

CPS • SCP News



CANADIAN PHYTOPATHOLOGICAL SOCIETY • SOCIÉTÉ CANADIENNE DE PHYTOPATHOLOGIE

VOL. 63, NO. 3

<http://phytopath.ca>

September 2019

President's Message



Barry Saville
CPS-SCP President/président

Dear CPS Members,

I am honored and feel privileged to be the 90th president of CPS, especially coming into 2020 which the United Nations General Assembly has declared the International Year of Plant Health (IYPH). This declaration is intended to “raise global awareness on how protecting plant health can help end hunger, reduce poverty, protect the environment, and boost economic development.” I have communicated with the CPS 2020 LAC chair Jose Ramon Urbez-Torres with the hope that they might be able to schedule a special session to commemorate IYPH at this year's CPS

Inside this issue:

President's Message	43
Message du président	45
Minutes from CPS 2019	46
Appendices	50
Ébauche du SCP 2019	53
Annexes	57
Recognition of the Outgoing Board and Members	60
Awards	
Awards Committee Report	61
Meetings	
Photos from Plant Canada 2019	71
Announcements	
2020 CPDS: Call for Reports	78
CPS 2020	81
Travel Award for 2019 Plant Science Symposium	82
Karl C. Ivarson Agricultural Scholarship	83
People	
A Visit with Dr. Blair MacNeill	84
Dr. Fernando Honoured by APS	85
Welcome to Dr. Sheau-Fang Hwang!	86
Dr. Fernando Recognized at Asian PGPR Conference	87
Young Scientists' Corner	88
Publications	
ISPP	89
ESC	90
Contact the Editors	92

meeting at the Penticton Lakeside Resort in BC, June 20-24th. Once a schedule has been set by the LAC, it will be posted on the CPS website. Apart from the annual meeting I am looking forward to working with the Board to implement the excellent initiatives from last year's board and to build on these with an eye toward good governance and finding ways to raise awareness of plant pathology.

The key vehicle for communication by CPS is our Journal and we have been lucky to have had the commitment of Zamir Punja

(past editor-in-chief) to usher CJPP forward. Now Stephen Strelkov has stepped up as the new editor in chief, and we have implemented a new editorial board structure which we hope will reduce the workload of individual editors. Steve has already worked with the new editors to put together the next issue of CJPP. I want to thank Steve for taking on this role and I look forward to working with him and reading the coming issues of CJPP. A related issue that the Board has been working on is the possibility of transitioning CJPP to an open access journal. The board will be sending out a summary document, including the implications to CPS, of the Taylor and

Francis open access proposal. Our goal will be to inform members before asking for a vote on the proposal. This will be a major decision for CPS. It has been thoroughly debated by the board and we look forward to sharing the information we have so that we can move forward with the CJPP structure we have now or adopt an all open access format. In either case, keep the submissions up so we can communicate our research and build the CJPP profile.

“...I want to ask that you each think about ways to increase awareness of protecting plant health.”

In closing my first letter I want to ask that you each think about ways to increase

awareness of protecting plant health. We all know that the plant pathologists before us battled against new and existing disease-causing organisms. Now it is our turn, to continue research efforts and training enabling us and the next generation of plant pathologists to help secure the global food supply and protect the environment.

Until the next letter, all the very best.

Barry Saville

Associate Professor,
Interim Director of the Master of Science Forensic Science Program, Trent University,
President of the Canadian Phytopathological Society



Message du président

Chers membres de la SCP,

Je suis honoré et me considère privilégié d'être le 90e président de la Société canadienne de phytopathologie, et tout particulièrement à l'approche de 2020 que l'Assemblée générale des Nations Unies a déclarée Année internationale de la santé des végétaux (AISV). Cette déclaration vise à « sensibiliser l'opinion publique à la manière dont la protection de la santé des plantes contribue à éliminer la faim, à réduire la pauvreté, à préserver l'environnement et à doper la croissance économique. »

J'ai communiqué avec le président du comité organisateur local pour

2020, Jose Ramon Urbez-Torres, dans l'espoir qu'ils seront en mesure de prévoir une séance spéciale dans le cadre de la réunion annuelle, qui se tiendra au Penticton Lakeside Resort, en Colombie-Britannique du 20 au 24 juin, pour célébrer l'AISV. Dès que le comité organisateur aura établi l'horaire, il sera affiché sur le site Web de la SCP. Réunion annuelle mise à part, j'ai hâte de travailler avec le conseil afin de mettre en œuvre les excellentes initiatives du précédent conseil et de construire sur ces assises, tout en surveillant la bonne gestion des affaires et en concevant des façons de promouvoir la phytopathologie.

L'outil de communication essentiel de la SCP est sa revue, et nous avons été chanceux d'avoir pu profiter de l'engagement indéfectible de Zamir Punja (rédacteur en chef précédent) qui a propulsé

la Revue canadienne de phytopathologie à l'avant-scène. Maintenant, c'est Steve Strelkov qui assume le rôle de rédacteur en chef, et nous avons mis sur pied une nouvelle structure éditoriale qui, nous l'espérons, réduira la charge de travail des rédacteurs. Steve a déjà travaillé avec les nouveaux rédacteurs afin de produire le prochain numéro de la RCP. Un sujet connexe sur lequel le conseil travaille depuis un moment est la possibilité de faire de la RCP une revue en libre accès. Le conseil présentera un document de synthèse, y compris les implications pour la SCP, de la

proposition de libre accès de Taylor & Francis. Notre but sera d'informer nos membres avant de leur

demander de voter sur la proposition. Cela constituera une décision majeure pour la SCP. Le conseil en a débattu longuement et nous avons hâte de vous transmettre l'information que nous possédons afin que nous puissions aller de l'avant avec la structure actuelle de la RCP ou procéder avec le format en libre accès. Peu importe le cas, continuez à soumettre vos articles afin que nous puissions transmettre nos recherches et continuer de bâtir le profil de la RCP.

En terminant cette première lettre, je veux demander à chacun de vous de penser à des façons de sensibiliser l'opinion publique à la protection de la santé des végétaux. Nous savons tous que les phytopathologistes qui nous ont précédés se sont battus contre des organismes, connus et nouveaux, causant des maladies.

C'est maintenant à notre tour de poursuivre les efforts de recherche et de formation qui nous aideront, ainsi que la génération montante de phytopathologistes, à assurer l'approvisionnement alimentaire mondial et à protéger l'environnement.

D'ici à la prochaine lettre, amicalement!
Barry Saville

Professeur agrégé
Directeur par intérim du Programme de maîtrise en sciences, criminalistique, Université Trent
Président de la Société canadienne de phytopathologie



Minutes from the 90th Annual Meeting of Members Canadian Phytopathological Society/ La Société canadienne de phytopathologie

Delta Marriott, Guelph, Tuesday, July 9, 2019
11:15-13:00

1. Welcome remarks from the President (Dilantha Fernando)
Meeting started at 11:30
2. Determination of a Quorum (Dilantha Fernando), 44 members present
3. Moment of Silence for deceased members in 2018-2019 (Dilantha Fernando)
A. Robin Morrall
B. Claude Bernier
C. call out for others? No additional
4. Approval of the 90th Annual Meeting of Members, 2019 agenda (Dilantha Fernando).
Motion: to adopt the agenda as circulated
Moved by Barry Saville, Deena Errampalli 2nd, carried.
5. Approval of Minutes from the 89th AGM in Quebec City, Quebec, June 17, 2018 (CPS News September 2018) (Dilantha Fernando).
Motion: to approve the minutes of the 89th meeting as published in CPS newsletter
Moved by Jim Menzies, 2nd by Ken Conn, carried.

