

CPS • SCP *News*



CANADIAN PHYTOPATHOLOGICAL SOCIETY • SOCIÉTÉ CANADIENNE DE PHYTOPATHOLOGIE

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President's Message



Barry Saville
CPS-SCP President/président

Hello CPS members, I hope you are all staying healthy and that you each receive a vaccination soon.

This pandemic, and the scientific response to it, has brought us devastating heartbreak and scientific exhilaration. For those of you who have experienced loss, my sincere condolences. May you have the strength to become positive again and move forward. As for the science, people are getting vaccinated one year after the pandemic was declared— that is amazing! Of course, the vaccine roll-out has revealed weaknesses in global distribution and the need to have domestic vaccine production facilities; but consider what has happened. A new human-infecting virus emerged and spread to pandemic level, and the pharmaceutical and biotech

industries responded with the development, testing, manufacture, and distribution of not one but multiple

vaccines within one year. It makes me proud to be a member of the scientific community.

That preamble hints at an aspect of coping with this pandemic that we have all faced: the ups and downs as well as the ever-changing messages. We social distanced and masked up and got the first wave flattened and even reduced case counts dramatically; in relief and perhaps a little celebration, society lapsed on these measures and the second wave happened. Once again we reacted, got things more under control, but then viral variants arose and spread globally, and we are into the third wave. A recent difference has been that we now have vaccines, but will they be distributed in time? These dramatic society-level changes have been very disruptive, and many have also experienced more rapid changes at work or to their education. But I hope that through the pain, disruption, and loss that you can see a light that signals the transition from pandemic to endemic virus with available vaccines. An indication that we faced a terrible pandemic and, while we suffered, we will make it through. But what does “make it through” mean?

From a CPS perspective, making it through has involved making decisions like the one to keep board members in place, extending their terms by one year. We have also postponed our scientific meetings and moved to a virtual annual meeting of the members and passed changes to our by-laws to allow for voting by this format.

“Some CPS members have also been inspired by the ‘new normal’ and are developing a virtual meeting for July 5-9, 2021 at which we can exchange scientific ideas without risk of spreading SARS-COV 2.”

Some CPS members have also been inspired by the 'new normal' and are developing a virtual meeting for June 14-18, 2021 at which we can exchange scientific ideas without risk of spreading SARS-COV 2. This meeting will be held in conjunction with the Canadian Society for Horticultural Science and the Canadian Society of Agronomy (see:

<https://phytopath.ca/meetings/tri-society-virtual-conference/>). While the virtual conference has been, and is, a large-scale team effort, I would like to acknowledge Guillaume Bilodeau who, from my perspective got the whole virtual idea moving in the first place. I think this will be a great meeting and I encourage you all to consider presenting, and to attend. We will hold the 2021 CPS annual meeting of the members virtually on June 11, 2021 at noon EST. I hope you will join us for this as well. Plans are also underway for future annual meetings in Penticton BC in 2022 and in

Ottawa in 2023. I know I am very much looking forward to being able to travel again so I can attend these meetings to exchange ideas and catch up with friends and colleagues. With these plans for in person meetings we remain positive that vaccines will arrive and be distributed so that Canada can reach herd immunity status and travel between Provinces can resume. To help with this I hope you all do your part and get a vaccination when you can.

Stay safe.

Barry

President of the Canadian

Phytopathological Society

Director of the Master of Science Forensic

Science Program, and Associate Professor

Department of Forensic Science

Trent University



Message du président

Bonjour à tous les membres! J'espère que vous êtes tous en bonne santé et que vous serez bientôt vaccinés.

Cette pandémie, ainsi que la réaction scientifique qu'elle a suscitée, nous a occasionné de douloureux déchirements et, sur le plan scientifique, de l'exaltation. J'offre mes sincères condoléances à tous ceux d'entre vous qui ont subi une perte. Puissiez-vous retrouver votre sérénité et, de

nouveau, aller de l'avant.

Quant à la science, un an après que la pandémie a été déclarée, les gens se font vacciner, ce qui est remarquable. Bien sûr, la distribution mondiale des vaccins a connu des ratées et mis en évidence le besoin de posséder nos propres installations de production de vaccins, mais examinons ce qui s'est produit. Un nouveau virus infectant les humains a émergé et s'est répandu au

point d'engendrer une pandémie, puis les industries pharmaceutiques et biotechnologiques ont réagi en développant, en testant, en fabriquant et en distribuant pas qu'un seul vaccin, mais plusieurs et le tout, en un an. Cela me rend fier d'être un membre de la communauté scientifique.

Ce préambule souligne un aspect relatif à notre adaptation à cette pandémie que nous avons tous eu à affronter : les hauts et les bas de la situation ainsi que les messages souvent contradictoires. Nous avons respecté la distanciation sociale et avons

porté notre masque et, en conséquence,

nous avons réussi à aplatir la courbe de la première vague, voire à réduire radicalement le nombre de cas. Par soulagement et peut-être aussi

à cause d'une envie de célébrer, il y a eu du relâchement à l'égard de ces mesures, ce qui a ouvert la voie à la deuxième vague. De nouveau, nous avons réagi et maîtrisé la situation, puis les variants viraux ont surgi et ils se sont répandus sur toute la planète, et nous voici aux prises avec une troisième vague. Nous bénéficions malgré tout d'une récente différence : nous possédons maintenant les vaccins, mais seront-ils distribués à temps? Ces graves changements sociétaux ont été très déstabilisants et plusieurs ont également vécu des changements encore plus rapides au travail ou en ce qui a trait à leurs études. Mais j'espère que, malgré la douleur, les perturbations et les pertes, vous pouvez entrevoir la lumière qui annonce, avec les vaccins, la transition d'une pandémie à une endémie. Une indication que nous avons fait

face à une terrible pandémie et, bien que nous en ayons souffert, nous allons nous en sortir. Mais que veut dire « nous en sortir »?

Du point de vue de la SCP, « s'en sortir » a impliqué de prendre des décisions comme celle de maintenir en place les membres actuels du conseil pour une autre année. Nous avons également remis nos réunions scientifiques et avons opté pour une assemblée annuelle des membres virtuelle, ce qui nous a permis de modifier nos règlements afin d'utiliser ce type de vote. Certains membres de la SCP ont également

été inspirés par cette

« nouvelle

normalité » et sont en train d'organiser une réunion

annuelle

virtuelle qui se tiendra du 5 au 9 juillet 2021 et durant laquelle

“Certains membres de la SCP ont également été inspirés par cette « nouvelle normalité » et sont en train d'organiser une réunion annuelle virtuelle qui se tiendra du 5 au 9 juillet 2021 et durant laquelle nous pourrons échanger des idées scientifiques sans risquer de propager le SARS-COV 2.”

nous pourrons échanger des idées scientifiques sans risquer de propager le SARS-COV 2. Cette réunion sera tenue conjointement avec la Société canadienne de science horticole et la Société canadienne d'agronomie (voir <https://phytopath.ca/meetings/tri-society-virtual-conference/>). Bien que la réunion virtuelle ait été, et est, un effort collectif de grande envergure, j'aimerais remercier Guillaume Bilodeau qui, selon moi, a été l'instigateur de toute cette initiative virtuelle. Je crois que ce sera une réunion formidable et je vous encourage tous à y présenter des projets et à y assister. Nous tiendrons également, le 11 juin 2021 à 12h HNE, l'assemblée annuelle des membres de la SCP 2021 virtuellement. J'espère que vous vous joindrez aussi à nous pour cet événement. Des plans sont déjà sur la table

en vue des futures réunions annuelles de 2022 à Penticton, en Colombie-Britannique, et de 2023 à Ottawa. En ce qui me concerne, j'ai terriblement hâte de me remettre à voyager afin que je puisse assister à ces réunions pour échanger des idées et renouer avec les amis et les collègues. Avec ces plans concernant les réunions physiques de personnes, nous avons bon espoir que les vaccins seront disponibles et distribués afin que le Canada atteigne le degré d'immunité collective qui nous permettra de voyager de nouveau d'une province à l'autre. Afin de contribuer à la réalisation de cette éventualité, j'espère

que vous collaborerez tous et que vous vous ferez vacciner dès que vous le pourrez.

