
- 3 Participants may submit multiple photos, but will be eligible for only one award.
- 4 By submitting a photo you indicate your agreement to share the photo on the phytopath.ca website, through social media, or in the Canadian Journal of Plant Pathology.

Deadline: June 10, 2019

How to submit your photo?

Email photo (.JPEG, .TIFF, .PNG, .BMP) and description to
CPS.Education.Committee@gmail.com Please clearly identify the submission category.

Award

Entries will be judged in each category and the winner will be announced at the CPS Annual Meeting.

First prize: \$100, Second Prize: \$50

La Société Canadienne de Phytopathologie Prix de la Meilleure Photo 2019



THE CANADIAN PHYTOPATHOLOGICAL SOCIETY

LA SOCIÉTÉ CANADIENNE DE PHYTOPATHOLOGIE

Admissibilité

Tous les professionnels des domaines de la phytologie et de la phytopathologie sont éligibles. Toutes les photos seront affichées sur la page Web de la société.

Règles

- 1 La photo doit clairement montrer les éléments relatifs à la catégorie de soumission.
Catégories:
 - Phytopathologie sur le terrain
 - Phytopathologie en laboratoire
 - Phytopathologie microscopique
 - Personnes en phytopathologie
- 2 La photo doit être accompagnée d'un fichier texte décrivant la photo, pouvant inclure des noms de plantes et / ou de pathogènes.
- 3 Les participants peuvent soumettre plusieurs photos, mais ne seront éligibles que pour un seul prix.
- 4 En soumettant une photo, vous indiquez que vous acceptez de la partager sur le site Web phytopath.ca, sur les médias sociaux ou dans le Canadian Journal of Plant Pathology.

Date limite: 10 Juin 2019

Comment soumettre votre photo?

Envoyez votre photo par courrier électronique avec la description à CPS.Education.Committee@gmail.com Veuillez identifier clairement la catégorie de soumission.

Prix

Les inscriptions seront jugées dans chaque catégorie et le gagnant sera annoncé lors de l'assemblée annuelle de la SCP.

Premier Prix: \$100, Deuxième Prix: \$50

Scholarships

Call for Applications for 2019 Storkan-Hanes-McCaslin Foundation Awards

The Storkan-Hanes-McCaslin Foundation Awards are named in honor of Richard C. Storkan, Gerald L. Hanes, and Robert L. McCaslin. Each had a long history of cooperation with the scientific community, and they were pioneers in developing effective soil fumigation through experimental research.

The foundation was established in 1987 to support graduate student research. To date, \$534,500 has been awarded to 84 promising scientists. In addition to unrestricted cash awards (which range from \$5,000 to \$10,000 and can be used for any purpose that will benefit the education of the student including personal expenses), new awardees will also receive round-trip fares to the 2019 APS meeting in Cleveland, Ohio and are presented their awards at a luncheon attended by their research advisors, previous awardees, and members of the Foundation Committee.

The 2018 Foundation Award winners were:

Kelly N. Hrywkiw, University of British Columbia, Proposal Title: Of forests and *Phytophthora*, elucidating the host-pathogen interaction through dual RNA sequencing

Ram B. Khadka, The Ohio State University, Proposal Title: Combined effects of inundative biocontrol and anaerobic soil disinfestation (ASD) using non-host cover crops as carbon sources for clubroot management in cruciferous crops

Bradley Lalande, Colorado State University, Proposal Title: Changes in soil microbial communities associated with Armillaria root disease of western white pine (*Pinus monticola*)

Megan McCaghey, University of Wisconsin-Madison, Proposal Title: Controlling *Sclerotinia sclerotiorum* in *Glycine max* by targeting oxalic acid production using host-induced gene silencing

A major aim of the foundation is to encourage research by offering financial assistance to graduate students who are working on soil-borne diseases of plants. The research must be done in the United States, Canada or Mexico. Foundation policy is to contribute to the education of the student. Grants are made on a yearly basis and may be renewed upon review by the committee. Since the award is highly competitive, we encourage unsuccessful applicants to update their proposal for future consideration. The research for which the award is given is expected to be performed by the applicant during the academic year 2019–2020, and a one page progress report is due one year from the date of the award. It would be appreciated if the Foundation were acknowledged in research publications stemming from this Award.

