

CPS • SCP *News*



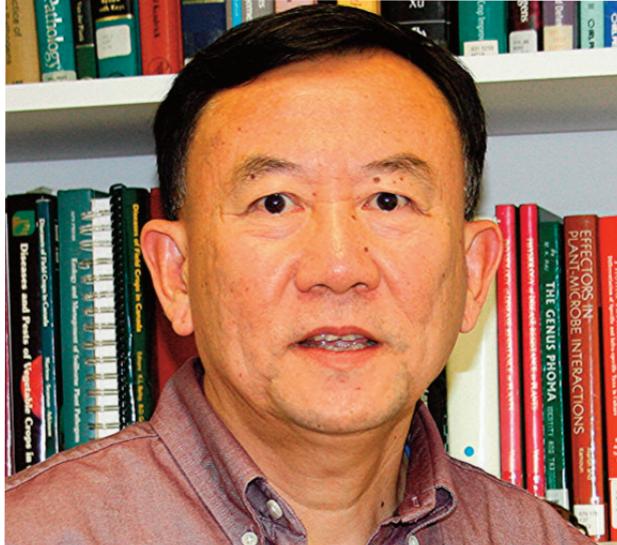
CANADIAN PHYTOPATHOLOGICAL SOCIETY • SOCIETE CANADIENNE DE PHYTOPATHOLOGIE

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June 2024

President's Message



Gary Peng
CPS-SCP President/président

Time flies! In just about a month, my term as the CPS 94th president will be completed, and I must say it has been a very positive experience working with so many dedicated colleagues on the CPS board and various committees. The society has more than 350 members in Canada and abroad, including graduate students, postdoctoral fellows/research associates, technical assistants, extension plant pathologists, research scientists, and university professors, with expertise covering almost every aspect of plant pathology. Thank you to everyone who volunteers as a board or

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committee member! Serving on a CPS committee is an excellent way to network with your colleagues across the country, share your knowledge, and gain valuable experience. If you are interested in any of the committees or the board and would like

more information, please contact the committee chair or CPS Secretary listed on the CPS website under Committees and Board of Directors.

I enjoyed the year as your President. I was able to attend the Joint Meeting between the Plant Pathology Society of Alberta and the CPS Saskatchewan Group in Lloydminster, AB, and connect virtually with participants at the CPS Southern Ontario Regional meeting.

Annual meetings were also held in other regions during the past year. We have eight regional groups, ranging from BC to the Maritime region; these regional activities

facilitate CPS members to connect and renew the strength of our society at the grassroots level, especially with active participation from many grad students. The work and enthusiasm of these young scientists are truly a testament to the bright future of our society. Thanks to our CPS Regional Reps who volunteered their time in organizing these meetings and making them successful events.

Reflecting on the past year, a lot has happened at the CPS with tremendous excitement. Our flagship journal, the *Canadian Journal of Plant Pathology* (CJPP), has transitioned to online-only publication with Taylor & Francis in a hybrid publication model. This allows authors to

choose between immediate open access for a fee or conventional publication with only a page charge. However, an entire issue will become open access one year after its initial publication, which will enhance CJPP readership and possibly the journal impact factor eventually. CPS members are entitled to a 30% discount if they choose to publish Open Access. The editorial board of CJPP, led by Editor-in-Chief **Dr. Linda Jewell**, remains pivotal in maintaining the journal's

high standards. The Canadian Plant Disease Survey (CPDS) continues its online publication also with Taylor & Francis; **Janice Elmhirst** has been the National Coordinator of CPDS since 2016 and she

has an annual report on CPDS in this issue of CPS News. Thank you, Janice, for your efforts in keeping this valuable publication going, which has been in continuation for 105 years!

This year, the society has been aiming to complete the revision of "Diseases of Field Crops in Canada" (DFCC) and publish its 4th edition, which will include significant updates from the 2003 edition. Led by **Drs. Mike Harding, Bruce Gossen, and Syama Chatterton**, the Editors of the new edition, it is near completion and will be sent to the printer for publication very soon. It has been planned to display a 'sample book' of the 4th-edition DFCC at the Plant Canada meeting in Winnipeg; please make sure to

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get a preview of the book during the meeting. Preorders will be available there at a discounted price!

CPS will again be the hosting society for the Plant Canada Conference this year, to be held in Winnipeg from July 7-10. The local arrangement committee, led by **Drs. Tom Fetch, Barry Saville, and Dilantha Fernando**, with the participation from all Plant-Canada societies, has been working tirelessly to put together an incredible program (<https://phytopath.ca/plant-canada-2024/program-plant-canada-2024/>) for the conference. Additionally, CPS will celebrate its 95th anniversary this year during the Plant Canada meeting, and an Awards Banquet has been planned for the Tuesday evening (July 9th), where our 2024 award winners will be recognized. CPS will also be organizing several workshops, symposia, and activities for the conference:

- 1 Sunday July 7: **Workshop**: Metabarcoding for phytopathogens (2:30-4:30pm) - Wen Chen
- 2 Monday July 8: **All-society Student Social** (8:30 – 10:30pm) - Gurcharn Barr
- 3 Tuesday July 9: **CropLife Symposium: Resistance Management** (11:15am – 1:00pm) - Albert Tenuta and Dilantha Fernando
- 4 Tuesday July 9: **CPS 95th Anniversary and Awards Banquet** -York Ballroom 1 (7:00 - 11:00 pm) – please register and CPS members receives \$50 discount for the banquet ticket.
- 5 Wednesday July 10: **CPS Plenary Session 3 - Emerging Technologies in Plant Health** Hall C (East), with three invited speakers: **Drs. Jan Leach**, Colorado State University, **Martina Stromvik**, McGill University and **Brent McCallum**, AAFC Morden Research and Development Center (8:30 -11:00am).