6. President's Report (Dilantha Fernando)
Enjoyed being President, going to regional meetings, meeting technicians, undergrad students, scientists. Very active, vibrant society. Started with signing of MOU with APS at ICPP, also sponsored Glenn Anderson lecture at ICPP. Restructuring of CJPP editorial board. New EIC Stephen Strelkov, thanks to Zamir Punja for serving as EIC for 19 years. Thanks to Taylor & Francis and Hennie Thompson for seamless transition. Thanked those that serve as editors and reviewers for CJPP. Open Access fees for publications, should we publish CJPP as Open Access only? Want membership feedback on this, will be posted on next CPS Newsletter. CPDS celebrating 100 years of publication, thanked Janice Elmhirst and reviewers for their efforts. CPDS is now published as Open Access as a complimentary edition to CJPP. CPS website improvements, thanks to Michael Holtz for his great work as website editor. CPS members, have 52 new members. Encourage all students to become members. BSPP exchange program for speakers, Dr. Diane Saunders from John Innes will give presentation tomorrow. CPS Board and committees have done a wonderful job, thanks to all those that serve in this capacity. CPS 90th anniversary Awards banquet is at Delta hotel at 7:00.
7. Treasurer's Report and Financial Statement (Ken Conn)
Financial Statement presented by Ken Conn, Motion by Ken Conn to accept the treasurer report for 2018, 2nd by Vikram Bisht, comments made about maintaining the profit we currently have in publishing with Taylor & Francis, comments about investments, getting ready for 100th anniversary, carried Auditor's Report 2018. Appointment of Auditor for 2019, **Motion** by Ken Conn to appoint BDO (same auditor as 2018) for 2019 Auditor, 2nd by Barry Saville, carried
8. Report of the Financial Advisory Committee (Denis Gaudet)
FAC met on July 6th, 2019 in Delta Guelph hotel from 6:00 to 9:30 PM. The FAC report will be published in September Newsletter. Will publish new version of DFCC, greenhouse, vegetable crops. Open to new ideas, videos, ways to publish within society. Thanks to new board members for their input. **Motion** by Denis Gaudet to adopt the FAC report as presented, 2nd by Guillaume Bilodeau, carried.
9. Approval of annual reports from committees and representatives published in CPS News June 2019:
Committee reports were published in the June issue of CPS newsletter as follows: Canadian Plant Disease Survey, Information Products Marketing, Nomination committee, CPS newsletter committee, and Historical resources committee. **Motion** to approve these reports as published made by Vikram Bisht, 2nd by Bruce Gossen, carried.
10. Update from Taylor & Francis (Hennie Thompson):

Want to ensure that CJPP is recognized as an internationally-recognized journal. Discussing Open Access, helping new editorial team. Encouraging more submissions. Supports CPS via Taylor & Francis student travel award.

11. Resolutions Committee (Reem Aboukhaddour):
Thanks to Plant Canada and Deena Errampalli for organizing the 2019 conference.
12. Bylaw change (Dilantha Fernando and Tom Fetch):
A proposed amendment to By-Law 31, Section 2 concerning the CJPP journal editorial committee was announced in the June 2019 CPS Newsletter. The change was to delete Section Editors and replace with Senior and Associate editors to help the Editor-in Chief delegate much of the initial work in reviewing manuscripts upon receiving the submissions. Tom Fetch explained the proposed change to the audience.
Motion: to approve the amendment to By-Law 31 by Barry Saville, 2nd by Ken Conn, carried
13. Nominating Committee Report (Denis Gaudet):
Was published in June issue of CPS Newsletter. Thanks to all that serve on CPS committees. Nominations were:
Vice President Sheau-Fang Hwang,
Junior Director Syama Chatterton,
Awards committee Tom Hsiang,
Nominating committee Xhehua Zhang,
CPS website committee Assistant Chair Gurcharn Brar.
14. Election of Board of Directors, Secretary, and new Members on Standing and Subject Matter Committees for 2019-2020 :
New Vice President Sheau-Fang Hwang,
Junior Director Syama Chatterton,
Re-appointment of Tom Fetch as Secretary;
Motion: the CPS membership elects the nominees as described in the Nominating Committee report in the June 2019 CPS Newsletter
Moved by Denis Gaudet, 2nd by Deena Errampalli, carried
15. Installation of new members on Standing and Subject Matter Committees (Dilantha Fernando)
President Fernando installed the newly elected members and asked those present to stand up and formally recognize who they are.
16. Installation of new CPS Board Members for 2019-20 (Dilantha Fernando)
Dilantha Fernando installed the new Board of Directors for 2019-2020, and presented Barry Saville, incoming President, with the CPS gavel.
Dilantha Fernando installed the 2018-19 CPS Board of Directors as follows:
President: Barry Saville

President-Elect: Lone Buchwald
Vice President: Sheau-Fang Hwang
Past President: Dilantha Fernando
Secretary: Tom Fetch
Treasurer: Kenneth Conn
Membership Secretary: Vikram Bisht
Senior Director-at-Large: Phillippe Tanguay
Junior Director-at-Large: Syama Chatterton
CJPP Editor-in-Chief: Steven Strelkov

17. Remarks from Incoming President (Barry Saville),
Also presented Dilantha Fernando with plaque for service as CPS President.
18. Adjournment of 90th AMOM by Jim Menzies at 12:50 PM



Appendix - CPS Financial Statements for Year End Dec. 31, 2018 /Auditor's Report

	December 31 2018					December 31 2017 <i>(restated - Note 4)</i>	
	General Fund	BSPA Fund	GAA Fund	GSTA Fund	ORA Fund	OYSA Fund	Total
ASSETS							
CURRENT							
Cash	\$ 62,492	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 62,492
Investments <i>(Note 5)</i>	389,394	7,021	28,170	9,590	10,755	6,884	451,814
Accounts receivable	24,878	-	-	-	-	-	24,878
Inventory <i>(Note 6)</i>	19,191	-	-	-	-	-	19,191
HST rebate recoverable	3,395	-	-	-	-	-	3,395
Prepaid expenses	4,217	-	-	-	-	-	4,217
	503,567	7,021	28,170	9,590	10,755	6,884	565,987
Investments <i>(Note 5)</i>	-	16,902	-	23,085	25,888	16,572	82,447
	\$ 503,567	\$ 23,923	\$ 28,170	\$ 32,675	\$ 36,643	\$ 23,456	\$ 648,434
LIABILITIES							
CURRENT							
Accounts payable and accrued liabilities	\$ 8,198	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,198
Deferred revenue	17,105	-	-	-	-	-	17,105
Interfund payable (receivable)	(16,617)	1,866	7,411	2,584	2,929	1,827	-
	8,686	1,866	7,411	2,584	2,929	1,827	25,303
FUND BALANCES							
General Fund	494,881	-	-	-	-	-	494,881
Restricted Funds	-	22,057	20,759	30,091	33,714	21,629	128,250
	494,881	22,057	20,759	30,091	33,714	21,629	623,131
	\$ 503,567	\$ 23,923	\$ 28,170	\$ 32,675	\$ 36,643	\$ 23,456	\$ 648,434
COMMITMENTS (Note 7)							
ON BEHALF OF THE BOARD:							
		Director				Director	

The Canadian Phytopathological Society Inc.
Statement of Operations and Changes in Fund Balances
For the Year Ended December 31, 2018

	December 31 2018					December 31 2017 <i>(restated - Note 4)</i>	
	General Fund	BSPA Fund	GAA Fund	GSTA Fund	ORA Fund	OYSA Fund	Total
REVENUE							
Annual national meeting	\$ 84,444	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 84,444
Canadian Journal of Plant Pathology (Schedule 1)	81,908	-	-	-	-	-	81,908
Membership dues	16,745	-	-	-	-	-	16,745
Information products (Schedule 2)	12,946	-	-	-	-	-	12,946
Donations	550	1,071	225	580	20	295	2,741
Investment income (loss) (Note 5)	(18,784)	485	1,668	663	743	475	(14,750)
Regional meetings	6,159	-	-	-	-	-	6,159
	183,968	1,556	1,893	1,243	763	770	190,193
							235,692
EXPENDITURES							
Annual national meeting	75,653	-	-	-	-	-	75,653
Canadian Journal of Plant Pathology (Schedule 1)	26,599	-	-	-	-	-	26,599
Travel	20,643	-	-	-	-	-	20,643
National awards	6,930	3,400	3,443	2,000	-	-	15,773
National office and general	18,433	-	-	-	-	-	18,433
Professional fees	8,814	-	-	-	-	-	8,814
Information products (Schedule 2)	8,503	-	-	-	-	-	8,503
Newsletter and website	1,592	-	-	-	-	-	1,592
Regional meetings	5,395	-	-	-	-	-	5,395
Regional awards	1,250	-	-	-	-	-	1,250
Regional office and general	310	-	-	-	-	-	310
	174,122	3,400	3,443	2,000	-	-	182,965
							206,227
EXCESS OF REVENUE OVER EXPENDITURES FOR THE YEAR	9,846	(1,844)	(1,550)	(757)	763	770	7,228
FUND BALANCES - BEGINNING OF YEAR	485,035	23,901	22,309	30,848	32,951	20,859	615,903
FUND BALANCES - END OF YEAR	\$ 494,881	\$ 22,057	\$ 20,759	\$ 30,091	\$ 33,714	\$ 21,629	\$ 623,131
							\$ 615,903

**Statement of Operations and Changes in Fund Balances (p. 4,
2018 Auditor's Report)**

THE CANADIAN PHYTOPATHOLOGICAL SOCIETY INC.**Canadian Journal of Plant Pathology***(Schedule 1)***Year Ended December 31, 2018**

	2018	2017
REVENUE		
Author page charges	\$ 32,967	\$ 24,638
Royalties	32,428	25,485
Publisher support	9,093	9,048
Journal fees from members	7,420	7,455
	81,908	66,626
EXPENDITURES		
Editing and publishing	11,650	12,189
Editor office	9,500	9,500
Translation	5,449	4,955
Bad debts (recovery)	-	(770)
	26,599	25,874
	\$ 55,309	\$ 40,752