Soyez prudents!

Barry

Président de la Société canadienne de
phytopathologie
Directeur, maîtrise ès sciences, Programme
de sciences judiciaires
Professeur agrégé,
Département de sciences judiciaires
Université Trent



Meetings

New Date for Tri-society Virtual conference (CPS-CSA-CSHS): July 5-9, 2021



Please note that the Tri-society Virtual conference for the Canadian Phytopathological Society, the Canadian Society of Agronomy, and the Canadian Society for Horticultural Science will now be held from **July 5-9, 2021**. Please update your calendars! To register, and for further details, please visit the conference website:

<https://trisocieties2021.ca/>





TRI-SOCIETY

VIRTUAL CONFERENCE

JULY 5-9, 2021

Innovation in Plant Science and Agricultural Resilience

A virtual conference that brings together researchers in plant science organized by

The Canadian Phytopathological Society <https://phytopath.ca/>

The Canadian Society of Agronomy <https://agronomycanada.com/>

The Canadian Society for Horticultural Science <http://www.cshs.ca/>

The conference website is <https://trisocieties2021.ca>
Check it out for more information and important deadlines

REGISTRATION

Open from April 12 to July 2
Society members \$150, students, Post Docs
and technicians \$100, and non-members \$250

ABSTRACT SUBMISSION Open from April 12 to May 7

TWO WORKSHOPS ARE FREE WITH REGISTRATION

July 12 "Equity, diversity and inclusion in research environments"
July 13 "Tips for successful publication in peer-reviewed scientific journals"
Workshop enrollment is limited

THE SCIENTIFIC PROGRAM

The program will consist of sessions with
either 5 or 12 minutes pre-recorded talks
followed by live discussion with the
presenters daily from 11 AM to 5 PM EST
e.g. 8 AM to 2 PM PST.

CONFERENCE MATERIALS

A flip-book with all abstracts will be available
from June 28 to July 23. It is a downloadable
and searchable PDF file with links to posters.
The video presentations will be available on
demand from July 9 to July 23.

FOR STUDENTS

All students entering an abstract in an
oral or poster competition are
guaranteed a spot in the program and
can prepare for this right away.
Prizes will be awarded in every
student-competition session to MSc
and PhD students who are the
corresponding author on an oral or
poster abstract – students need to be
members of one of the societies.

Many other activities are planned
including advice on career
progression, fun games and contests.

NETWORKING IS IMPORTANT

Virtual meeting rooms will
be available for any group
sizes each day, and is a
good opportunity for
professionals working in
plant sciences to discuss
the latest research, learn
from peers and expand
their knowledge. These
networking opportunities
can move research forward
and enhance participant's
careers.

SPONSORSHIPS ARE APPRECIATED

For numerous opportunities please contact CPS' Treasurer Ken Conn kennethconncps@gmail.com

Please join us to help turn strategies into actions and actions into improved crops!

Dates for 2021 CPS Board and CPS Member Meetings

Please note the following key dates and times for Society-related meetings that will be held virtually this year! All Society members should mark their calendars for the Annual Meeting of Members, and Board and Finance committee members should take note of these additional important meetings:

- Finance meeting: June 9 from 12:00 to 4:00 pm EST;
- Outgoing Board meeting: June 10 from 12:00 to 3:00 pm EST;
- Annual Meeting of the Members Virtual meeting: June 11 from 12:00 to 2:00 pm EST; and
- Incoming Board meeting: June 11 from 2:30 to 4:30 pm EST.



Highlights From the 2020 Canadian Phytopathological Society BC Regional Meeting

After sadly having to cancel the 2020 Canadian Phytopathological Society Annual Meeting that was going to be held in June in Penticton BC, we are happy to report that BC CPS members were able to organize, in record time, the virtual BC regional meeting. The meeting was held on December 10th, 2020 using the Zoom platform and was organized by Dr. Jose R. Úrbez-Torres, Dr. Tom Forge, Dr. Guus Bakkeren, and Jesse MacDonald from AAFC-Summerland RDC and Dr. Mike Cruickshank from the Natural Resources Canada (NRCan) Wood Fiber Centre in Victoria, BC.

The meeting was entirely dedicated to presentations given by MSc and PhD students along with a brief session in which several scientists updated the participants on the status of different research projects in BC. In addition, Vippen Joshi, Plant Pathologist at the BC Ministry of Agriculture Plant Health Unit in Abbotsford provided the annual report and update on the status of economically important pathogens in different crops in BC as well as newly reported pathogens in the province.

The conference was attended by 60 people and there were a total of 16 oral presentations. Student presentations were divided in two categories: 15 minutes talks (11 presentations) and 5-minute flash-talks (5). A student competition was conducted to select the three best presentations in both categories. All student presentations were outstanding and judges had very difficult decisions to make. The winners of the student completion were:

15 minute category:

- 1st place (\$500 award): **Lindsay King**, AAFC Summerland RDC and UBC Okanagan for her presentation entitled “Effects of the root-lesion nematode, *Pratylenchus penetrans*, on early growth of M.9, G.41 and G.935 apple rootstocks under field conditions.”
- 2nd place (\$250 award): **Dieter Kahl**, AAFC Summerland RDC and UBC Okanagan for his presentation entitled “A simple, rapid, and inexpensive method for identifying candidate insect vectors of Grapevine red blotch virus.”

- 3rd place (\$125 award): **Jinxz Pollard-Flamand**, AAFC Summerland RDC and UBC Okanagan for his presentation “Identification of *Trichoderma* species from British Columbia and assessment of their potential use as biocontrol agents against grapevine trunk diseases.”

5 minute flash-talk category:

- 1st place (\$150 award): **Natalie Kumpula**, Simon Fraser University, for her presentation entitled “Identification of a novel pathogen inducing blueberry scorch virus- and blueberry shock virus-like symptoms in British Columbia blueberry fields.”
- There was a tie for 2nd and 3rd place (\$75 award each):
 - **Priya Puri**, University of British Columbia Vancouver for her presentation entitled “Spatial variation in the health of *Arbutus menziesii* is largely independent of host and local environment.”
 - **Naomi Herpin-Saunier**, University of British Columbia Vancouver and University of Laval Quebec for her presentation entitled “Spatial modelling of Swiss needle cast disease severity and lineages of its causal agent *Nothophaeocryptopus gaeumannii* in the Pacific Northwest”

The CPS BC Regional organizing committee and all CBS-BC members would like to congratulate the awarded students for their great research and presentations. The abstracts for all 16 student presentations have been published in Canadian Journal of Plant Pathology (available at: <https://doi.org/10.1080/07060661.2021.1889804>).