In the past year, the CPS also sponsored the Glenn Anderson Lectureship, awarded to **Dr. Bram Govaerts**, the current Director General of the International Maize and Wheat Improvement Center (CIMMYT) in Mexico, during the 12th International Congress of Plant Pathology held in Lyon, France (Aug 20-25, 2023). **Dr. Lone Buchwaldt** introduced Dr. Govaerts on behalf of the CPS. Additionally, CPS invited and sponsored **Dr. Fiona Doohan** from University College Dublin, Ireland, to give a talk in the same session.

Recently, the CPS board has approved a **Code of Conduct** for CPS members to delineate the society's expectations regarding professionalism and integrity. By clearly defining these, the CPS strives to uphold the highest standards within our field, fostering a supportive and ethical environment that benefits all its members and stakeholders. The board has also discussed and proposed several changes to By-laws that, along with the Code of Conduct and several board and committee member nominations, will require approval by members at the annual business meeting. This year's business meeting will be held on Monday, July 8th (11:30am – 1:00pm), during the Plant Canada meeting. As there will be several important items to be discussed, please make sure you plan to attend the business meeting.

Several of my predecessors have mentioned that, during their terms, the board barely had enough time to deal with the “nuts and bolts,” and sometimes important issues could fall through the cracks. There were ideas for the society to hire a part-time professional administrator to help with some of the day-to-day workload. With

membership's approval, Ken Conn was hired this year as the Assistant to the CPS Treasurer and Membership Secretary to manage all our financial transactions, as well as membership payments. It has been a demanding year for this role due to CPS leading the organization of the Plant Canada 2024 Conference and the amount of sponsorship funds for the conference, as well as for the publication of our new DFCC book. So far, things have been going smoothly on both fronts, allowing the Treasurer and Membership Secretary to better focus on priority issues related to financial planning and membership communications/services.

Looking to the future, I am immensely pleased with the strong standing of CPS. It has been a pleasure and privilege to work with so many dedicated volunteers over this year; we are thriving as a society because

of contributions made by many of our members. A special thank you to our Past-President Sheau-Fang Hwang and our Senior Director at-large Wen Chen, who will be leaving the board after the July meeting in Winnipeg. I look forward to working with the new Board under the leadership of Guillaume Bilodeau; as the Past President on the board, I will need to develop a list of nominations for directors of the board and committee members for 2025-2026. I hope that many of you will volunteer. Vacancies and calls for nominations will be announced in the December issue of CPS News. I hope to see many of you at the Plant Canada meeting in Winnipeg next month.

Gary Peng, President of CPS
Research Scientist
Saskatoon Research and Development Center
Agriculture and Agri-Food Canada



Message de le président

Que le temps file! Dans environ un mois, mon mandat comme 94e président de la SCP se terminera et, je dois l'avouer, le travail que j'ai partagé avec autant de collègues dévoués, tant au conseil que dans les divers comités, a été pour moi une expérience des plus positives. La Société compte plus de 350 membres au Canada et à l'étranger, y compris des étudiants diplômés, des boursiers de recherche

postdoctorale, des associés de recherche, des adjoints techniques, des conseillers en phytopathologie, des chercheurs et des professeurs au niveau universitaire dont l'expertise couvre presque tous les domaines de la phytopathologie. Merci à tous ceux et celles qui se sont portés volontaires à titre de membres du conseil ou des comités! La participation à un comité de la SCP est une excellente occasion

d'étendre son réseau de collègues partout au pays, de partager vos connaissances et d'acquérir une précieuse expérience. Si participer à un des comités ou siéger au conseil vous intéresse et que vous désirez obtenir de plus amples renseignements, s'il vous plaît, contacter le président du comité ou le secrétaire de la SCP dont les coordonnées sont listées sur notre site Web sous « Comités et conseil d'administration ».

J'ai bien aimé l'année en tant que président. J'ai pu assister à la réunion mixte entre la Société de phytopathologie de l'Alberta et le groupe de la SCP de la Saskatchewan à Lloydminster, Alberta, ainsi que prendre contact, virtuellement, avec les participants à la réunion régionale du sud de l'Ontario. Des réunions annuelles ont été également tenues dans d'autres régions au cours de l'année. Nous avons huit groupes régionaux, de la Colombie-Britannique aux provinces de l'Atlantique. Les activités régionales qui en découlent aident les membres de la SCP à entrer en contact et à renouveler les forces de notre société à partir de la base, spécialement avec la participation de nombreux étudiants diplômés. Le travail effectué par ces jeunes scientifiques et leur enthousiasme sont un témoignage

éloquent de l'avenir prometteur de notre société. Merci à nos représentants régionaux qui consacrent de leur temps à organiser ces réunions et à en faire des événements couronnés de succès.