**Canadian Journal of Plant Pathology Revenue (P. 12, 2018
Auditor's Report)**

THE CANADIAN PHYTOPATHOLOGICAL SOCIETY INC.**Information Products***(Schedule 2)***Year Ended December 31, 2018**

	2018	2017
REVENUE		
DFCC sales	\$ 12,250	\$ 7,632
MGCC sales	696	899
	12,946	8,531
EXPENDITURES		
DFCC costs	7,208	4,940
CPDS costs	1,295	1,271
	8,503	6,211
	\$ 4,443	\$ 2,320

Information Products Revenue (p. 13, 201 Auditor's Report)



Ébauche du compte rendu de la 89e réunion annuelle des membres de la Société canadienne de phytopathologie/ Canadian Phytopathological Society

Delta Marriott Guelph, mardi 9 juillet 2019
11 h 15 à 13 h

1. Mot de bienvenue du président (Dilantha Fernando)
L'assemblée a débuté à 11 h 30.
2. Établissement du quorum (Dilantha Fernando), 44 membres étaient présents.
3. Moment de silence à la mémoire des membres décédés en 2018-2019 (Dilantha Fernando)
 - A. Robin Morrall
 - B. Claude Bernier
 - C. Autres? Aucun autre
4. Adoption de l'ordre du jour de la 90e assemblée annuelle des membres (2019) (Dilantha Fernando)
Motion : approuver sans modification l'ordre du jour
Proposée par Barry Saville, appuyée par Deena Errampalli, adoptée
5. Adoption du compte rendu de la 89e AGAM tenue à Québec, Québec, le 17 juin 2018 (CPS/SCP News de septembre 2018) (Dilantha Fernando)
Motion : approuver le compte rendu de la 89e assemblée tel qu'il a été publié dans le CPS/SCP News
Proposée par Jim Menzies, appuyée par Ken Conn, adoptée
6. Rapport du président (Dilantha Fernando)
Je suis ravi d'être président et d'assister aux réunions régionales, de rencontrer les techniciens, les étudiants de premier cycle, les scientifiques. Société très active, dynamique. Débuté avec la signature du PE avec la SAP à l'ISPP, aussi commandité la conférence Glenn Anderson à l'ISPP. Restructuration du comité de rédaction de la RCP. Nouveau rédacteur en chef Steven Strelkov; remerciements à Zamir Punja pour ses services en tant que rédacteur en chef pendant 19 ans. Remerciements à Taylor & Francis et à Hennie Thompson pour transition harmonieuse. Remerciements à ceux qui ont travaillé comme rédacteurs et réviseurs à la RCP. Frais de libre accès pour les publications; devrions-nous publier la RCP en libre accès seulement? Besoin de la rétroaction des membres sur le sujet : paraîtra dans le prochain bulletin de la SCP. L'IMPC célèbre 100 ans de publication : merci à Janice Elmhirst et aux réviseurs pour leur travail. L'IMPC est maintenant publié en libre accès en tant qu'édition complémentaire de la RCP. Améliorations du site Web de la SCP, merci à Michael

Holtz pour son fabuleux travail en tant qu'éditeur du site. La SCP compte 52 nouveaux membres. Encouragements à tous les étudiants à devenir membres. Programme d'échange de conférenciers avec la SBP : Diane Saunders, du Centre John Innes, fera la présentation demain. Le conseil de la SCP et les comités ont fait un travail formidable, merci à tous ceux qui y siègent. Le banquet de la remise des prix du 90e anniversaire se tient à l'Hôtel Delta à 19 h.

7. Rapport du trésorier et état financier (Ken Conn)
État financier présenté par Ken Conn, Motion proposée par Kenn Conn : approuver le rapport du trésorier pour 2018, appuyée par Vikram Bisht; commentaires faits relativement aux profits actuellement réalisés depuis notre association avec Francis & Taylor; commentaires sur les investissements; préparation pour le 100e anniversaire, adoptée Rapport de l'auditeur 2018 Désignation de l'auditeur pour 2019,
Motion proposée par Ken Conn : affecter BDO (même auditeur qu'en 2018) pour 2019, appuyée par Barry Saville, adoptée
8. Rapport du comité consultatif des finances (Denis Gaudet)
Le CCF s'est réuni le 6 juillet 2019 à l'Hôtel Delta de Guelph, de 18 h à 21 h 30. Le rapport du CCF sera publié dans le bulletin de septembre. Publication de la nouvelle version de MGCC, culture en serre, cultures légumières. Ouvert à de nouvelles idées, vidéos : façons de publier au sein de la Société. Merci aux nouveaux membres du conseil pour leurs contributions.
Motion proposée par Denis Gaudet : adopter le rapport du CCF comme présenté, appuyée par Guillaume Bilodeau, adoptée
9. Approbation des rapports annuels des comités et des représentants publiés dans le numéro de juin du CPS/SCP News : Les rapports de comités ont été publiés dans le numéro de juin du bulletin de la SCP comme suit : Enquête phytosanitaire nationale, mise en marché des produits d'information, comité des candidatures, comité du bulletin de la SCP et comité des ressources historiques. Motion proposée par Vikram Bisht, pour approuver ces rapports comme publiés, appuyée par Bruce Gossen, adoptée.
10. Mise à jour en provenance de Taylor & Francis (Hennie Thompson) : veut s'assurer que la RCP est reconnue internationalement. Discussion sur le libre accès, aide offerte à la nouvelle équipe éditoriale. Encourager de plus nombreuses soumissions. T & F appuie la SCP avec sa bourse de voyage pour étudiants.
11. Comité des résolutions (Reem Aboukhaddour) : Merci à Plant Canada et à Deena Errampalli pour l'organisation de la conférence de 2019.
12. Modification aux règlements Dilantha F./Tom Fetch : Un amendement proposé à la section 2 du règlement 31 concernant le comité éditorial de la RCP a été

annoncé dans le numéro de juin du bulletin de la SCP. Le changement concernait la suppression des rédacteurs de sections et leur remplacement par des rédacteurs en chef et des rédacteurs adjoints pour aider le rédacteur en chef de la Revue à déléguer la plus grande partie du travail initial relatif à la révision des manuscrits lors de leur réception. Tom Fetch a expliqué aux membres présents le changement proposé.

Motion proposée par Barry Saville visant à approuver l'amendement au règlement 31, appuyée par Ken Conn, adoptée

13. Rapport du comité des candidatures (Denis Gaudet) : a été publié dans le numéro de juin du bulletin de la SCP, merci à tous les membres des comités de la SCP. Les candidatures étaient :
Sheau-Fang Hwang, vice-président,
Syama Chatterton, directrice adjointe non désignée,
Tom Hsiang, comité des prix,
Xhehua Zhang, comité des candidatures,
Gurcharn Brar, directeur adjoint du comité du site Web de la SCP.
14. Élection du conseil des directeurs, du secrétaire et des nouveaux membres des comités permanents et des comités d'experts pour 2019-2020 :
Nouveau vice-président, Sheau-Fang Hwang
Nouvelle directrice adjointe non désignée, Syama Chatterton
Renouvellement du mandat de secrétaire, Tom Fetch;
Motion proposée par Denis Gaudet : les membres de la SCP ont élu les candidats, comme cela a été décrit dans le rapport du comité des candidatures publié dans le numéro de juin du bulletin de la SCP, appuyée par Deena Errampalli, adoptée
15. Installation des nouveaux membres des comités permanents et des comités d'experts (Dilantha Fernando). Le président Fernando a installé les membres nouvellement élus et a demandé à ceux présents de bien vouloir se lever et de se présenter officiellement.
16. Installation des nouveaux membres du conseil de la SCP pour 2019-2020 (Dilantha Fernando)
Dilantha Fernando a installé les nouveaux membres du conseil pour 2019-2020 et a présenté le marteau de la SCP à Barry Saville, le président désigné.
Dilantha Fernando a installé les nouveaux membres du conseil de la SCP pour 2019-2020 comme suit :
Président : Barry Saville
Président élu : Lone Buchwald
Vice-président : Sheau-Fang Hwang
Président sortant : Dilantha Fernando
Secrétaire : Tom Fetch
Trésorier : Kenneth Conn

Secrétaire aux adhésions : Vikram Bisht
Directeur principal non désigné : Philippe Tanguay
Directrice adjointe non désignée : Syama Chatterton
Rédacteur en chef de la RCP : Steven Strelkov

17. Allocution du nouveau président (Barry Saville) et présentation d'une plaque à Dilantha Fernando pour services rendus en tant que président de la SCP.
18. Ajournement de la 90e AGAM par Jim Menzies à 12 h 50



Annexe: États financiers de la SCP pour l'année se terminant le 31 décembre 2017: Rapport de l'auditeur