Respectfully submitted:

Local arrangements committee and

Vippen Joshi, Regional Representative CPS-BC



Scenes from the 2020 CPS BC Regional Meeting, which was held virtually using Zoom



Society Business

2020 Annual Report of the Canadian Phytopathological Society

2020 Annual Report of the Canadian Phytopathological Society

December 15, 2020

Tom Fetch, Secretary

Summary: The 2020 Annual Meeting of Members (AMOM) was held virtually by ZOOM on December 11, 2020 due to the COVID-19 pandemic. Thus, there are no symposia topics or presentations, sessions, exhibits, or other events to report in 2020. There were nine Board of Director meetings from 11 July 2019 to 2 October 2020. The minutes of the ZOOM meeting are as follows:

Canadian Phytopathological Society/La Société canadienne de phytopathologie

Minutes for the 91st Annual Meeting of Members

Agenda Assemblée Générale Annuelle de la Société canadienne de phytopathologie

Zoom Virtual meeting Friday December 11, 2020

13:00-14:00 EST

- 1 Determination of quorum (Saville), 56 members present
- 2 Approval of agenda (Saville); **Motion:** to adopt the agenda as circulated. Moved by Vikram Bisht, 2nd by Guillaume Bilodeau, carried.
- 3 Approval of 2019 AGM minutes (Saville); **Motion:** to approve the minutes of the 90th Annual Meeting of Members. Moved by Deena Errampalli, 2nd by Lone Buchwaldt, carried.
- 4 Treasurer report and Financial Statement (Conn); Financial statement presented by Ken Conn, good year financially, CJPP profit of \$70,755, Author page charges up, \$42K, Information products profit of \$3752 in 2019, Investment income was \$57K, General fund balance is \$600K, restricted funds about \$128K, total \$728K. New restricted award: Greg Boland Invited Speaker Award. Donations from Frank Duncan estate, John Yorkton was nematologist in BC, cash and house, T3 income in 2019, \$93K received in 2020, temporarily in General fund, Board is moving into a restricted fund, status TBD, house will be sold later and proceeds divided 4 ways, 2028 or 2029, should get about \$500K. Richard Belanger: an amazing story, times were tough at one point, may have too much money now in the accounts, nice to see there are plans to fund the 100th anniversary, any other plans? Ken: no issue yet, but board stopped putting into the General fund, with CRA the total is not an issue, but the justification. Barry: could send out a questionnaire on income, perhaps publishing in CJPP? Reduce page charges? Ken: revenue will be less going forward, the Board approved funding to print several OA papers in CJPP, at least \$24K for review articles per year, starting in 2020 for a special focus issue on Rust pathogens. Lone: Plant Canada profits not paid. Ken: should get another \$11K from

PC but not arrived yet. Dilantha: don't have to spend \$24K, get 25% discount. Barry: can discuss at the Board meeting. **Motion:** to approve the Treasurer report for 2019. Moved by Guillaume Bilodeau, 2nd by Sarah Hambleton, carried

- 5 Appointment of 2021 Auditor (Conn); **Motion:** to appoint BDO (auditor of 2019) for 2020 Auditor. Moved by Ken Conn, 2nd by Vikram, Discussion: getting expensive. Barry: seems to be the going rate. Ken: price for 2019 was higher than 2018, asked for justification, reduced 2019 by \$2500, will provide more details at next Board meeting. Barry: would this company be the one to recommend. Ken: yes, due to time restraints. Deena: checked on other auditors, nothing less. Lone: can afford it. Motion carried
- 6 Election of Directors (Saville); **Motion:** the CPS membership re-elects the current Board for another term because the normal presidential stream of nominations was impacted by COVID-19. Additionally, the CPS membership re-appoints Ken Conn as Treasurer and Vikram Bisht as Membership Secretary for another 2-year term. Moved by Jim Menzies, 2nd by Gurcharn Brar, Discussion: Deena, how do we do this next year. Barry: will change Bylaw 20 to allow virtual next year, Richard B: can we do this now? Barry explained need to change by paper ballot, carried
- 7 Change in By-Law 32:4(b) (OYSA; Chatterton); A proposed amendment to By-Law 32:4(b) would remove the age limitation and replace it with a 12 year period subsequent to awarding of a PhD degree. It also indicates that leave taken for parental, compassionate, or medical reasons does not count towards the 12 year period. Syama Chatterton explained the proposed change. **Motion:** to approve the amendment to By-Law 32:4(b). Moved by Syama Chatterton, 2nd by Tanya Arsenault, carried
- 8 Change in By-Law 32:2(a) (Fellow; Chatterton); A proposed amendment to By-Law 32:2(a) would provide examples of outstanding service for the Fellow award. Syama Chatterton explained the proposed change. **Motion:** to approve the amendment to By-Law 32:4(b). Moved by Syama Chatterton, 2nd by Gary Peng. Discussion: Richard B: get rid of the et cetera at end of sentence, Barry: are examples, not comprehensive, decided upon by Awards committee, agree needs to be contained but not exclusive. RB: how does new definition change the old one? If not specific then just go back to old description. Lone: was added to contrast to new award. Deena: is this needed? Richard: understands why the example was provided when comparing to new Career Recognition Award. Barry: legacy knowledge. Tanya: don't want to change every time. Barry: can include the examples also in the advertisement. Syama: not clear what "service" criteria were for the Fellow Award. Provide more detail. Andy Tekauz: for new Career Recognition, are both needed or are bonuses (Syama: bonuses), just need a) and b) for that. Motion carried
- 9 Addition of By-Law 32:14 for new Career Recognition Award (Chatterton); A proposed addition to the current By-Laws would add a Career Recognition Award to recognize and validate the contributions of retired individuals who have made significant and long-term contributions to plant pathology in Canada, and the broader community. It also provides an opportunity to publish an account of these contributions in the Canadian Journal of

Plant Pathology as a form of recognition. Syama Chatterton explained the proposed change. **Motion:** to approve the addition of By-Law 32:14. Moved by Syama Chatterton, 2nd by Andy Tekauz , carried

10 Change in By-Law 20; A proposed amendment to By-Law 20 allows the Annual Meeting of Members to be held entirely or partially by suitable electronic means. This was due to the impact of COVID-19, which resulted in cancelling the normal in-person event in 2020. Lone Buchwaldt explained the proposed change. **Motion:** to approve the amendment to By-Law 20. Moved by Barry Saville, 2nd by Lone Buchwaldt. CPS members in attendance in this virtual meeting will receive by email a ballot to cast their vote on this matter, and return to Secretary Tom Fetch for counting of the votes. This is to satisfy the current wording of By-Law 20, which prevents the holding of the AMOM entirely by electronic means.

11 Adjournment of 91st AMOM by Vikram Bisht at 2:10 PM

The report of the Awards Committee was published in the CPS Newsletter, Vol 64(2):28. The report of the Membership Secretary follows.