Quand je pense à l'année écoulée, de nombreuses choses excitantes se sont produites à la SCP. Notre revue phare, la *Revue canadienne de phytopathologie* (RCP) est devenue accessible en ligne seulement, grâce à Taylor & Francis, en format de publication hybride. Cela permet aux auteurs de choisir entre un libre accès immédiat, moyennant des frais, ou une publication traditionnelle avec frais par page seulement. Toutefois, un numéro entier deviendra libre d'accès une année après sa publication initiale, ce qui accroîtra le lectorat de la RCP et possiblement son facteur d'impact, éventuellement. Les membres de la SCP ont droit à une

réduction de 30 % s'ils choisissent de publier en libre accès.

Le comité de rédaction de la RCP, dirigé par la rédactrice en chef, Linda Jewell, demeure un élément fondamental du maintien des normes élevées de la Revue.

« La participation à un comité de la SCP est une excellente occasion d'étendre son réseau de collègues partout au pays, de partager vos connaissances et d'acquérir une précieuse expérience. Si participer à un des comités ou siéger au conseil vous intéresse et que vous désirez obtenir de plus amples renseignements, s'il vous plaît, contacter le président du comité ou le secrétaire de la SCP dont les coordonnées sont listées sur notre site Web sous « Comités et conseil d'administration ». »

L'Enquête phytosanitaire nationale (EPN) poursuit ses publications en ligne avec

Taylor & Francis également. **Janice Elmhirst** en est la coordonnatrice depuis 1 2016 et elle présentera son rapport annuel dans ce numéro du CPS/SCP News. Merci, Janice, pour les efforts que tu consacres à 2 l'édition de cette précieuse publication qui se poursuit depuis 105 ans!

Cette année, la Société vise àachever la révision de Maladies des grandes cultures au Canada (MGCC) et à publier sa 4e 4 édition qui comprendra d'importantes mises à jour par rapport à l'édition de 2003. Dirigée par **Mike Harding, Bruce Gossen** et **Syama Chatterton**, les rédacteurs de la nouvelle édition, elle est presque terminée et elle sera bientôt envoyée à l'imprimeur. Nous avons planifié d'exposer un «livre échantillon» de MGCC à la réunion de Plant Canada à Winnipeg. S'il vous plaît, assurez-vous de profiter de cette avant-première durant la réunion. Vous pourrez y précommander votre exemplaire à prix réduit!

Cette année encore, la SCP sera la société qui organisera la conférence de Plant Canada, qui se tiendra à Winnipeg du 7 au 10 juillet. Le comité organisateur local, dirigé par **Tom Fetch, Barry Saville** et **Dilantha Fernando**, avec la participation de toutes les sociétés associées à Plant Canada, a travaillé sans relâche pour concocter un programme fantastique (<https://phytopath.ca/plant-canada-2024/program-plant-canada-2024/>). De plus, la SCP célébrera cette année son 95e anniversaire durant la réunion de Plant Canada, et un banquet a été planifié pour la remise des prix le mardi soir (9 juillet) au cours duquel nos lauréats de 2024 seront récompensés. La SCP organisera également, dans le cadre de la conférence,

divers ateliers, symposiums et activités : Dimanche 7 juillet : **Atelier** : Métacodage à barres pour les agents phytopathogènes (14 h 30 à 16 h 30) — Wen Chen; Lundi 8 juillet : **Événement social pour tous les étudiants membres de la Société** (20 h 30 à 22 h 30) — Gurcharn Barr; 3 Mardi 9 juillet : **Symposium CropLife : Gestion de la résistance** (11 h 15 à 13 h) — Albert Tenuta et Dilantha Fernando; Mardi 9 juillet : **Banquet du 95e anniversaire de la SCP et de la remise des prix**, York Ballroom 1 (19 h à 23 h) — s'il vous plaît, inscrivez-vous. Les membres de la SCP obtiendront un bon de réduction de 50 \$ pour le banquet; Mercredi 10 juillet : **3e séance plénière de la SCP — Technologies émergentes dans le domaine de la santé des végétaux**, Hall C (est), avec trois conférenciers d'honneur : **Jan Leach**, de l'Université de l'État du Colorado, **Martina Stromvik**, de l'Université McGill, et **Brent McCallum** du Centre de recherche et de développement de Morden d'Agriculture et Agroalimentaire Canada (8 h 30 à 11 h 30).

L'année dernière, la SCP a également commandité la maîtrise de conférences Glenn Anderson, décernée à **Bram Govaerts**, l'actuel directeur général du Centre international d'amélioration du maïs et du blé, du Mexique, dans le cadre du 12e Congrès international de pathologie végétale tenu à Lyon, en France, du 20 au 25 août 2023. **Lone Buchwaldt** a présenté Bram Govaerts au nom de la SCP. En outre, la SCP a invité et commandité **Fiona Doohan**, du Collège universitaire de Dublin, en Irlande, pour qu'elle présente un exposé durant la même séance.

Récemment, le conseil de la Société a

approuvé un code de conduite pour les membres de la SCP afin de définir ses attentes à l'égard de la culture de professionnalisme et d'intégrité qui la caractérise. En les définissant clairement, la SCP s'efforce de défendre les normes les plus élevées dans son domaine tout en promouvant un environnement favorable et éthique qui profite à tous ses membres et parties prenantes. Le conseil a également discuté de plusieurs changements aux règlements et en a proposé certains qui, de concert avec le code de conduite et certaines propositions de candidatures relatives aux comités, nécessiteront l'approbation des membres lors de l'assemblée annuelle. Cette année, l'assemblée annuelle se tiendra le lundi 8 juillet (de 11 h 30 à 13 h), durant la réunion de Plant Canada. Étant donné que plusieurs points importants seront à l'ordre du jour, s'il vous plaît, prévoyez d'y assister.