	31 décembre 2018							31 décembre 2017	
	Fonds général	FMPE	FPGA	FDED	FCER	FJCE	Total	Total	(retraité – Note 4)
ACTIF									
COURT TERME									
Encaisse	62 492 \$	-	-	-	-	-	62 492 \$	40 348 \$	
Placements (Note 5)	389 394	7 021	28 170	9 590	10 755	6 884	451 814	453 793	
Débiteurs	24 878	-	-	-	-	-	24 878	17 174	
Stocks (Note 6)	19 191	-	-	-	-	-	19 191	26 400	
TVH recouvrable	3 395	-	-	-	-	-	3 395	9 233	
Charges payées d'avance	4 217	-	-	-	-	-	4 217	10 000	
	503 567	7 021	28 170	9 590	10 755	6 884	565 987	556 948	
Placements à long terme (Note 5)	-	16 902	-	23 085	25 888	16 572	82 447	92 321	
	503 567 \$	23 923 \$	28 170 \$	32 675 \$	36 643 \$	23 456 \$	648 434 \$	649 269 \$	
PASSIF									
COURT TERME									
Comptes à payer et charges à payer	8 198 \$	-	-	-	-	-	8 198 \$	11 096 \$	
Produits reportés	17 105	-	-	-	-	-	17 105	22 270	
Interfonds à payer (à recevoir)	(16 617)	1 866	7 411	2 584	2 929	1 827	-	-	
	8 686	1 866	7 411	2 584	2 929	1 827	25 303	33 366	
SOLDES DE FONDS									
Fonds général	494 881	-	-	-	-	-	494 881	485 035	
Fonds affectés	-	22 057	20 759	30 091	33 714	21 629	128 250	130 868	
	494 881	22 057	20 759	30 091	33 714	21 629	623 131	615 903	
	503 567 \$	23 923 \$	28 170 \$	32 675 \$	36 643 \$	23 456 \$	648 434 \$	649 269 \$	
ENGAGEMENTS (Note 7)									
AU NOM DU CONSEIL D'ADMINISTRATION :									
		Administrateur							Administrateur

LA SOCIÉTÉ CANADIENNE DE PHYTOPATHOLOGIE INC.

État des résultats et de l'évolution des soldes des fonds
Pour l'exercice se terminant le 31 décembre 2018

	31 décembre						Total
	2018					2017	
	Fonds général	FMPE	FPGA	FDED	FCER	FJCE	(retraité - Note 4)
PRODUITS							
Assemblée générale annuelle	84 444 \$	- \$	- \$	- \$	- \$	- \$	113 281 \$
Revue canadienne de phytopathologie (annexe 1)	81 908	-	-	-	-	-	66 626
Cotisations des membres	16 745	-	-	-	-	-	18 730
Produits d'information (annexe 2)	12 946	-	-	-	-	-	8 531
Dons	550	1 071	225	580	20	295	6 555
Revenu de placement (perte) (note 5)	(18 784)	485	1 668	663	743	475	21 219
Assemblées régionales	6 159	-	-	-	-	-	750
	183 968	1 556	1 893	1 243	763	770	190 193
CHARGES							
Assemblée générale annuelle	75 653	-	-	-	-	-	108 741
Revue canadienne de phytopathologie (annexe 1)	26 599	-	-	-	-	-	25 874
Déplacement	20 643	-	-	-	-	-	15 300
Prix nationaux	6 930	3 400	3 443	2 000	-	-	23 300
Frais de bureau et frais généraux - National	18 433	-	-	-	-	-	9 613
Honoraires professionnels	8 814	-	-	-	-	-	8 318
Produits d'information (annexe 2)	8 503	-	-	-	-	-	6 211
Bulletin et site Web	1 592	-	-	-	-	-	1 715
Réunions régionales	5 395	-	-	-	-	-	7 155
Prix régionaux	1 250	-	-	-	-	-	-
Frais de bureau et frais généraux - Régional	310	-	-	-	-	-	-
	174 122	3 400	3 443	2 000	-	-	206 227
EXCÉDENT DES PRODUITS SUR LES CHARGES							
POUR L'EXERCICE	9 846	(1 844)	(1 550)	(757)	763	770	29 465
SOLDES DES FONDS - DÉBUT DE L'EXERCICE	485 035	23 901	22 309	30 848	32 951	20 859	586 438
SOLDES DES FONDS - FIN DE L'EXERCICE	494 881 \$	22 057 \$	20 759 \$	30 091 \$	33 714 \$	21 629 \$	615 903 \$

L'état des résultats et de l'évolution des soldes de fonds, p. 4,
Rapport de l'auditeur, 2018

LA SOCIÉTÉ CANADIENNE DE PHYTOPATHOLOGIE INC.**Revue canadienne de phytopathologie****(annexe 1)****Pour l'exercice terminé le 31 décembre 2018**

	2018	2017
PRODUITS		
Frais de publication des auteurs	32 967 \$	24 638 \$
Redevances	32 428	25 485
Soutien de l'éditeur	9 093	9 048
Cotisations des membres pour la Revue	7 420	7 455
	81 908	66 626
CHARGES		
Édition et publication	11 650	12 189
Bureau de l'éditeur	9 500	9 500
Traduction	5 449	4 955
Créances douteuses (recouvrement)	-	(770)
	26 599	25 874
	55 309 \$	40 752 \$

Revue canadienne de phytopathologie (p. 11, Rapport de l'auditeur, 2018)

LA SOCIÉTÉ CANADIENNE DE PHYTOPATHOLOGIE INC.**Produits d'information****(annexe 2)****Pour l'exercice terminé le 31 décembre 2018**

	2018	2017
PRODUITS		
Ventes DFCC	12 250 \$	7 632 \$
Ventes MGCC	696	899
	12 946	8 531
CHARGES		
Frais DFCC	7 208	4 940
Frais CPDS	1 295	1 271
	8 503	6 211
	4 443 \$	2 320 \$

Produits d'information (p. 12, Rapport de l'auditeur, 2018)



Recognition of the Outgoing Board and Members



Above: CPS President Dr. Dilantha Fernando thanks Dr. Zamir Punja for serving as the Editor-in-Chief of the Canadian Journal of Plant Pathology.

Left: New CPS President Dr. Barry Saville accepts the gavel from Past President Dr. Dilantha Fernando

Awards

2018 CPS Awards Committee Report

The following awards were presented at the Canadian Phytopathological Society banquet held on July 9th, 2019 at the Delta Marriott Guelph. **Dr. Bruce Gossen** received the CPS Fellow award, **Drs. Stephen Strelkov and Aiming Wang** received the Outstanding Research award, and **Dr. Reem Aboukhaddour** received the Outstanding Young Scientist award. Additionally, there were two CPS student travel awards, one Taylor & Francis travel award, two CPS scholarship awards, and best student presentation awards for oral and poster presentations and video submissions. Details for each award are presented below. Respectfully submitted,

Tom Fetch, 2019 CPS Awards Chair



Dr. Tom Fetch (left), chair of the CPS Awards Committee, stands with CPS President Dr. Dilantha Fernando.

CPS Fellow Award

Dr. Bruce D. Gossen earned his Ph.D. from the University of Saskatchewan in 1985 under the direction of Professor Robin Morrall and has been employed as a research plant pathologist at the Saskatoon Research and Development Centre of Agriculture and Agri-Food Canada (AAFC) since 1984. His research focus has been in management of diseases in field crops to increase the economic return to producers. He has been an active CPS member since 1980 and has served on the Financial Advisory, Information Products, and Science Policy committees, as Section Editor for the Canadian Journal of Plant Pathology, and was President in 2007. Dr. Gossen and colleagues were honoured with the CPS Award for Achievement in Plant Disease Management for the development and publication of Diseases of Field Crops in Canada, 3rd Edition (2003) and Maladies des grandes culture au Canada (2004), which have become essential references for pathologists, agronomists, extension specialists and farmers across Canada. Dr. Gossen is currently on two editorial teams working on a revision to Diseases of Field Crops in Canada and Diseases and Pests of Vegetable Crops in Canada. Dr. Gossen has initiated and led studies that have attracted over \$4 million in outside research grants, and has cooperated in projects totalling more than an additional \$7 million. He is the author/co-author of more than 175 papers published in scientific journals, 2 books, 19 book chapters, and hundreds of minor publications, abstracts and technology transfer articles. Dr. Gossen has collaborated with many scientists covering a wide range of projects, and was recognized with the Golden Harvest Award from AAFC working on long-

term sustainability of agricultural systems for field crops in western Canada, a second Golden Harvest Award from AAFC working on clubroot, and two awards for Achievement in Disease Management from CPS for teams working on canola and pulse crops. Based on his achievements in disease management research and tremendous record of service to the CPS and to plant pathology in Canada, Dr. Gossen was awarded as a Fellow of the Canadian Phytopathological Society on July 9th, 2019.