Appendix - CPS Financial Statements for Year End Dec. 31, 2019 /Auditor's Report

The Canadian Phytopathological Society Inc.
Statement of Financial Position
December 31, 2019

	December 31 / 2019					December 31 / 2018	
	General Fund	BSPA Fund	GAA Fund	GSTA Fund	ORA Fund	OYSA Fund	Total
ASSETS							
CURRENT							
Cash	\$ 54,364	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 54,364
Investments (Note 4)	463,011	3,951	29,274	6,067	7,039	4,534	513,876
Accounts receivable	45,727	-	-	-	-	-	45,727
Inventory (Note 5)	14,808	-	-	-	-	-	14,808
HST rebate recoverable	4,635	-	-	-	-	-	4,635
Prepaid expenses	2,859	-	-	-	-	-	2,859
	585,404	3,951	29,274	6,067	7,039	4,534	636,269
Investments (Note 4)	40,000	16,889	-	25,933	30,086	19,381	132,289
	\$ 625,404	\$ 20,840	\$ 29,274	\$ 32,000	\$ 37,125	\$ 23,915	\$ 768,558
LIABILITIES							
CURRENT							
Accounts payable and accrued liabilities	\$ 12,734	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,734
Deferred revenue	27,000	-	-	-	-	-	27,000
Interfund payable (receivable)	(14,672)	1,348	7,112	2,116	2,465	1,631	-
	25,062	1,348	7,112	2,116	2,465	1,631	39,734
FUND BALANCES							
General Fund	600,342	-	-	-	-	-	600,342
Restricted Funds	-	19,492	22,162	29,884	34,660	22,284	128,482
	600,342	19,492	22,162	29,884	34,660	22,284	728,824
	\$ 625,404	\$ 20,840	\$ 29,274	\$ 32,000	\$ 37,125	\$ 23,915	\$ 768,558
							\$ 648,434

Statement of Financial Position (p. 3, 2019 Auditor's Report)

The Canadian Phytopathological Society Inc.
Statement of Operations and Changes in Fund Balances
For the Year Ended December 31, 2019

	December 31 2019					December 31 2018	
	General Fund	BSPA Fund	GAA Fund	GSTA Fund	ORA Fund	OYSA Fund	Total
REVENUE							
Canadian Journal of Plant Pathology (Schedule 1)	\$ 89,804	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 89,804
Investment income (loss) (Note 4)	53,656	475	1,103	728	846	545	\$ 57,353
Annual national meeting	16,598	-	-	-	-	-	16,598
Memberships dues	15,255	-	-	-	-	-	15,255
Donations (Note 6)	12,156	360	300	2,065	100	110	15,091
Information products (Schedule 2)	9,375	-	-	-	-	-	9,375
Regional meetings	4,115	-	-	-	-	-	4,115
	200,959	835	1,403	2,793	946	655	207,591
							190,193
EXPENDITURES							
Canadian Journal of Plant Pathology (Schedule 1)	19,049	-	-	-	-	-	19,049
Travel	16,810	-	-	-	-	-	16,810
Annual national meeting	13,771	-	-	-	-	-	13,771
National awards	6,741	3,400	-	3,000	-	-	13,141
Professional fees	13,056	-	-	-	-	-	13,056
National office and general	11,411	-	-	-	-	-	11,411
Information products (Schedule 2)	5,623	-	-	-	-	-	5,623
Regional meetings	4,951	-	-	-	-	-	4,951
Regional awards	2,025	-	-	-	-	-	2,025
Newsletter and website	1,776	-	-	-	-	-	1,776
Regional office and general	285	-	-	-	-	-	285
	95,498	3,400	-	3,000	-	-	101,898
							182,965
EXCESS (DEFICIENCY) OF REVENUE OVER							
EXPENDITURES FOR THE YEAR	105,461	(2,565)	1,403	(207)	946	655	105,693
FUND BALANCES - BEGINNING OF YEAR	494,881	22,057	20,759	30,091	33,714	21,629	615,903
FUND BALANCES - END OF YEAR	\$ 600,342	\$ 19,492	\$ 22,162	\$ 29,884	\$ 34,660	\$ 22,284	\$ 728,824
							\$ 623,131

**Statement of Operations and Changes in Fund Balances (p. 4,
2019 Auditor's Report)**

THE CANADIAN PHYTOPATHOLOGICAL SOCIETY INC.**Canadian Journal of Plant Pathology***(Schedule 1)***Year Ended December 31, 2019**

	2019	2018
REVENUE		
Author page charges	\$ 42,414	\$ 32,967
Royalties	31,297	32,428
Publisher support	9,093	9,093
Journal fees from members	7,000	7,420
	89,804	81,908
EXPENDITURES		
Editing and publishing	7,364	11,650
Editor office	6,540	9,500
Translation	5,145	5,449
	19,049	26,599
	\$ 70,755	\$ 55,309

**Canadian Journal of Plant Pathology Revenue (P. 12, 2019
Auditor's Report)**

THE CANADIAN PHYTOPATHOLOGICAL SOCIETY INC.**Information Products***(Schedule 2)***Year Ended December 31, 2019**

	2019	2018
REVENUE		
DFCC sales	\$ 8,422	\$ 12,250
MGCC sales	953	696
	9,375	12,946
EXPENDITURES		
DFCC costs	4,383	7,208
CPDS costs	1,240	1,295
	5,623	8,503
	\$ 3,752	\$ 4,443

Information Products Revenue (p. 13, 2019 Auditor's Report)



Rapport annuel 2020 de la Société canadienne de phytopathologie

**Rapport annuel 2020 de la Société canadienne de phytopathologie
15 décembre 2020
Tom Fetch, secrétaire**

Résumé : À cause de la pandémie de COVID-19, l'assemblée annuelle des membres (AAM) 2020 s'est tenue virtuellement par l'entremise de ZOOM le 11 décembre 2020. En conséquence, il n'y a pas de sujets de symposiums ou de présentations, de séances, d'expositions ou d'autres événements à rapporter en 2020. Il y a eu neuf réunions des membres du conseil du 11 juillet au 2 octobre 2020. Le compte rendu de l'assemblée tenue par l'entremise de ZOOM est le suivant.

**Canadian Phytopathological Society/La Société canadienne de phytopathologie
Minutes for the 91st Annual Meeting of Members
Compte rendu de l'assemblée annuelle générale de membres de la Société
canadienne de phytopathologie
Zoom Virtual meeting Friday, December 11, 2020
13:00-14:00 EST
Assemblée virtuelle tenue par l'entremise de ZOOM
le vendredi 11 décembre 2020, de 13 h à 14 h, HNE**