Plusieurs de mes prédécesseurs ont mentionné que, durant leur mandat, le conseil avait à peine le temps de traiter les « bricoles » et, parfois, des points importants pouvaient leur échapper. Il a été question pour la Société d'embaucher un administrateur professionnel à temps partiel pour aider à traiter les affaires courantes. Avec l'approbation des membres, Ken Conn a été engagé cette année à titre d'adjoint au trésorier et au secrétaire aux adhésions de la SCP afin de gérer toutes nos transactions financières ainsi que le versement des cotisations. Cette année, la tâche a été exigeante étant donné que la SCP jouait un rôle majeur dans l'organisation de la conférence de Plant Canada et du nombre de commandites obtenues pour celle-ci de

même que pour la publication de la nouvelle édition de MGCC. Jusqu'à maintenant, tout s'est déroulé rondement sur ces deux plans, permettant au trésorier et au secrétaire aux adhésions de se concentrer sur des questions prioritaires relatives à la planification financière ainsi qu'aux services et aux communications aux membres.

Si je considère l'avenir, je me réjouis particulièrement de la solide réputation de la SCP. Cela a été pour moi un plaisir et un privilège de travailler avec autant de bénévoles dévoués, et ce, tout au long de l'année. Nous nous épanouissons en tant que société à cause de la contribution de plusieurs de nos membres. Je tiens à remercier particulièrement notre présidente sortante, Sheau-Fang Hwang, et notre directrice principale désignée, Wen Chen, qui prendra congé du conseil après la réunion annuelle de juillet à Winnipeg. J'ai hâte de travailler avec les nouveaux membres du conseil sous la direction de Guillaume Bilodeau. En tant que président sortant, je dois dresser, pour 2025-2026, une liste de candidatures pour les postes de directeurs du conseil et de membres pour les comités. J'espère que vous serez nombreux à vous porter volontaires. Les postes vacants et les appels à candidatures seront publiés dans le numéro de décembre du CPS/SCP News. J'espère voir bon nombre d'entre vous à la réunion de Plant Canada à Winnipeg le mois prochain.

Gary Peng, président de la SCP
Chercheur scientifique
Centre de recherche et de développement de
Saskatoon
Agriculture et agroalimentaire Canada



Society Business

CPS Code of Conduct: New

The purpose of this Code of Conduct is to highlight the expected behaviours of all CPS members to uphold a respectful and welcoming environment. It is the fundamental right of all CPS members to be treated with respect and dignity. The CPS is firmly committed to upholding the values of diversity, equity, and inclusion.

To align with this goal, the CPS expects that all members to understand and adhere to their rights and responsibilities, which include:

- Prohibiting discrimination, harassment, or any form of violence, including those of a sexual nature. Discrimination based on race, national or ethnic origin, colour, religion, age, sex, sexual orientation, gender identity or expression, marital status, family status, genetic characteristics, disability and conviction for an offence for which a pardon has been granted or in respect of which a record suspension has been ordered is strictly prohibited.
- Engaging in respectful and constructive communication in all situations and forums, and providing support as mentors.
- Demonstrating scientific and personal integrity by avoiding or disclosing potential conflicts of interest, and by respecting confidentiality and personal information where appropriate, especially in the context of award applications.
- Ensuring there is no retaliation against individuals who report violations of the Code of Conduct.

Failure to comply with the Code of Conduct may lead to consequences, including suspension or expulsion from the CPS (By-Law 17). Serious matters, such as instances of interpersonal or sexual violence, may be referred to the appropriate legal authority. By-Laws 38 and 39 outline processes for Mediation and Arbitration and are available online at: <https://phytopath.ca/about-cps/bylaws/>.

To report any violation of the Code of Conduct, please contact a member of the Board of the CPS. A current list of Board members and their contact information can be found on the CPS website at: <https://phytopath.ca/about-cps/board-of-directors/>.



Canadian Plant Disease Survey Annual Report 2023

In 2023, 45 papers were published in Volume 103 of the Canadian Plant Disease Survey (CPDS) covering the 2022 crop season. This was down slightly from the 50-60 reports received in previous years. Reports comprised 16 Cereal, 15 Oilseed, Pulse, Forage and Specialty, nine Diagnostic Lab, three Vegetable, one Berry, and the third survey of crop diseases in Yukon Territory. Vol. 103 was published online on August 23, 2023 at <https://www.tandfonline.com/doi/full/10.1080/07060661.2023.2222486>

The same number of submissions have been made to the 2024 survey, as in 2023. This

issue, Vol. 104, covering the 2023 crop season, is expected to be published online in August 2024.

Since we began publishing as an annual supplement to the CJPP in 2019, each issue of the CPDS has averaged about 2500 views per year for the first two years, gradually tapering off to 500-1000 views in subsequent years. As of the time of this report, the 2023 issue has had 2800 views and the 2022 issue, 4387 views. In 2023, the CPS Board negotiated a new contract with Taylor & Francis. Starting in 2024, the CPDS will continue to be published once a year on a “Gold Open Access” basis, at no charge to the society.

For the last two years, with the help of an experienced publication editor at Taylor and Francis, we have achieved a publication date in July-August. Each spring, the Oilseed and Pulse section is sent separately to users by the National Editor so that timely information on diseases can be shared and utilized by the industry.