Dr. Bruce D. Gossen (left) accepting the CPS FELLOW AWARD from CPS President Dr. Dilantha Fernando

CPS Outstanding Research Awards



Dr. Stephen Strelkov (left) accepting the CPS OUTSTANDING RESEARCH AWARD from CPS President Dr. Dilantha Fernando

Dr. Stephen E. Strelkov earned his MSc (1998) and PhD (2002) from the University of Manitoba under the supervision of Dr. L. Lamari, focusing on tan spot of wheat. Dr. Strelkov accepted a faculty position at the University of Alberta in 2003, and is now a Full Professor in Plant Pathology. He has authored or co-authored 180 refereed papers, several book chapters, and hundreds of reports, conference proceedings, and abstracts. Dr. Strelkov is a world-recognized expert on clubroot of crucifers. Recognizing the potential for significant losses, he began research to understand the *Plasmodiophora brassicae*/canola pathosystem and mitigate its negative effects. He identified predominant strains of *P. brassicae* in western Canada and developed resistance screening techniques, which enabled the rapid development and release clubroot-resistant canola cultivars. He has identified dispersal mechanisms of clubroot and developed techniques to detect and

measure the pathogen in soil and plant material, which have facilitated clubroot monitoring and other research into this disease. Dr. Strelkov has identified new strains of *P. brassicae*, which emerged recently and can overcome existing genetic resistance to clubroot. This led to the development of a new Canadian Clubroot Differential (CCD) set, which is now used to classify *P. brassicae* isolates into pathotypes and help guide resistance breeding activities. Dr. Strelkov has also developed a blackleg yield loss model to estimate losses caused by this disease, which has been used by the Canola Council of Canada in trade negotiations with China. Dr. Strelkov also led work on evaluating resistance to pyraclostrobin fungicide in western Canadian populations of the blackleg pathogen to assess the risks associated with the use of this management tool. Dr. Strelkov's research on sclerotinia stem rot included developing a molecular test to quantify petal infestation, and studies on the influence of environmental conditions on stem rot severity. Dr. Strelkov also published the first characterization of *Verticillium* spp. associated with verticillium stripe in Alberta. Additionally, Dr. Strelkov has continued studies on *Pyrenophora tritici-repentis* (tan spot of wheat) and was the first scientist to purify and characterize the necrotrophic effector (host-selective toxin) Ptr ToxB from this fungal pathogen, demonstrating that it is a 6.5 kDa protein that induces chlorosis in a host-specific manner. He also identified race 6 of the fungus, and showed that isolates of this race produce Ptr ToxB as well as the putative Ptr ToxC, thereby combining the virulence patterns of races 3 and 5. He further identified races 7 and 8 of *P. tritici-repentis*,

which completed the theoretical number of races (eight) that could be differentiated by three 'susceptibility' genes in the wheat host. This confirmed that a gene-for-gene model can be extended to pathosystems involving host-selective toxins or necrotrophic effectors. Dr. Strelkov's research has greatly advanced knowledge of the molecular basis for virulence in this pathogen and served as the foundation for additional work in related areas, including the *Parastagonospora nodurum*/wheat interaction, which exhibits many parallels to the tan spot system. Based on his numerous contributions to research in plant pathology, Dr. Strelkov received the CPS Outstanding Research Award on July 9th, 2019.



Dr. Aiming Wang (left) accepting the CPS
OUTSTANDING RESEARCH AWARD from CPS
President Dr. Dilantha Fernando

Dr. Aiming Wang earned his PhD in Plant Molecular Biology and Virology from the University of British Columbia, Canada in 1999. He joined the London Research and Development Center, Agriculture and Agriculture Canada (AAFC) as Research Scientist in Genomics Virology in 2003, and was promoted to Principal Research Scientist in 2018. Dr. Wang has authored or co-authored over 100 peer-reviewed research articles, edited five books, written 25 book chapters, and authored over 200 other articles. He received a Gold Harvest award (Innovation and Excellence) from AAFC in 2010 to recognize his outstanding and exceptional contributions to plant virus research, and Queen Elisabeth II Diamond Jubilee Medal from the Government of Canada in

2013 in recognition of his excellence in research and significant contribution to agriculture in Canada. Dr. Wang was selected to receive 2019 Ruth Allen Award by the American Phytopathological Society to honor his outstanding and innovative research contributions that have changed the direction of plant virology. Dr. Wang has conducted research on plant virology for over two decades, focusing on elucidation of the virus infection process for the development of novel strategies to control economically important viruses in Canada. These include viruses called potyviruses, including Plum pox virus (PPV) and Soybean mosaic virus (SMV). He has shown how plants trigger resistance responses via diverse cellular pathways such as sumoylation, autophagy, and RNA decay, and how potyviruses manage to overcome such immunity responses to establish their infection. Dr. Wang was the first to reveal the molecular mechanism by which a viral transcriptional slippage product (P3N-PIPO) functions in viral cell-to-cell movement, and demonstrated the essential roles of a small viral protein (6K1) and the master role of another small viral protein (6K2) in the formation of the viral replication complex that originates from the endoplasmic reticulum and targets chloroplasts

for robust potyviral genome replication in plant cells. Dr. Wang made significant contributions to the development of the concepts “host factor” and “recessive resistance” by the identification and characterization of over ten host factor genes required for potyvirus infection. He developed a novel approach to precisely delete or mutate motifs essential for viral infection but not for plant viability via precise genome editing technology to generate antiviral resistance and coined the term “Green Mutants” to describe this concept. For transformation-recalcitrant fruit trees (such as peach) that often suffer from viral diseases, he used virus-induced gene silencing technology to silence host factor(s) of the target viral pathogens and generate antiviral resistance. Dr. Wang is internationally known plant virologist and has delivered numerous invited seminars, colloquia speeches, and keynote addresses. His work directly contributed to the PPV Monitoring and Management Program in Canada, and much of his work has been described in virology textbooks. Based on his numerous contributions to research in plant pathology, Dr. Wang received the CPS Outstanding Research Award on July 9th, 2019.

CPS Outstanding Young Scientist Award



Dr. Reem Aboukhaddour (left) accepting the CPS OUTSTANDING YOUNG SCIENTIST AWARD from CPS President Dr. Dilantha Fernando

Dr. Reem Aboukhaddour was born in Damascus, Syria and earned her MSc degree from Wageningen University in 2003 and PhD from the University of Manitoba in 2008, both in plant pathology. She joined the University of Alberta in 2008 as postdoctoral and research associate fellow, and in 2016 accepted a position as a cereal pathologist with Agriculture and Agri-Food Canada in Lethbridge. She has authored and co-authored 15 refereed journal articles, 4 cultivar descriptions, a book chapter and many conference presentations. She is recognized for her research on tan spot disease. Her PhD research provided the most comprehensive insight into the

genome structural organization of the tan spot fungus and its virulence dynamics worldwide, and revealed the independent origin of its necrotrophic effectors. Her postdoctoral research

demonstrated the dual role of necrotrophic effectors as both pathogenicity and virulence factors. She also provided evidence for a specific interaction between barley and tan spot, breaking the assumption that tan spot infection was restricted to the wheat host. At Lethbridge she leads the research programs on wheat stripe rust, and is continuing research on leaf spot pathogens. Her focus is understanding virulence dynamics and plant-pathogen specificity of both stripe rust and leaf spot pathogens. She has found virulence changes in the stripe rust populations in Canada by comparing old and new collections of the fungus. She is also leading a project to identify additional necrotrophic effectors in the tan spot fungus. She also is working with wheat breeders to develop wheat cultivars with resistance to the relevant stripe rust races in Canada. Her contribution to excellence in the biology of wheat pathogens has been recognized both nationally and internationally. She provided training to visiting scientists from the Hokkaido Agriculture Research Centre on establishing a successful common bunt nursery in 2017. She supervised a visiting grad student from Tunisia to identify virulence of tan spot from North Africa. She was invited to participate in an information session in Mexico to develop international collaborations on stripe rust research. She collaborated on research providing the first evidence of European isolates of wheat streak virus in Canada. Her expertise has been recognized through a number of invited guest lectures at the University of Alberta and Saskatchewan, invited presentations at the Canadian Wheat Symposium in 2016 and the Annual Meeting of Plant Pathology Society of Alberta in 2016 and 2017, and several agronomy meetings and yearly extension events. Based on the level of performance and excellent contributions to plant pathology demonstrated in her young career, Dr. Reem Aboukhaddour received the CPS Outstanding Young Scientist Award on July 9th, 2019.