- 1 Établissement du quorum (Saville), 56 membres étaient présents.
- 2 Adoption de l'ordre du jour (Saville); **Motion** : approuver sans modification l'ordre du jour. Proposée par Vikram Bisht, appuyée par Guillaume Bilodeau, adoptée.
- 3 Adoption du compte rendu de l'AAM 2019 (Saville); **Motion** : approuver le compte rendu de la 90e assemblée annuelle générale des membres. Proposée par Deena Errampalli, appuyée par Lone Buchwaldt, adoptée.
- 4 Rapport du trésorier et état financier (Ken Conn); L'état financier présenté par Ken Conn, bonne année financière. Profit de 70 755 \$ pour la RCP; frais pour publication en hausse, 42 000 \$; en 2019, profit des produits d'information de 3 752 \$; revenu de placement, 57 000 \$; solde du fonds d'administration générale, 600 000 \$; fonds affectés, environ 128 000 \$: total 728 000 \$. Nouveau prix réservé : Prix du conférencier invité Greg Boland. Dons de la succession Frank Duncan; John Yorkton était nématologiste en Colombie-Britannique, comptant et maison, revenu selon feuillet T3 2019, 93 000 \$ reçus en 2020, temporairement dans le fonds d'administration générale, le conseil place dans les fonds affectés, statut à déterminer, la maison sera vendue à une date ultérieure et les recettes seront divisées en 4, 2028 ou 2029, devrait obtenir environ 500 000 \$. Richard Bélanger : une histoire étonnante, à un moment donné les temps étaient difficiles, il a peut-être trop d'argent maintenant dans ses comptes, ça fait plaisir de voir qu'il y a des projets pour financer le 100e anniversaire, d'autres projets? Ken : pas en ce moment, mais le conseil a cessé de placer dans le fonds d'administration générale, avec l'ARC le total

n'est pas un problème, mais la justification. Barry : possibilité d'envoyer un questionnaire sur le revenu, peut-être publié dans la RCP? Réduire les frais de page? Ken : les revenus seront moindres dans l'avenir, le conseil a approuvé le financement pour imprimer quelques articles en libre accès dans la RCP, au moins 24 000 \$ par année pour des rapports de synthèse, en commençant par 2020 pour un numéro spécial sur les agents pathogènes de la rouille. Lone : les profits de la réunion avec Plant Canada n'ont pas été entièrement partagés. Ken : il reste encore 11 000 \$ à recevoir de PC. Dilantha : on n'a pas à dépenser 24 000 \$, obtenir une réduction de 25 %. Barry : on peut en discuter à la réunion du conseil. **Motion** : approuver le rapport du trésorier pour 2019. Proposée par Guillaume Bilodeau, appuyée par Sarah Hambleton, adoptée.

- 5 Désignation de l'auditeur pour 2021 (Conn); **Motion** : affecter BDO (même auditeur qu'en 2020) pour 2021. Proposée par Ken Conn, appuyée par Vikram. Discussion : ça coûte cher. Barry : ça semble être le tarif courant. Ken : le coût pour 2019 était plus élevé que celui de 2018, j'ai demandé d'expliquer : ils ont réduit le coût de 2019 de 2 500 \$; je vous donnerai plus de détails à la prochaine réunion du conseil. Barry : est-ce que cette compagnie serait celle à recommander? Ken : oui, en raison du manque de temps. Deena : j'ai consulté d'autres auditeurs, il n'y a rien de moins cher. Lone : nous pouvons nous le permettre. Adoptée.
- 6 Élection des directeurs (Saville); **Motion** : les membres de la SCP réélisent les membres actuels du conseil pour un autre terme parce que le processus normal des nominations présidentielles a été entravé par la COVID-19. De plus, les membres de la SCP réélisent Ken Conn comme trésorier et Vikram Bisht comme secrétaire aux adhésions pour un autre terme de deux ans. Proposée par Jim Menzies, appuyée par Gurcharn Brar. Discussion : Deena : comment procéderons-nous l'année prochaine? Barry : nous allons amender le règlement No 20 pour permettre le vote virtuel. Richard B. : peut-on faire ça immédiatement? Barry a expliqué que l'amendement devait être voté avec des bulletins. Adoptée.
- 7 Modification au règlement No 32:4(b) (OYSA; Chatterton); Un amendement proposé au règlement No 32:4(b) supprimerait la limite d'âge et la remplacerait par une période de 12 ans postérieure à l'obtention du doctorat. Cela signifie également que les congés pris pour maternité, maladie ou pour raisons personnelles ne comptent pas à l'égard de la période de 12 ans. Syama Chatterton a expliqué le changement proposé. **Motion** : approuver l'amendement au règlement No 32:4(b). Proposée par Syama Chatterton, appuyée par Tanya Arsenault, adoptée.
- 8 Modification au règlement No 32:2(a) (Bourier; Chatterton); Un amendement proposé au règlement No 32:2(a) fournirait des exemples de services exceptionnels pour le prix du boursier. Syama Chatterton a expliqué le changement proposé. **Motion** : approuver l'amendement au règlement No 32:2(a). Proposée par Syama Chatterton, appuyée par Gary Peng. Discussion : Richard B. : éliminer les « etc. » à la fin de la phrase. Barry : n'est-ce pas le comité des prix qui a décidé des exemples, non exhaustifs, d'accord pour les limiter, sans qu'ils soient exclusifs. R. B. : comment la nouvelle définition modifie-t-elle l'ancienne? Si elle n'est pas assez précise, s'en remettre à la description originale. Lone : a été ajouté pour différencier le nouveau prix. Deena : est-ce nécessaire? Richard

: on comprend pourquoi l'exemple a été fourni quand on compare au nouveau prix pour reconnaissance professionnelle. Barry : applications patrimoniales. Tanya : on ne veut pas changer toutes les fois. Barry : on peut inclure les exemples aussi dans la publicité. Syama : les critères « services » pour le prix du boursier n'étaient pas clairs. Il faut davantage préciser. Andy Tekauz : pour le nouveau prix pour reconnaissance professionnelle, est-ce que les deux sont nécessaires ou est-ce que les bonifications (Syama : bonifications) requièrent seulement a) et b)? Adoptée.

- 9 Ajout du règlement No 32:14 pour le nouveau prix pour reconnaissance professionnelle (Chatterton); Un amendement proposé aux règlements actuels ajouterait un prix pour reconnaissance professionnelle pour reconnaître et valider les contributions importantes et durables de retraités à la phytopathologie au Canada et à la communauté en général. Cela serait également, comme marque de reconnaissance, une occasion de publier un compte rendu de ces contributions dans la Revue canadienne de phytopathologie. Syama Chatterton a expliqué l'amendement proposé. **Motion** : approuver l'ajout du règlement No 32:14. Proposée par Syama Chatterton, appuyée par Andy Tekauz, adoptée.
- 10 Amendement au règlement No 20; Un amendement au règlement No 20 permet de tenir, entièrement ou partiellement, par l'entremise de moyens adéquats, l'assemblée annuelle des membres. Cela découle des conséquences de la COVID-19 qui a entraîné l'annulation de l'événement de 2020 en personne. Lone Buchwaldt a expliqué l'amendement proposé. **Motion** : approuver l'amendement au règlement No 20. Proposée par Barry Saville, appuyée par Lone Buchwaldt. Les membres de la SCP qui assisteront à cette assemblée virtuelle recevront par courriel un bulletin pour voter sur la question, et le retourneront au secrétaire, Tom Fetch, pour le dépouillement des votes. Cela vise à respecter le libellé actuel du règlement No 20 qui empêche la tenue de l'AMM entièrement par voie électronique.
- 11 Ajournement de la 91e AGAM par Vikram Bisht à 14 h 10



Annexe: États financiers de la SCP pour l'année se terminant le 31 décembre 2019: Rapport de l'auditeur

La Société canadienne de phytopathologie inc.
État de la situation financière
31 décembre 2019