Editorial Updates:

- In December 2023, the CPS hired a new Compiler for the CPDS. Meghan Masson is an experienced writer and editor in Quesnel, BC, with a background in horticulture and pest management research. We welcome Meghan to the team and are confident that she will do a great job.
- A huge thank you to Deidre Wasilyw from Saskatchewan, who has been the Compiler of the CPDS for 13 years, from 2010-11 to 2022-23. Deidre started compiling the CPDS as a lab technician for Robin Morrall, and kindly agreed to continue when I became Editor in 2016. She helped shepherd me and the CPDS through the many changes needed to publish with the CJPP and T & F, and I have greatly appreciated her help and advice over the years.
- I would like to thank Vippen Joshi for her three years of service as Section Editor for Diagnostic Lab reports from 2020-21 to 2022-23. Vippen retired from BCMAF in October. We wish her all the best in her retirement! Manika Pradhan from Manitoba kindly offered to step in as Section Editor in 2024 and has agreed to continue in this role.
- The position of Section Editor for Vegetable crops has been vacant since September 2022. If you have experience with vegetable and potato diseases and are considering volunteering, please contact me. Usually, there are only two or three reports a year and each is only one or two pages, so it is not a very time-consuming job.

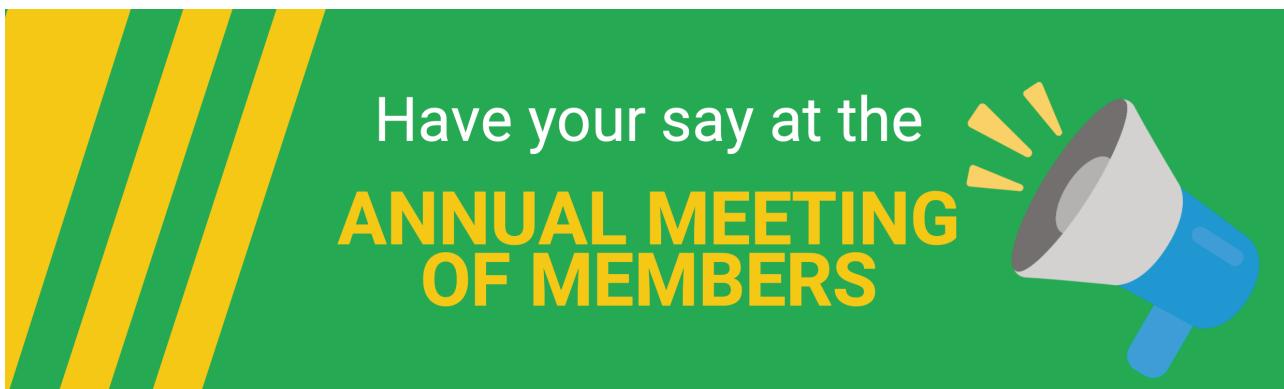
Many thanks, as always, to our authors, compiler, section editors, and the hard-working production editors and typesetters at Taylor and Francis, who help to ensure that the CPDS continues to be an important and relevant publication for plant disease management in Canada.

Respectfully submitted by:

Dr. Janice Elmhirst,
National Editor, Canadian Plant Disease Survey
May 30, 2024



Call for Agenda Items: 2024 CPS Annual Meeting of Members



The Annual Meeting of Members (AMOM) will be hosted at Plant Canada 2024. The AMOM is your chance to connect with the Board of Directors and vote on motions within the Society. Please contact the membership secretary, Sara Stricker, at CPS.Member.Sec@gmail.com if you have items to add to the agenda including (but not limited to):

- **In Memoriam** - We will take a moment of silence for deceased CPS members. If you can also provide an obituary and/or photo, this will be included on a slideshow during the AMOM.
- **Letters of Congratulations / Acknowledgement** - Let us know if you think someone is deserving of acknowledgement of the Society. According to *By-Law 25 I. O*, this includes administrative Officers of host institution for the annual meeting, participants at Society functions, and outgoing Chairs of Standing, Subject Matter and Ad Hoc Committees. Please include 1–3 sentences to justify a letter of Congratulations or Acknowledgement.
- **Suggest Future Meeting Locations** - If you are interested in hosting the Annual CPS Meeting in 2026, please state your intended location and rationale and this will be discussed at the AMOM.
- **Edits to Bylaws** – The Board of Directors has been working to improve and clarify the CPS Bylaws. The proposed amendments will be provided via email to the members prior to the AMOM and be voted on by the members present at the meeting.

When: July 8, 2024 at 11:30 am

Where: Plant Canada meeting, Winnipeg, MB, room TBD

Note: This meeting is entirely held in person, and virtual options are unfortunately not available.

Please plan to attend the AMOM if you are attending Plant Canada 2024



The Canadian Phytopathological Society Best Educational Video Awards 2024

Eligibility

All graduate students, undergraduate students, research technicians, and post-doctoral fellows conducting their research in plant sciences/plant pathology at a Canadian institution are eligible for the awards. However, preference may be given to CPS members. All videos will be viewable during the 2024 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 no longer than 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 Canadian Phytopathological Society's website and social media channels. Additionally, permission will be granted to share this video with educational institutes worldwide. You retain the right to post and share your own video on your own social media channels.

Deadline

11:59 PM ET, July 5, 2024

How to submit your video?

Email your video (.MOV, .MPEG4, .MP4, or .AVI) and the following application form to CPS.Education.Committee@gmail.com. If the size of your file is too large to submit by email, please email this address for further instructions about how to submit.