Student Scholarship Awards

There were three applicants for CPS scholarship awards in 2019. The winners were **Carole Balthazar** (Dr. Martin Filion, advisor) and **Colby Robertson** (Dr. Michael Harding, advisor). Carole is a PhD student at the University of Moncton working on the characterization of biocontrol agents against grey mold disease of cannabis. Colby is a MSc student at the University of Lethbridge working on cultural control methods for potato early dying (PED) disease caused by *Verticillium* species fungi and *Pratylenchus* species nematodes.



Left: Dr. David Joly accepting a CPS STUDENT SCHOLARSHIP from Dr. Dilantha Fernando on behalf of winner Carole Balthazar.

Right: Dr. Syama Chatterton accepting a CPS STUDENT SCHOLARSHIP from Dr. Dilantha Fernando on behalf of winner Colby Robertson.



Student Travel Awards

There were eight applicants for student travels awards in 2019. The winners of the CPS travel awards (\$1000 each) were **Jonathan Reich** (Dr. Syama Chatterton, advisor) and **Mallory LeWarne** (Dr. Brent McCallum, advisor). Jonathan's oral talk was on "Monitoring airborne ascospores for the management of white mould (*Sclerotinia sclerotiorum*) in dry bean across Canada", while Mallory's poster presentation was on "Genetic mapping of adult plant leaf rust resistance in spring wheat line BW278." The winner of the Taylor & Francis travel award (\$1000) was **Rasanie Padamthileke** (Dr. Dilantha Fernando, advisor). Rasanie's oral talk was on "Transcriptome profiling of incompatible and compatible interactions between *Brassica napus* and *Leptosphaeria maculans*." Congratulations to all students for winning a travel award.



Jonathan Reich (above, left) and Mallory LeWarne (above, right) receive their CPS STUDENT TRAVEL AWARDS from CPS President Dr. Dilantha Fernando. Rasanie Padamthileke (left, centre) receives the TAYLOR & FRANCIS TRAVEL AWARD from Dr. Dilantha Fernando and Taylor & Francis representative Hennie Thompson.

Student Oral Presentation Awards

There were 21 student oral presentations in the CPS student sessions at Plant Canada in 2019. First place (\$900) and best student oral presentation went to **Nick Wytinck** from the University of Manitoba on the talk “Boost your yield, harness the Forcefield: Advancing RNAi-based biocontrols against agronomic pathogens.” Second place (\$500) went to **Jonathan Reich** from the University of British Columbia on the talk “Monitoring airborne ascospores for the management of white mould (*Sclerotinia sclerotiorum*) in dry bean across Canada.” Third place (\$300) went to **Sara Stricker** from the University of Guelph for her talk on “In vitro and in field response of foliar fungicides against *Stemphylium vesicarium* causing Stemphylium leaf blight of onion.” Congratulations to all winners of the oral presentations!



Winners of the CPS STUDENT ORAL PRESENTATION AWARDS accept their awards from CPS President Dr. Dilantha Fernando.

Nick Wytinck (above, left), Jonathan Reich and his advisor, Dr. Syama Chatterton (above, right), and Sara Stricker (award accepted by Dr. Mary Ruth McDonald on her behalf; left).

Student Poster Presentation Awards

There were eight CPS student poster presentations at Plant Canada 2019. First place (\$900) and best student poster presentation went to **Afsaneh Sedaghatkish** from the University of Guelph for her poster on “Several grass crops reduce resting spores of *Plasmodiophora brassicae* in soil.” Second place (\$500) went to **Janesse Holmes** from Simon Fraser University for her poster on “The effect of hermaphroditism versus cross-pollination on sex ratios and genetic variation in *Cannabis sativa* L.” Third place (\$300) went to **Sarah Drury** from the University of Guelph for her poster on “Identifying clubroot resistance in canola and Brassica vegetable cultivars for Ontario, 2018.” Congratulations to all winners of the poster presentations!



Winners of the CPS STUDENT POSTER PRESENTATION AWARDS accept their awards from
CPS President Dr. Dilantha Fernando.

Afsaneh Sedaghatkish (above, left), Janesse Holmes (above, right), and Sarah Drury (not
pictured).

Photography and Video Awards

The CPS Education Committee held a photo/video contest and had many submissions at Plant Canada 2019. There were three video submissions, which can be viewed on YouTube at: <https://www.youtube.com/channel/UCcd15yUsNMJG0EIlzGPIj4g/playlists>.

First place (\$500) went to Alexandra Stinson;

Second place (\$300) went to Nimlash Thangam and Sivachandra Kumar;

Third place (\$200) went to Kiran Timilsina.

For the photo contest, there were four categories with first place (\$100) and second place (\$50) winners as follows:

Plant Pathology in the Field

First: Gaston Laflamme

Second: Tom Hsiang

Plant Pathology in the Lab

First: Greg Boland

Second: Nimlash Thangam Sivachandra Kumar

People in Plant Pathology

First: Amy Shi

Second: Colby Robertson

Microscopic Plant Pathology

First: Stephen Reynolds

Second: Igor de Albuquerque

People's Choice (\$100)

Trust Katsande

We appreciate the CPS Education Committee for choosing the winners and all of the people who voted for "People's Choice" at the Plant Canada meeting. We look forward to hosting this contest again next year!



CPS Education Committee Members Gurcharn Brar and Linda Jewell present the CPS EDUCATIONAL VIDEO AND PHOTO AWARDS.



Meetings

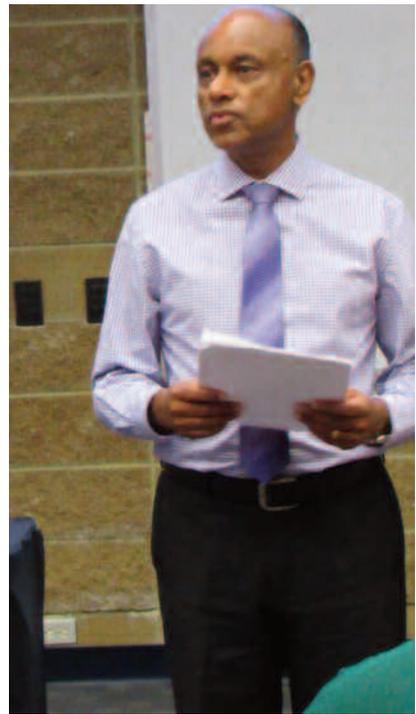
Photos from Plant Canada 2019















Announcements

2020 Canadian Plant Disease Survey: Call for Reports

NOTICE TO AUTHORS / AVIS AUX AUTEURS
2020 CANADIAN PLANT DISEASE SURVEY (CPDS) – Volume 100 /
INVENTAIRE DES MALADIES DES PLANTES AU CANADA 2020 (IMPC)

Reports of the 2019 Crop Season / Rapports de la saison des cultures 2019

The Canadian Plant Disease Survey documents the incidence of plant diseases in Canada. Formal plant disease surveys as well as important anecdotal observations may be submitted. Reports benefit agencies planning or funding research on disease control and may be useful to federal authorities dealing with plant health issues in international trade. The CPDS can be downloaded from the CPS web site (<http://phytopath.ca/publication/cpds/>).

Starting with Volume 99, the CPDS has been published as a special edition of the Canadian Journal of Plant Pathology. References, citations, and table formatting should match that of the CJPP (see CPDS Vol. 99 on the CPS website).

L'Inventaire (IMPC) témoigne de la présence des maladies des plantes au Canada. Des relevés de maladies ainsi que des observations fortuites importantes peuvent être présentés. Ces relevés aident les organismes publics à planifier et à subventionner la recherche sur la lutte contre les maladies et sont aussi de grande utilité à l'autorité fédérale pour traiter des questions de commerce international impliquant l'état sanitaire des cultures. L'IMPC peut être téléchargé du site web de la SCP (<http://phytopath.ca/publication/cpds/>).

À partir de Volume 99, l'IMPC a été publié dans une édition spéciale de la Revue canadienne de phytopathologie. Références, citations et autres mises en forme doit correspondre à celui de la RCP (voir l'exemple de l'IMPC Vol. 99 sur le site).

SUBMISSION OF REPORTS / SOUMISSION DES RAPPORTS:

Authors should send a copy of their report(s), including graphs, maps, and tables to the appropriate Section Editor by November 22, 2019. Section Editors are listed below.

Les auteurs doivent envoyer une copie de leur(s) rapport(s), y compris les graphiques, les cartes et les tableaux, au Directeur de section approprié par le 22 novembre, 2019. Voir la liste des éditeurs de section pour savoir à qui envoyer les rapports.

The Section Editor will review the report for scientific content and editorial format and return the report to the author with their comments. L'éditeur de section procéderont à la révision du contenu scientifique et de la présentation et retourneront le rapport à l'auteur principal avec leurs commentaires.

Section Editors will email final copies of all the papers in their section to the National Editor by January 17, 2020. Les éditeurs de section enverront les copies finales de tous les articles de leur section au directeur national par voie électronique par le 17 janvier, 2020.