	31 décembre 2019						31 décembre 2018
	Fonds général	FMPE	FPGA	FDED	FCER	FJCE	Total
ACTIF							
COURT TERME							
Encaisse	54,364 \$	- \$	- \$	- \$	- \$	- \$	62,492 \$
Placements (Note 4)	463,011	3,951	29,274	6,067	7,039	4,534	513,876
Débiteurs	45,727	-	-	-	-	-	45,727
Stocks (Note 5)	14,808	-	-	-	-	-	14,808
Remboursement de TVH recouvrable	4,635	-	-	-	-	-	4,635
Charges payées d'avance	2,859	-	-	-	-	-	2,859
	585,404	3,951	29,274	6,067	7,039	4,534	636,269
Placements (Note 4)	40,000	16,889	-	25,933	30,086	19,381	132,289
	625,404 \$	20,840 \$	29,274 \$	32,000 \$	37,125 \$	23,915 \$	768,558 \$
PASSIF							
COURT TERME							
Créditeurs et charges à payer	12,734 \$	- \$	- \$	- \$	- \$	- \$	12,734 \$
Produits reportés	27,000	-	-	-	-	-	27,000
Interfonds à payer (à recevoir)	(14,672)	1,348	7,112	2,116	2,465	1,631	-
	25,062	1,348	7,112	2,116	2,465	1,631	39,734
SOLDES DE FONDS							
Fonds général	600,342	-	-	-	-	-	600,342
Fonds affectés	-	19,492	22,162	29,884	34,660	22,284	128,482
	600,342	19,492	22,162	29,884	34,660	22,284	728,824
	625,404 \$	20,840 \$	29,274 \$	32,000 \$	37,125 \$	23,915 \$	768,558 \$
							648,434 \$

La Société canadienne de phytopathologie inc.
État des résultats et de l'évolution des soldes des fonds
Exercices terminés les 31 décembre 2019

	31 décembre 2019						31 décembre 2018	
	Fonds général	FMPE	FPGA	FDED	FCER	FJCE	Total	Total
PRODUITS								
<i>Revue canadienne de phytopathologie (annexe 1)</i>	89,804 \$	- \$	- \$	- \$	- \$	- \$	89,804 \$	81,908 \$
Revenus (pertes) sur placements (note 4)	53,656	475	1,103	728	846	545	57,353	(14,750)
Assemblée générale annuelle	16,598	-	-	-	-	-	16,598	84,444
Cotisations des membres	15,255	-	-	-	-	-	15,255	16,745
Dons (note 6)	12,156	360	300	2,065	100	110	15,091	2,741
Produits d'information (annexe 2)	9,375	-	-	-	-	-	9,375	12,946
Réunions régionales	4,115	-	-	-	-	-	4,115	6,159
	200,959	835	1,403	2,793	946	655	207,591	190,193
CHARGES								
<i>Revue canadienne de phytopathologie (annexe 1)</i>	19,049	-	-	-	-	-	19,049	26,599
Déplacements	16,810	-	-	-	-	-	16,810	20,643
Assemblée générale annuelle	13,771	-	-	-	-	-	13,771	75,653
Prix nationaux	6,741	3,400	-	3,000	-	-	13,141	15,773
Honoraires professionnels	13,056	-	-	-	-	-	13,056	8,814
Frais de bureau et frais généraux – national	11,411	-	-	-	-	-	11,411	18,433
Produits d'information (annexe 2)	5,623	-	-	-	-	-	5,623	8,503
Réunions régionales	2,025	-	-	-	-	-	2,025	5,395
Prix régionaux	1,776	-	-	-	-	-	1,776	1,250
Bulletin et site Web	285	-	-	-	-	-	285	1,592
Frais de bureau et frais généraux – régional	-	-	-	-	-	-	-	310
	95,498	3,400	-	3,000	-	-	101,898	182,965
EXCÉDENT (INSUFFISANCE) DES PRODUITS								
SUR LES CHARGES POUR L'EXERCICE	105,461	(2,565)	1,403	(207)	946	655	105,693	7,228
SOLDES DES FONDS, AU DÉBUT DE L'EXERCICE	494,881	22,057	20,759	30,091	33,714	21,629	623,131	615,903
SOLDES DES FONDS, À LA FIN DE L'EXERCICE	600,342 \$	19,492 \$	22,162 \$	29,884 \$	34,660 \$	22,284 \$	728,824 \$	623,131 \$

L'état des résultats et de l'évolution des soldes de fonds, p. 4,
Rapport de l'auditeur, 2019

LA SOCIÉTÉ CANADIENNE DE PHYTOPATHOLOGIE INC.*Revue canadienne de phytopathologie**(Annexe 1)***Pour l'exercice terminé le 31 décembre 2019**

	2019	2018
PRODUITS		
Frais de publication des auteurs	42 414 \$	32 967 \$
Redevances	31 297	32 428
Soutien de l'éditeur	9 093	9 093
Cotisations des membres pour la revue	7 000	7 420
	89 804	81 908
CHARGES		
Édition et publication	7 364	11 650
Bureau de l'éditeur	6 540	9 500
Traduction	5 145	5 449
	19 049	26 599
	70 755 \$	55 309 \$

Revue canadienne de phytopathologie (p. 12, Rapport de l'auditeur, 2019)

LA SOCIÉTÉ CANADIENNE DE PHYTOPATHOLOGIE INC.**Produits d'information***(Annexe 2)***Pour l'exercice terminé le 31 décembre 2019**

	2019	2018
PRODUITS		
Ventes DFCC	8 422 \$	12 250 \$
Ventes MGCC	953	696
	9 375	12 946
CHARGES		
Frais DFCC	4 383	7 208
Frais CPDS	1 240	1 295
	5 623	8 503
	3 752 \$	4 443 \$

Produits d'information (p. 13, Rapport de l'auditeur, 2019)



Canadian Phytopathological Society Membership Committee Membership Report – 2020

Canadian Phytopathological Society Membership Committee Membership Report – 2020 July 22

2020 Membership is for the calendar year, January to December 2020.

The membership number by May 15, 2020 was **304** (including 16 Sustaining Associates & contacts)*.

CPS Membership Totals 2010-2020:

2020 May	2019 June	2018 June	2017 June	2016 June	2015 July	2014 June	2013 May	2012	2011	2010
304	336	360	334	334	357	302	359	336	352	363

2020 Membership by member type:

	Emeritus	Regular	Student	Technician/ Post-Doc	Sustaining Associates	Total
2020 May	49	153 + 0 guest	72	14	16	304*
2019 June	44	175 + 0 guest	74	19	13	336*
2018 June	50	194	67	19	15	360*
2017 May	49	174 + 2 + 6 guest	45+2	15	15	319
2016 June	44	199 + 9 guest	38 + 1 guest	11	18	336
2015 July	47	227	45	11	18	357
2014 Aug	46	204	36	-	16	302
2013	62	245	33	-	19	359

* Including Contacts of Sustaining Associates

2020 (2019) Membership by Geographic Region:

Canada: **278** (306); US: **19** (22); International: **7** (8).

AB= **33** (41), BC= **58** (47), MB= **46** (53), NB= **9** (11), NL= **4** (4), NS= **5** (3), ON= **69** (84), PEI= **7** (7), QC= **11** (12), SK= **36** (44).

Journal Preference:

Only online: 97+ 21+16+2
 Print: 95 + 19 +10+5
 CJPP (Online + Print): 265

Membership Committee:

Chairman & Membership Secretary	Vikram Bisht,
Treasurer of CPS	Ken Conn,
Regional Rep, Maritimes	Rick Peters
Reg. Rep. Quebec	"TBD"
Reg. Rep. Eastern Ontario	Miao (Mindy) Liu
Reg. Rep. Western Ontario	Ken Conn
Reg. Rep. Manitoba	Fouad Daayf
Reg. Rep. Saskatchewan	Yu Chen
Reg. Rep. Alberta	Syama Chatterton
Reg. Rep. British Columbia	Vippen Joshi

Respectfully submitted, July 20, 2020

Vikram Bisht

Membership Secretary and Chairman of the Membership Committee.