Awards

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

All entries will be judged by the CPS Education Committee.

The awards will be presented at the Awards Ceremony during the 2024 Plant Canada Meeting in Winnipeg.

Societe Canadienne de Phytopathologie 2024 Prix de les meilleure vidéos éducative

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 qui travaille ou étudie dans un établissement canadien sont éligibles. Toutefois, la préférence peut être donnée aux membres de la SCP. Toutes les vidéos seront diffusées lors du l'assemblée annuelle de la SCP en 2024 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 ne doit pas durer plus de 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. Vous conservez le droit de publier et de partager votre vidéo sur vos propres canaux de médias sociaux.

Date limite

23:59 ET, 5 juillet, 2024

Comment soumettre votre vidéo?

Envoyez votre vidéo (.MOV, .MPEG4, .MP4 ou .AVI) et le formulaire de demande suivant à CPS.Education.Committee@gmail.com. Si la taille du fichier de votre vidéo est trop grand pour être envoyée par e-mail, veuillez envoyer un e-mail à cette adresse pour obtenir des instructions supplémentaires sur la manière de soumettre.

Prix

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

Toutes les inscriptions seront jugées par le comité d'éducation de la SCP.

Les prix sera présenté à la cérémonie de remise lors de la réunion de 2024 de Plant Canada en Winnipeg.

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 Canadian Phytopathological Society's website and social media channels. Additionally, permission will be granted to share this video with educational institutes worldwide. You retain the right to post and share your own video on your own social media channels.

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 Photography and Image Awards 2024

Eligibility

All students and professionals within the fields of plant sciences and plant pathology are eligible for the awards. However, preference may be given to CPS members. All photos will be posted on the society's web page and social media channels.

Rules

- 1 The image 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
 - Art in plant pathology
- 2 The image must be accompanied with a description, which should include plant and/or pathogen names.
- 3 Participants may submit photos to multiple categories (one image per category). Participants will be limited to a maximum of one award each.
- 4 By submitting an image file you indicate your agreement to share the image on the Canadian Phytopathological Society's website and social media channels. Additionally, permission will be granted to share these images with educational institutes worldwide. You retain the right to post and share your own image on your own social media channels.

Deadline:

11:59 PM PT, July 5, 2024

How to submit?

Email your image (.JPEG,.TIFF, .PNG, .BMP) and description to CPS.Education.Committee@gmail.com OR post on Twitter or Instagram with the hashtag #CPSphotos2024. Please clearly identify the submission category and in your email or in the description accompanying your post.

Award

Entries will be judged in each category. All entries will be pre-judged by the CPS Education Committee, and winners from each category will be selected by popular vote during the 2024 Plant Canada Meeting, and award winners will be announced during the awards ceremony.

For each category: First prize: \$75; Second Prize: \$45

Societe Canadienne de Phytopathologie 2024 Prix pour les photos et images

Admissibilité

Tous les professionnels des domaines de la phytologie et de la phytopathologie sont éligibles. Toutefois, la préférence peut être donnée aux membres de la SCP. Toutes les images 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
- L'art 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 (une pour catégorie). Les participants ne seront éligibles que pour un seul prix.

4 En soumettant des images, vous indiquez que vous acceptez de la partager sur le site Web phytopath.ca et les médias sociaux. De plus, l'autorisation sera accordée pour partager ces images avec des établissements d'enseignement mondiale. Vous conservez le droit de publier et de partager votre image sur vos propres canaux de médias sociaux.

Date limite:

23:59 PT, 5 juillet, 2024

Comment soumettre votre photo?

Envoyez votre photo par courrier électronique avec la description à CPS.Education.Committee@gmail.com OU publier sur Twitter ou Instagram avec le hashtag #CPSphotos2024. Veuillez identifier clairement la catégorie de soumission et dans votre e-mail ou dans la description accompagnant votre message.

Prix

Les inscriptions seront jugées dans chaque catégorie par vote populaire lors de la réunion de Plant Canada. Les gagnants seront annoncés à la cérémonie de remise.

Pour chaque categoire: Premier Prix: 75\$; Deuxième Prix: 45\$



Meetings

Save the Date: Plant Canada 2024



Please visit the conference website for updates! A tentative program is now available. We hope that you and your colleagues who work in plant science will join us for this multidisciplinary meeting!

<https://www.plantcanada.ca/eng/meeting.html>



Announcements

Call for Nominations: Plant Canada

I am calling for nominations for the following four office positions: President, Vice President, Secretary, *Treasurer.

Please share this information with your members and inform us by replying to this email if you are interested in any of the positions or would like to nominate someone. We will announce and call for nominations at the Plant Canada Outgoing Board and Annual General Meeting in Winnipeg on July 7, 13:00 to 15:00.

The five office positions of Plant Canada are described below:

Description of Offices - Unless otherwise specified by the Board (which may, subject to the Act modify, restrict or supplement such duties and powers), the offices of Plant Canada, if designated and if Officers are appointed, shall have the following duties and powers associated with their positions:

President - The President of the Corporation will also act as the Chair of the Board. The President may but need not be a Director. He/she shall, when present, preside at all meetings of the Board of Directors and the Members. The President shall have such other duties and powers as the Board may specify.

Vice-President of the Board - The Vice President, if one is to be appointed, shall be a Director. If the President is absent or is nable or refused to act, the Vice-President of the Board, if any, shall, when present, preside at all meetings of the Board of Directors and of the Members. The Vice-President shall have such other duties and powers as the Board may specify.