2019-20 CPDS SECTION EDITORS AND ADDRESSES / IMPC 2019-20 ÉDITEURS DE SECTION : NOMS ET ADRESSES
DIAGNOSTIC LABORATORIES / LABORATOIRES DE DIAGNOSTIC

Marilyn Dykstra
23 Roche Place
Ottawa, Ontario, K2H 5P8
Tel: (613) 596-5213
Email: marilyn008@sympatico.ca

CEREALS / CÉRÉALES

Kelly Turkington
Agriculture and Agri-Food Canada
Lacombe Research and Development Centre
6000 C and E Trail
Lacombe, Alberta T4L 1W1
Tel.: (403) 782-8138; Fax: (403) 782-6120
Email: kelly.turkington@canada.ca

OILSEEDS, PULSES, FORAGES AND SPECIAL CROPS /
OLÉAGINEUX, PROTÉAGINEUX, PLANTES FOURRAGÈRES ET CULTURES SPÉCIALES

Debra McLaren
Brandon Research Centre
Agriculture and Agri-Food Canada
2701 Grand Valley Road
Brandon, Manitoba R7A 5Y3
Phone: (204) 578-6561
Fax: (204) 578-6524
Email: debra.mclaren@canada.ca

VEGETABLES / LÉGUMES

Mary Ruth McDonald
Plant Agriculture
Univ. of Guelph, 50 Stone Road East
Guelph, Ontario, N1G 2W1
Tel: (519) 824-4120 ext. 52791,
Fax: (519) 763-8933
Email: mrmcdona@uoguelph.ca

FRUITS, NUTS AND BERRIES, ORNAMENTALS AND TURFGRASS /
FRUITS, FRUITS À ÉCALE ET BAIES, PLANTES ORNEMENTALES ET GAZON

Siva Sabaratnam
BC Ministry of Agriculture
Abbotsford Agriculture Centre
1767 Angus Campbell Rd.
Abbotsford, BC V3G 2M3

Tel. : (604) 556-3001
Email: siva.sabaratnam@agr.bc.ca

FOREST TREES / ARBRES FORESTIERS

Jean Bérubé
Service canadien des forêts
Centre de foresterie des Laurentides
Ressources Naturelles Canada
Gouvernement du Canada
1055 rue du P.E.P.S. C.P. 10380
Sainte-Foy (Québec), G1V 4C7
Tél : (418) 648-7174
Télécopieur : (418) 648-5849
Courriel: jean.berube@canada.ca



Annual Meeting of the CPS in 2020 to be held in Penticton, BC

The 2020 CPS meeting will be held in Penticton at the Penticton Lakeshore Resort and Conference Center.

Place: Penticton BC

Date: June 21st -24th 2020

Venue: Penticton Lakeshore Resort and Conference Center

Room prices: blocked rooms starting at \$201 (consider booking early as it is tourist season)

Transportation:

3 Air Canada flights/day in and out of Penticton

3-4 WestJet flights/day in and out of Penticton

Multiple WestJet and Air Canada flights/day in and out of Kelowna (1 hr. drive from Penticton – car rentals and airport shuttle available)

Hope to see you there!



Top: The Penticton Lakeshore Resort; Lower left: Summerland Research and Development Centre in Summerland BC; Lower right: Vineyards on the Naramata Bench in Penticton



Travel Award for 2019 Plant Science Symposium



Travel Award Available!

2019 Plant Science Symposium Current Trends in Agriculture

8:00 AM – 4:00 PM, Tues. Nov. 19, 2019



@UofGSymposium

Register online and select "Travel Grant Application:
uofgplantsciences.eventbrite.ca

Deadline for Travel Award is Sept 30th 2019

Karl C. Ivarson Agricultural Scholarship



Canadian Foundation for
Food and Agricultural Education

Karl C. Ivarson Agricultural Scholarship

The Canadian Foundation for Food and Agricultural Education invites applications for **The Karl C. Ivarson Agricultural Scholarship**.

This scholarship is open to agricultural science students from the province of Alberta. Students may be enrolled in any post-secondary institution within or outside the province of Alberta. In 2019, two awards will be granted:

\$10,000 Masters level

\$17,000 PhD level

Candidates must hold Canadian Citizenship or Permanent Residence status in Canada and be enrolled in their graduate program for at least one semester beyond the application deadline.

Deadline for applications is October 18, 2019

Scholarships are awarded on the following basis, but not necessarily placed in order of importance:

1. Academic achievement
2. Areas of study
3. Community Involvement
4. Career interests
5. Letters of recommendation

This scholarship was created by Dr. Karl C. Ivarson through a gift to the Canadian Foundation for Food and Agricultural Education. Application Guidelines, Application Form and Referee Form can be found at <http://cffae.ca/ivarson-agricultural-scholarship/>.

Canadian Foundation for Food and Agricultural Education

300 Earl Grey Drive, Suite 233, Ottawa, Ontario K2T 1C1
manager@cffae.ca | www.cffae.ca



People

A Visit with Dr. Blair MacNeill

During the recent Plant Canada meeting at the University of Guelph, Greg Boland and Jim Menzies took some time off from the meeting to visit Dr. Blair MacNeill, a retired professor of plant pathology at the U. of Guelph. Blair started working as a professor at the Ontario Agriculture College (part of the University of Toronto at that time) in 1950, and continued on when OAC became the U. of Guelph until retirement in 1988. Jim was supervised by Blair during his Ph.D., and Greg was supervised by another excellent professor of plant pathology, Dr. Bob Hall. Jim and Greg participated in Blair's graduate courses in plant pathology; Phytopathology I and Phytopathology II. Blair's courses involved reading 50 to 100 pages of material he provided each week, and then providing him with a one page summary of a topic covered in the reading material. The class time would be spent discussing the material, usually started by Blair asking a student to provide their interpretation of a topic in the readings. This often led to smiles from the other students because everyone knew that we were all flying by the seat of our pants. Nevertheless, it was a very effective teaching technique, and we all learned a lot from the courses (we had to). Blair is now 96 years of age, and looks great. As Blair would say, he doesn't look a day over 100. It was a very enjoyable visit, and it was great to see and talk to Blair again.



Dr. Blair MacNeill (centre) enjoying a visit by Dr. Jim Menzes (left) and Dr. Greg Boland (right)



Dr. Dilantha Fernando Honoured by APS

Dilantha Fernando, Professor and Dean of Studies at the University of Manitoba, was made a Fellow of the APS at their meeting in Cleveland, Ohio in August 2019.



Left: Dr. Dilantha Fernando receiving the APS Fellow Award flanked by Dr. Kira Bowen (APS-President) and Dr. Mary Palm (APS Immediate Past President).

Right: Dr. Dilantha Fernando and his son Dr. Iru Fernando at the APS Fellow Awards Ceremony.

Welcome to the University of Alberta, Dr. Sheau-Fang Hwang!



This spring, Dr. Sheau-Fang Hwang joined the Department of Agricultural, Food and Nutritional Science, University of Alberta, as a Professor of Applied Plant Pathology. She comes to the University after a long and successful career with the Government of Alberta, where she worked as a Research Scientist with Alberta Environment and the Alberta Research Council in Vegreville, and later with Alberta Agriculture and Forestry in Edmonton. Reflecting on her more than 30 years with the province, Sheau-Fang noted “I’ve had a great time, worked with many great people, and accomplished a lot. Alberta Agriculture provided me with the support and opportunity to develop a great relationship with the canola industry.”

As Plant Pathology Program Leader at the Crop Diversification Centre – North from 2006 to 2018, Sheau-Fang initiated and conducted many significant individual and interdisciplinary projects on oilseed and pulse crop diseases. She was among the pioneers of research on clubroot of canola in Canada and was instrumental in bringing two international clubroot workshops to Edmonton.

Originally from Taiwan, Sheau-Fang obtained a Ph.D. in Plant Pathology from Washington State University at Pullman, WA, USA. Over the course of her career, she has received many awards and honors, including the Outstanding Research Award from the Canadian Phytopathological Society (CPS); this was complemented by two CPS Awards for Outstanding Achievements in Plant Disease Management, which she received for her involvement in the development of practical and science-based approaches to manage clubroot of canola and soil-borne diseases of pulse crops.

Sheau-Fang has served as an Adjunct Professor at the University of Alberta since 2006, contributing to numerous collaborative research projects and the training of many graduate and undergraduate students. She is excited to have the opportunity to expand these contributions in her new role as a Professor, stating “Ever since I completed my PhD, it has always been my dream to become a professor and to work with students on a daily basis.” Likewise, her colleagues in the Department of Agricultural, Food and Nutritional Science are happy to welcome a world class scholar and teacher to the University.