While all efforts have been made to have accurate information, there may be some oversight. Please bring that to my notice.

A list of the Board of Directors for 2020-2021 is 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

Amendments to the By-laws are in the 2020 minutes. In brief, the age limit for the OYSA award was eliminated and replaced with a time limit. A new award for Career Recognition was added to acknowledge career achievements in Plant Pathology research and teaching, and examples of service for the Fellow Award was added. Finally, a change to By-Law 20 now allows the ability to hold a virtual AMOM, as needed.

A list of members of committees is as follows:

Awards committee: Syama Chatterton (Chair), X. Wang, J. Dettman, J. Griffiths, T. Hsiang

Financial Advisory committee: Dilantha Fernando (Chair), B. Saville, L. Buchwaldt, S.F. Hwang, K. Conn, S. Strelkov, B. McCallum, W. Chen, M.A. Henriquez

Future meetings committee: Odile Carisse, Lone Buchwaldt, Barry Saville
Journal editorial committee: Steven Strelkov (Chair), T. Fetch, K. Conn, T. Coutinho, T.J.

Avis, S. Banniza, J. Menzies, S. Chatterton, S. Shamoun, M. Liu, D. Joly, T. Paulitz, D. Hegedus, B. McCallum, L. Korsten, D. Fernando, P. Abbasi, X. Nie.

Membership committee: Vikram Bisht (Chair), K. Conn, R. Peters, M. Fall, M. Liu, F. Daayf, M. Hubbard, S. Chatterton, V. Joshi

Nominating committee: Dilantha Fernando (Chair), D. Gaudet, T. Ramsfield, B. McCallum, X. Zhang

Resolutions committee: Reem Aboukhaddour (Chair), G. Marchand, H. Bennypaul

Science Policy committee: Lone Buchwaldt (Chair), S.F. Hwang, B. Saville, D. Fernando

Education committee: Linda Jewell (Chair), G. Sumampong, J. Urbez-Torres, R. Burlakoti, S. Stricker

Historic resources: Denis Gaudet

Information Products: Bruce Gossen (Chair), S. Chatterton, M. Harding, G. Marchand, M. Fall, G.S. Brar

International cooperation committee: Tom Forge (Chair), I. Falak, M.A. Henriquez, X. Wang, M.R. McDonald

Local arrangements committee: Guillaume Bilodeau (2021), L. Buchwaldt, B. Saville

Microbial Genetics and Culture Collections: Guillaume Bilodeau

Newsletter: Linda Jewell (Editor), Coreen Franke (Assoc. Editor)

Public Relations committee: Vladimir Vujanovic (Chair), K. Rashid

CPS Website: Michael Holtz (Chair), G. Brar, D. Joly, P. Tanguay, T. Fetch, V. Bisht, K. Conn, A. Wylie

CPDS committee: Janice Elmhirst (Chair), K. Turkington, D. Wasyliv, M. Dykstra, D. McLaren, M.R. McDonald, S. Sabaratnam, J. Berube

CPS Workshops and Symposia: Lone Buchwaldt (President-Elect)

CPS Plant Health Network: Bruce Gossen (Chair)

Research-Environment Canada Policy: Mary Ruth McDonald (Chair), K. Anderson, B. Gossen, K. Turkington



Update on CPS Bylaw Changes

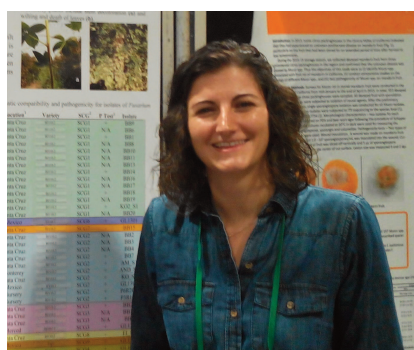


The motion to amend By-Law 20 to allow virtual Annual Meetings of Members presented at the December 11, 2020 Zoom meeting was passed on a 30-2 (Yes/No) paper ballot vote. The motion is as follows: Annual or special meetings of members may be held entirely or partially by suitable electronic means. Moved by Barry Saville and seconded by Lone Buchwaldt. The approved motion now allows the CPS to conduct their Annual Meeting of Members using an electronic platform.



People

Welcome Dr. Ana Pastrana!



My name is Ana M. Pastrana and I am a Research Scientist in Plant Pathology at Vineland Research and Innovation Centre in Ontario. Both my PhD (IFAPA, Spain) and my postdoc (UC Davis) were focused in the detection, characterization, and management of soilborne diseases in berry crops. Recently, I joined Vineland, where I am working on a broad range of diseases in greenhouse vegetable crops.

Dr. Ana Pastrana is a new Research Scientist at the Vineland Innovation Centre



Welcome Dr. Curt McCartney!

Dr. Curt McCartney has joined the Department of Plant Science at the University of Manitoba and will be taking over Dr. Brûlé-Babel's winter wheat breeding program. New variety development will target registration in the Canada Western Red Winter (CWRW) market class. Dr. McCartney will continue the evaluation of Fusarium head blight resistance in spring and winter wheat breeding lines developed by breeders across western Canada. Looking ahead, Dr. McCartney will be exploring the utilization of genomic selection in the winter wheat breeding program and will conduct genetic experiments to study variation in traits important for the CWRW market class. Dr. McCartney will also be teaching courses in plant breeding and genetics, and supervising graduate students training in these fields.



Congratulations to Keisha Hollman!

Congratulations to Keisha Hollman on the successful defense of her M.Sc. thesis at the University of Alberta on Jan. 18, 2021. Her thesis was entitled “Pathotypes of *Plasmodiophora brassicae* from clubroot resistant canola and assessment of amisulbrom for clubroot control”. Keisha was co-supervised by Drs. Stephen Strelkov and Sheau-Fang Hwang. During her master's, Keisha discovered she has a passion for teaching after serving as a TA and sessional lecturer for several courses. As a result, she has decided to pursue a PhD under the continued supervision of Drs. Strelkov and Hwang, in the hopes of one day becoming a professor herself!

Submitted by Sheau-Fang Hwang and Stephen Strelkov, University of Alberta



From left to right: Sheau-Fang Hwang, Keisha Hollman, and Stephen Strelkov.

Congratulations to Keisha on completion of her MSc. Note the COVID-19 friendly attire!



Congratulations to Drs. Robert Conner, Kan-Fa Chang and Debra McLaren on their retirements!

Three distinguished plant pathologists have recently retired.

Dr. Robert (Bob) Conner was a plant pathologist with Agriculture and Agri-Food Canada (AAFC) for more than 38 years. Initially, Bob worked on diseases of wheat at the AAFC Lethbridge Research and Development Centre for 19 years. Bob was part of a team that developed the first winter wheat cultivar with resistance to the wheat curl mite, an important vector of wheat streak mosaic virus and several other diseases. Bob also carried out numerous studies on the biology and control of black point in soft white spring wheat and common root rot in hard red spring wheat. Along with Eric Kokko and Dr. Bernie Hill, Bob explored the use of image analysis and neural-net technology for the rapid quantification of disease symptoms on wheat. He also worked with a number of postdoctoral fellows on the cytogenetics of disease and vector resistance in wheat derived from related grass species.