To be considered for funding, each proposal should be carefully prepared in accordance

with the instructions given below and submitted electronically, no later than May 1, 2019 to:

Dr. Michael Stanghellini (Chair of the Selection Committee), e-mail address:
michael.stanghellini@ucr.edu

Please submit a combined file containing:

- a short, two–three page research proposal containing a concise statement of the objectives, methods and materials, and projected impact of the proposed research (note: a budget is not required);
- a one page resume (i.e., a brief education and research background, including a telephone number and e-mail address), and;
- a letter of recommendation from the applicant's major professor or research director.

Preference will be given to those proposals containing innovative, creative, and/or novel research approaches to the stated objective(s), and to the overall quality (organization, correct English grammar and spelling) of the written proposal. Funding will begin September 1, 2019.



Young Scientists' Corner

FEATURED STUDENT:

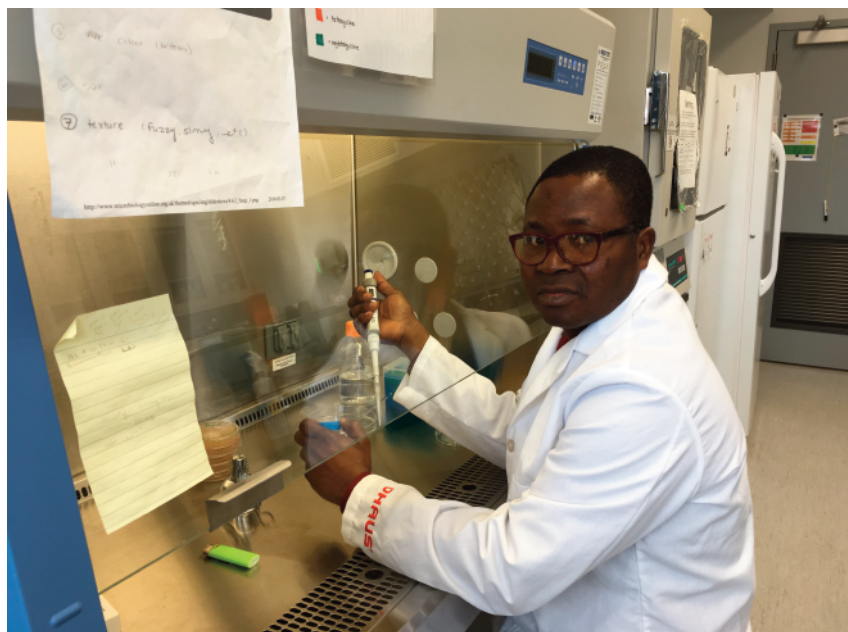
Oludoyin Adigun

(Memorial University of Newfoundland, Grenfell Campus)

I am currently a PhD candidate at Memorial University of Newfoundland studying Environmental Science under the supervision of Dr. Raymond Thomas and co-supervised by Dr. Erika Merschrod (MUN) and Dr. Linda Jewell (AAFC- St. John's). I obtained my bachelor's degree in chemical science and master's degree in environmental science (Toxicology) from Olabisi Onabanjo University, Ago-Iwoye Nigeria.

Historically, I have engaged in agricultural practices alongside with my career where I

cultivated cereals at commercial levels in Nigeria and I was wondering how various environmental stressors economically affect crops in term of yield and quality, and conversely, how the application of chemical pesticides is injurious to the natural environment. For more than a decade, my career has spanned teaching and non-teaching in various academic institutions and at various levels including high school, polytechnic and university in Nigeria. Meanwhile, I started exploring career in the field of plant pathology recently as doctoral



Doyin at work in the biosafety cabinet

student in MUN. I have gained a comprehensive knowledge in profiling the plant lipidome and its biochemical diversity associated with many cellular functions, along with genomic and molecular techniques to detect differentially expressed genes under pathogenic condition. My interactions with amazing professors and research scientists have broadened my professional skills and helped me to develop a keen interest in plant pathology.