Secretary - If appointed, the Secretary shall attend and be the Secretary of all Board Meetings and Meetings of Members. The Secretary shall enter or cause to be entered in Plant Canada's minute book, minutes of all proceedings at such meetings; the Secretary shall give, or cause to be give, as and when instructed, notices to Members, Directors, Auditor and Committee Members; the Secretary shall be the custodian of all books, appers, records, documents and other instruments belonging to Plant Cnaada. The Secretary may but need not be a Director.

Treasurer - If appointed, the Treasurer shall have such powers and duties as the Board may specify. The Treasurer may but need not be a Director.

Past-President - The incumbent President shall hold the office of Past-President. The Past President shall be entitled to notice of all meetings of the Board, and have the right to attend and fully participate at such meetings, but shall not have the right to vote.

Note that the only position with a requirement to be on the Board of Directors (i.e., the voting members appointed from each member society or association) is that of Vice President.

*Since our current Treasurer, Teagen Quilichini, was appointed in 2023, I do not think it is sensible or necessary to replace this position at this time. If anyone is interested in this position, however, please let us know for future reference.

Some notes on the procedure for Appointment of Officers:

The By-laws are quite loose about the succession of Officers but the positions of President, Vice-President and Secretary were renewed at the Plant Canada Meeting in 2019. There were no nominations for Treasurer, which is why Gayle Jesperson stayed on until 2023.

According to Bylaw item 20.01, “the Board may designate the offices of Plant Canada, appoint Officers in an annual or more frequent basis, specify their duties and, subject to the Act, delegate to such Officers the power to manage the affairs of Plant Canada. A Director may be appointed to any office of Plant Canada. An Officer may, but need not be, a Director unless these By-laws otherwise provide. Two or more offices may be held by the same person.”

Geoffrey Wasteneys,
President, Plant Canada
Professor and Canada Research Chair in Plant Cell Biology
Department of Botany
The University of British Columbia, Vancouver
Canada



ISTA Seed Pathogen Image Database



THE PLATFORM



A searchable, online image database, with detailed information on pathogen growth influences.



Researchers can submit images to share their knowledge and data with the world. Our team of experts will review them for accuracy before publishing on the website.

WHY CHOOSE US?

This website efficiently bridges the knowledge gap between experts and young scientists. It's accessible to all, accepting image and data submissions from any researcher for free.



www.seedtest.org

www.seedhealthtestimagedb.info

contact@seedhealthtestimagedb.info

To access the website, please go to www.seedhealthtestimagedb.info



STORY

It began with PDA (Potato Dextrose Agar). A manufacturer altered their formulation to cut costs, resulting in significant changes in culture color and morphology despite ostensibly keeping the ingredients and concentrations the same. This prompted an investigation into whether other labs were aware of the potential impacts of manufacturing changes.

VISION

ISTA promotes information sharing, disseminates knowledge, and trains young seed pathologists. However, the current reference images lack crucial details. Prioritising the education of future plant pathologists is essential amid concerns about food security and seed health.

MISSION

We prioritise seed quality through standardised testing in any accredited lab to ensure consistent results. Comprehensive training encompassing all factors influencing pathogen growth in the lab is essential. Our experts will review the images you submit, fostering shared knowledge and mutual benefits.

People

Congratulations to Haitian Yu!

Congratulations to Haitian Yu for successfully defending her Ph.D. thesis at the University of Alberta on March 25, 2024. Her thesis was entitled “*Fusarium* root rot of canola (*Brassica napus*): Occurrence, pathogenicity and yield losses in Alberta, Canada”. Also congratulations on winning the 2024 Faculty of Agricultural, Life & Environmental Sciences Graduate Student Ph.D. Thesis Award!

Haitian completed a M.Sc. at the Yunnan Agricultural University in 2014 and served as an Assistant Plant Breeder at the Yunnan Academy of Agricultural Science (YAAS), in Kunming, Yunnan Province, China. In 2018, she was sponsored by YAAS to spend 6 months in the Plant Pathology Lab at U of A to learn about root pathogens of pulse crops. In 2019, she decided to continue her research by pursuing a doctorate at the U of A under the co-supervision of Drs. Stephen Strelkov and Sheau-Fang Hwang. Haitian is currently working as a Postdoctoral Fellow, conducting genetic studies of root rot diseases of pea for six months. She plans to return to YAAS in September as a Research Scientist, focusing on breeding for disease resistance and yield in pulse crops.

Submitted by Stephen Strelkov and Sheau-Fang Hwang



Haitian Yu (second left) pictured with her Supervisory Committee, Stephen Strelkov (first left), Sheau-Fang Hwang (second right), and Rudolph Fredua-Agyeman (first right). Congratulations to Haitian on defending her Ph.D. and on starting her new job as a Postdoctoral Fellow at the University of Alberta.



Congratulations to Ji Cui!

Congratulations to Ji Cui on the successful defense of her M.Sc. thesis at the University of Alberta on March 27, 2024. Her thesis was entitled “Improving *Verticillium longisporum* inoculation protocols and quantifying canola yield losses”. Ji was co-supervised by Drs. Stephen Strelkov and Sheau-Fang Hwang. She had previously obtained a B.Sc. in Environmental and Conservation Sciences at the U of A.

She is currently working as a Plant Pathologist at Terramera in Vancouver, where she manages diseases in greenhouse crops.