Her contact information is below:

Sheau-Fang Hwang, Ph.D.
Professor of Applied Plant Pathology
Department of Agricultural, Food and Nutritional Science
University of Alberta
Agriculture/Forestry Centre
Edmonton, Alberta T6G 2P5
Telephone: (780) 492-6693
Fax: (780) 492-4265
Email: Sheau.Fang.Hwang@ualberta.ca

Dr. Dilantha Fernando Recognized at the Asian PGPR International Conference

Dr. Dilantha Fernando of the University of Manitoba was recently honoured with the highest award given to a scientist for two decades of exemplary research contributions to the Plant Growth Promoting Rhizobacteria and Bio-control Research for sustainable agriculture by the international PGPR community at the Asian PGPR International Conference in Tashkent, Uzbekistan. Congratulations Dr. Fernando!



Dr. Dilantha Fernando receiving the award flanked by Prof. M.S. Reddy (USA) and Dr. D. Egamberdieva (Uzbekistan).

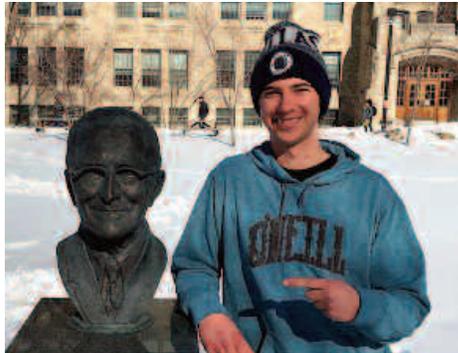


Young Scientists' Corner

FEATURED STUDENT:

Nick Wytinck

University of Manitoba



Nick with the bust of Dr. Baldur Stefansson, the father of canola.

I think I have always understood the fundamental importance of agriculture. Having grown up in the heart of the prairies, in rural Manitoba, I was constantly surrounded by farming and crop production. And although we weren't quite farmers, both my parents were directly involved within the agriculture industry. Suffice to say, I learned to drive tractors long before I had ever sat behind the wheel of a car! My first job was with my dad's company, NorthStar Genetics, and it introduced me to the intricacies of crop production and protection, from retailers to harvest. The introduction to this industry and the issues facing it was one of the primary reasons why I decided to pursue my degree in genetics. I met Dr. Mark Belmonte and was introduced to his lab through the Biological Sciences Co-op program and I have been working with him ever since. The Belmonte lab focusses both on crop production, in trying to better understand seed development and oil production as well as pathology, in developing novel plant protection via biocontrol agents as well as utilizing a technology known as RNA interference or RNAi. Currently I am pursuing my PhD in his

lab, attempting to develop next generation, RNAi-based approaches to combat fungal pathogens, particularly *Sclerotinia* pathogenesis against canola. *Sclerotinia* is a devastating plant pathogen and current management approaches are becoming increasingly inadequate due to the development of fungicidal resistance in addition to growing concerns about the harm that these chemicals are causing to the environment. RNAi-based approaches would mitigate these environmental concerns and we have shown that applications of this technology, as a foliar spray as well as through constitutive transgenic production, both induce large-scale decreases in *Sclerotinia* infection severity. We are continuing to refine and better understand this technology alongside industry collaboration and support. The CPS has been a big part of my journey as a researcher. Throughout my Master's and now into my PhD, I have attended the national as well as regional meetings for the society, learning immeasurable amounts and realizing just how important our jobs as pathologists really are on a global scale of food production. This past year at the joint Plant Canada-CPS conference in Guelph, ON, I was honoured to receive recognition for my research as the top student oral presentation. I look forward to continuing to improve my skills and knowledge as a pathologist and molecular biologist as I finish up my PhD, before transitioning to industry where I hope to make a real difference researching and developing novel technologies as we move toward a more optimistic and sustainable future.



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 (7) July 2019

In this issue:

- A global system to detect and halt the spread of emerging crop diseases
- The Editorial Board of Food Security meets at IFPRI, Washington, D.C.
- Obituary of George Carver Clerk, 1931-2019
- "Sneezing" plants contribute to disease proliferation
- Indian Phytopathology – Top three articles from year so far

- Crop pests more widespread than previously known
- Sudden Oak Death poses threat to oaks in Indiana
- New microneedle technique speeds plant disease detection
- Current Vacancies
- Acknowledgements
- Coming Events
-

ISPP Newsletter 49 (8 August 2019)

In this issue:

- "Pathogens which Threaten Food Security": A new series to be published in ISPP's journal, Food Security
- 45th Annual Conference of the Nigerian Society for Plant Protection, 15-19 March 2020, Nigeria
- Launch of International Year of Plant Health 2020 website
- 4th International Conference on Global Food Security, 16-19 June 2020, France
- 8th Asian Conference on Plant Pathology, 15-18 September 2020, Japan

- Global dimensions of plant virus diseases
- Nematode pheromones protect major crops
- Can 'supercharged' plants solve the climate crisis?
- Early career researcher training opportunity
- Global unity to avert future hunger crises
- Biosecurity champions' communication bootcamp
- Living defenses could protect potatoes from virus and nematode threats
- Current Vacancies
- Acknowledgements
- Coming Events
-
- **ISPP Newsletter 49 (9) September 2019**
- In this issue:
 - Portable technology sniffs out plant disease in the field
- Annoucement of 7th International Bacterial Wilt Symposium, Uruguay
- Light could be key to protecting crops from costly virus
- Chocolate under threat from old and new cacao diseases
- Developing targets for genome editing to engineer viral disease resistant crops
- Obituary of Robert E. Davis, 1939-2019
- Devastating banana fungus has spread to Colombia
- Effects of Huanglongbing on orange juice quality reviewed
- Current Vacancies
- Acknowledgements
- Coming Events



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.

Up front / Avant-propos	75
Joint Annual Meeting 2019 / Reunion annuelle conjointe 2019	79
STEP Corner / Le coin de la relève	81
Gold Medal Address / Allocution du médaillé d'or 2018 (Jacques Brodeur)	83
News from the Regions / Nouvelles des régions	87
Special Features / Articles spéciaux	

Wider aspects of a career in entomology. 6. North Carolina (Hugh V. Danks)	89
Continued pursuit of Alfred Kinsey's first love: Status of the North American gall wasps and their parasitoids 100 years later (Y. Miles Zhang)	95
Multi-modal floral-foraging ecology of mosquitoes (Dan Peach)	99
In memory / En souvenir de	
George E. Ball (J. Spence, David Maddison, Felix Sperling)	102
James E. Corrigan (R. Bennett, B. Gill, B. Kirkha, K. Marsh, L.D. Sproule, P. Welsh)	108
Charles H. Craig (O. Olfert)	112
Peter Belton (Mel Hart)	113
Book Reviews / Critiques de livre	
Innumerable Insects: the story of the most diverse and myriad animals on Earth. by M.S. Engel. (C. Gillott)	115
Pacific Northwest Insects. by M.A. Peterson (D. Giberson)	117
Books available for review / Livres disponibles pour critique	119
Society business / Affaires de la Société	
69th Annual Meeting of Members and Board of Directors Meetings / 69e assemblée annuelle et réunions du conseil d'administration de la SEC	120
Executive Meeting - Call for Agenda Items / Réunion du conseil exécutif – Points à l'ordre du jour	120
Notice of a Special Meeting of Members / Avis d'assemblée spéciale des membres	121
Members' Discounts / Remise pour les membres	121
Announcement of Changes in the ESC Standing Rules / Annonce de changements dans les règles permanentes de la SEC	122
Highlights of the Recent Board of Directors Meeting	124
Nominations for ESC Board of Directors / Nominations pour le Conseil d'administration de la SEC	125
ESC Scholarship Fund / Le Fonds de bourses d'études de la SEC	127
Fifteenth Annual Photo Contest / Quinzième concours annuel d photographie	128
Announcement / Annonce	
Help us find the "bugs" in Bugs 101	130
List of Contents: Regional Journals / Table des matières : Revues des sociétés régionales	131
Content of newsletters / Contenu des bulletins	
Canadian Phytopathological Society / la Société canadienne de phytopathologie	133
Meeting Announcements / Réunions futures	134
Officers of affiliated societies / Dirigeants des sociétés associées	136
The last word / Le dernier mot	137
Governing board / Conseil d'administration	inside back cover



Contact the Editors

Linda Elizabeth Jewell, Editor

St. John's Research and Development Centre
Agriculture and Agri-Food Canada
308 Brookfield Rd.
St. John's, Newfoundland and Labrador
A1E 0B2

Telephone: 709-793-3173; Fax 709-793-3341
Email: linda.jewell@canada.ca

Coreen Franke, Associate Editor

Nutrien Ag Solutions
201 - 407 Downey Road
Saskatoon, Saskatchewan
S7N 4L8

Telephone: 306-668-6633/306-229-4180 (cell)
Fax: 306-668-5564
Email: coreen.franke@nutrien.com

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

PLEASE NOTE: The submission deadline for the December 2019 issue of CPS - SCP News is November 29, 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.