My research focus on the roles of lipids and their metabolites as signaling molecules in plant-pathosystem. I am seeking to understand the molecular basis of plant defence response in soybean (*Glycine max*) against *Phytophthora sojae* and mechanisms underlying successful disease tolerance/ resistance in soybean-*P. sojae* pathosystem. Discoveries from this research will be directly transferred to breeders in pyramiding resistance-conferring gene

sequences in crops that could be beneficial to agricultural sector. This will improve food security while also reducing dependence on chemical pesticides, ultimately reducing the impact of an economically significant plant pathogen and thereby contributing to environmentally sustainable agricultural practices and environmental conservation. My future goal is to be engaged by a research-oriented institution working as a plant pathologist either in an agricultural research centre or academic institution having my own effective research group to advance in phytopathological research to face the future unprecedented challenges in plant pathology. I appreciate all my wonderful academic colleagues and seniors that I have crossed paths with during my career development for their advice and support so far. I am optimistic about meeting more amazing people as a young member of the Canadian Phytopathological Society.



Publications

ISPP - International Newsletter on Plant Pathology



The International Society for Plant Pathology promotes the world-wide development of plant pathology and the dissemination of knowledge about plant diseases and plant health management. News and announcements from all on any aspect of Plant Pathology are invited for the Newsletter.

Editor: Daniel Huberli

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 49 (1) January 2019

In this issue:

- ISPP President's Greetings for 2019
- ISPP-Report for 2018
- UN proclaims 2020 the International Year of Plant Health
- UK consortium to combat threat from *Xylella fastidiosa*
- Discovery of oldest known plant virus at ancient settlement
- Climate change could hit potato industry hard
- BIOCONTROL2019, 9-11 July, Viterbo, Italy

- R. James Cook to receive honorary doctoral degree
- APS International Travel Award Deadline Approaching
- Governance of Dual Use Research in the Life Sciences
- Final chance on ISPP Logo Survey
- Current Vacancies
- Acknowledgements
- Coming Events

ISPP Newsletter 49 (2) February 2019

In this issue:

- Change of Editor-in-Chief for Food Security
- Results of the ISPP logo survey launched in October 2018
- Best of 2018 - Plant Sciences, Agriculture & Food Security
- The world's ten most feared fungi
- Forest Health and Biotechnology: Possibilities and Considerations
- Handbook of Diseases of Banana, Abacá & Enset – new book
- Call for emergency action plan for myrtle rust
- Is habitat restoration killing plants in Californian forests?

- WANTED: Your best cases for an “IPPC talk”
- Applications open for development programme for early career researchers
- ISPP is now on Facebook – Join us
- 14th International Plant Virus Epidemiology Symposium
- Acknowledgements
- Coming Events
- Wheat holiday for blast
- Australasian Plant Pathology special issue on Botryosphaerales
- Classify viruses –The gain is worth the pain
- Microscopic tornadoes of spores released during rainfall
- EMPHASIS on the International Year of Plant Health
- Plant scientist awarded Nancy Millis Medal for Women in Science
- 11th International Workshop Grapevine Trunk Diseases – Deadline extension
- Obituary of Edward Rosario Provvidenti, 1921-2019
- Current Vacancies
- Acknowledgements
- Coming Events

ISPP Newsletter 49 (3) March 2019

In this issue:

- The global burden of pathogens and pests on food crops
- Phytopathology focus issue - Addressing the new global threat of *Xylella fastidiosa*
- Resuscitated @PestNet Twitter account
- Eve Billing passed away on 18 February



Entomological Society of Canada



The *Bulletin* has been published quarterly by the Entomological Society of Canada since 1969. It provides information on the activities of the Society and its members, research and employment opportunities, matters of wider scientific importance and book reviews.

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Submission Deadline for the June 2019 Issue of CPS-SCP News

PLEASE NOTE: The submission deadline for the June 2019 issue of CPS - SCP News is May 31, 2019. 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. In addition, photographs must be accompanied by a caption, and must be of suitable quality for printing. Photos that do not meet these guidelines will not be printed.