Submitted by Stephen Strelkov and Sheau-Fang Hwang

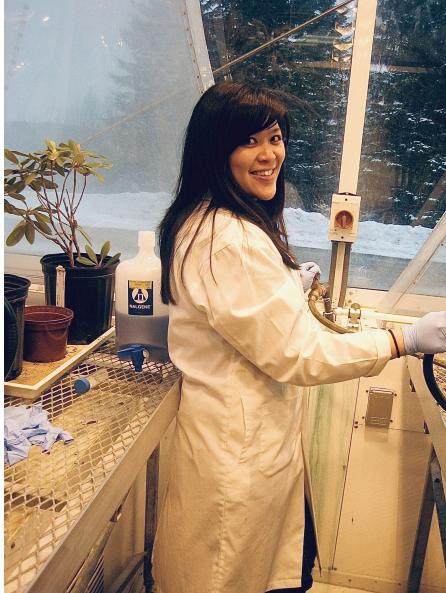


Ji Cui (center) pictured with her co-supervisors, Stephen Strelkov (first left), and Sheau-Fang Hwang (first right). Congratulations to Ji Cui on defending her M.Sc.



Young Scientists' Corner

Amanda Seto
Trent University



Amanda at work

They say that life is not linear but more of a meandering path. On this path, we encounter opportunities and meetings that can impact or change the trajectory of our lives. My scientific journey has been quite the meandering path. I graduated with a B.Sc. (Hons) in Biology at Trent University and took time off before deciding to pursue my M.Sc. It was a chance meeting with Dr. Barry Saville through our mutual friend Dr. Tom Phillips that started my graduate school journey. During that meeting, I was introduced to the world of plant pathology and fungal pathogens. At the time, I was unaware of the impact fungi have on plants and the diseases they cause as I came from a wildlife genetics background. Dr. Saville introduced me to *Ustilago maydis* and the disease it causes, the common smut of corn. *U. maydis* is listed as one of the top ten fungal pathogens in molecular biology for its scientific importance as a model organism for studying plant-pathogen interactions. A unique aspect of this fungus is that it is not

only scientifically important, but the infected ears of corn are a delicacy called huitlacoche in Mexican dishes.

I decided to continue down this path and pursued my M.Sc. with Dr. Saville. My research involved developing a method for isolating distinct stages of germination for gene transcript analysis. This allowed me to gain experience in molecular biology techniques that I did not learn during my undergraduate degree. By the end of my M.Sc., I had realized that little is known about the molecular aspects that occur during the transition from fungal spore dormancy to germination. As with any great meandering journey, I didn't immediately pursue a Ph.D. I remained in Dr. Saville's laboratory as his Research Technician where I managed the lab and the daily field operations of the Huitlacoche Project. The Huitlacoche Project involved field and greenhouse experiments to determine the best Ontario *U. maydis* strains that yielded the most huitlacoche for niche food markets. This was a collaborative effort between Trent University, the culinary department at Fleming College, and the local Mexican restaurant La Hacienda. Our collaborators developed recipes and offered food tastings with our huitlacoche. At the end of that project, my focus shifted to pursuing a Ph.D. as I continued to wonder what molecular mechanisms occur once a dormant spore begins to germinate. My Ph.D. research focuses on identifying and investigating the role *U. maydis* RNA helicases have during teliospore dormancy and germination. My research has allowed me to learn new molecular biology skills and apply my current scientific skills.

Outside of research, I am passionate about teaching and encouraging young scientists. I volunteer as a science fair judge for the Peterborough Regional Science Fair as I enjoy the

enthusiasm and passion of these young scientists. I have also been a mentor to several of our 4th year undergraduate thesis students. I would like to continue my career as a plant pathologist and am interested in projects that involve understanding the mechanisms controlling spore dormancy and germination.



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 54 (5) May 2024

- International Day of Plant Health, 12 May
- Research paper on Africa's 'forgotten' foods wins prestigious Cozzarelli Prize in Washington, DC
- Wild plants face viral surprise
- Achieving sustainable cultivation of bananas – Volume 3: Diseases and Pests. New book
- Genetic hope in fight against devastating wheat disease
- Why a strategic shift in action is needed to recognise and empower Indigenous plant pathology knowledge and research
- Sugar transporters spatially organize microbiota colonization along the longitudinal root axis
- Women in plant disease management

- Researchers find new wheat disease in Colorado, USA
- Maize genes control little helpers in the soil
- Current Vacancies
- Acknowledgements
- Coming Events
- Teaching plant pathology: a forty-five year long journey
- More on toxic academia: does investing time in outreach, mentoring and community activities matter?
- Effects of climate change on plant pathogens and host-pathogen interactions
- Feature engineering to identify plant diseases using image processing and artificial intelligence
- Researchers identify microbes that help plants thwart parasite
- Current Vacancies
- Acknowledgements
- Coming Events

ISPP Newsletter 54 (6) June 2024

- ICPP2023 videos now available
- How can our behaviours affect the waste of fresh fruit and vegetables?
- The world's most powerful anti-fungal chemistries cause fungal pathogens to self-destruct
- Obituary of Diana H. Wall, 1943-2024



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 September 2024 Issue of CPS-SCP News

PLEASE NOTE: The submission deadline for the September 2024 issue of CPS-SCP News is **August 30, 2024**. 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. When possible, please send photos as separate attachments, rather than embedding them in Word or PDF files.