Dr. Robert Conner (left), Dr. Debra McLaren (center), and Dr. Kan-Fa Chang (right) have recently retired after long and distinguished careers. Enjoy your retirement!

In April 2001, Bob transferred to the AAFC Morden Research Station, where he focused on diseases of bean and other pulse crops, including field pea, faba bean and soybean. At Morden, Bob evaluated the disease responses of dry bean cultivars and germplasm lines to anthracnose, bacterial wilt, common bacterial blight, marsh spot and white mold. Partially due to his research, anthracnose has not been detected in Manitoba bean crops in years. He also worked on mycosphaerella blight, powdery mildew and root rot of field peas, and root rot in faba beans and *Phytophthora* root and stem rot in soybeans. Bob served as an Adjunct

Professor at the University of Guelph, participated in the supervisory committees of four graduate students, and supervised seven post-doctoral scientists. He worked closely with the Manitoba Pulse and Soybean Growers and sat on its Board of Directors for six years. Dr. Conner has a passion for homeless animals, and in retirement, he plans to spend time volunteering at two animal rescue centres.

Dr. Kan-Fa Chang worked as a plant pathologist with Alberta Agriculture and Forestry (AAF) for over 33 years. During this time, he published more than 116 refereed papers and another 230 research-related non-referred and extension articles, reflecting his active research on many important plant diseases. Kan-Fa started his career with AAF at the Crop Diversification Centre, South Brooks, where he worked on diseases of chickpea, pea and dry bean. Later, he moved to the Field Crop Development Centre in Lacombe, where he continued research on diseases of pea, lentil, lupin, and faba bean. Finally, he spent the final years of his career at the Crop Diversification Centre-North, Edmonton, working on the pathology of field pea, soybeans and faba beans. Kan-Fa also conducted extensive research on diseases of medicinal crops and pioneered the study of diseases of a wide range of crops caused by phytoplasmas. He identified a new species of *Phytophthora* that infects field peas, and conducted extensive studies to identify the prevalent races of downy mildew on peas in western Canada. During his final two years with AAF, his focus shifted to cereal pathology, where he led surveys on tan spot and other foliar diseases of wheat. Kan-Fa served as an Adjunct Professor at the University of Alberta for over 12 years, co-supervising four international visiting scientists, three graduate students, and many undergraduate summer students. In retirement, he plans to spend time organizing the coins and stamps he has collected over the years, as well as gardening and travelling.

Dr. Debra McLaren worked with Agriculture and Agri-Food Canada at Brandon, Manitoba, for over 24 years. She studied the biological control of white mold of dry beans, and developed molecular-based technologies to monitor the diversity in the fungal species comprising the root disease complex of dry bean, field pea and soybean. Debra spent a great deal of time conducting disease surveys of several crops with the Manitoba Pulse Growers. These surveys led to the first race studies of *Phytophthora sojae* in western Canada. She supervised two post-doctoral fellows. Debra loves travelling and ballroom dancing, and hopes to combine these pursuits on a cruise after COVID-19 has gone away. She also loves to garden and preserve the produce from her garden.

Drs. Conner, Chang and McLaren have enjoyed very prolific and successful careers, contributing to advances in agricultural science and demonstrating outstanding dedication and leadership in the agricultural research community. The CPS recognized all three in 2016, as well as Drs. Bruce Gossen and Sheau-Fang Hwang, with the Award for Achievements in Plant Disease Management, for their contributions to the Pulse Crop Research Team. We are very happy for Bob, Kan-Fa and Debra, and wish them all the very best in their retirement.

Submitted by Stephen Strelkov and Sheau-Fang Hwang, University of Alberta



In Memoriam

Dr. Sanjaya Rajaram, “hunger fighter”

We remember with great sorrow the passing of Dr. Sanjaya Rajaram, one of the world’s greatest hunger fighters who passed away 17 February 2021 due to Covid-19, in Ciudad Obregon, Mexico. Rajaram was known globally for successfully leading the International Maize and Wheat Improvement Centre (CIMMYT) Global Wheat Program. He was internationally recognized and invested with numerous awards including the World Food Prize in 2014.

He led the development and release of more than 480 high-yielding, disease-resistant varieties of wheat sown on more than 58 million hectares and grown in 51 countries, increasing global wheat production by more than 200 million tonnes. This incremental wheat production could make the equivalent of about 604.2 billion loaves of bread.

Dr. Rajaram held onto his connection to rural life and delivered the benefits of science to farmers. He was born and raised in Raipur, a small Indian farming village in Uttar Pradesh. Fortunately, he was able to receive an education from some of the world’s most prominent scientists. In India, he received training from M.S. Swaminathan and N.L. Dharwan, and I.A. Watson and N. Derera in Australia where he was awarded a Ph.D. in 1968 with a major in plant pathology and genetics. Upon his return to India, he started working as a postdoctoral



S. Rajaram (left) and R. DePauw (right) discussing wheat breeding in Ciudad Obregon, Mexico in 2018. Photo credit J. Dubin.



J. Dubin (left), S. Rajaram (center), and D. Fernando at the Anderson Lecture at ICPP 2018

fellow with Dr. Glenn Anderson, a Canadian scientist described by Norman Borlaug as a “green fingered agricultural scientist in the broadest context, an excellent judge of human character with infectious enthusiasm and motivation” (Borlaug 1992). Dr. Glenn Anderson headed the Coordinated International Wheat Program for CIMMYT (previously the Rockefeller Foundation) and Indian Council of Agricultural Research. After a short time, Glenn recommended Rajaram to work with Nobel Laureate Dr. Norman Borlaug at CIMMYT Mexico.

Rajaram’s abilities impressed Borlaug and Anderson who promoted him to head of CIMMYT’s Bread Wheat Breeding Program in 1972. Rajaram was appointed as Director, International Wheat Program in 1996 and served as such until his retirement from CIMMYT in 2003. Rajaram was affectionally known as “Raj” and exhibited deep humility, compassion, and understanding. He always led by example.

To deliver the needs of improved genetics in diverse wheat growing areas, Rajaram introduced the concept of Mega Environments in 1988. A Mega Environment was defined as a broad, not necessarily contiguous area, and was transnational. As plant pathogens don’t follow international borders, he was able to deploy improvements in productivity and yield-protecting disease resistant germplasm using diverse sources of germplasm, spring x winter crosses, and interspecific crosses.

Rajaram devoted his talents and energy to incorporate durable non-specific (slow rusting) disease resistance into CIMMYT’s germplasm. This greatly increased the identification and use of unique resistance genes. Further, it led to the understanding of the molecular basis of the resistances. During Raj’s tenure CIMMYT staff were instrumental in sounding the alarm resulting from the detection of extremely virulent stem rust strain Ug99 that had virulence on a large proportion of global wheat varieties. This work has continued through collaborations and enhanced research into stem rust, yellow rust, and leaf rust stimulated by the Borlaug Global Rust Initiative.

To build networks and encourage sharing of information, Raj was instrumental in delivery of the International Wheat Conferences as well as many other workshops. He understood and promoted the value of human resource development by increasing and strengthening CIMMYT’s Basic Wheat Improvement course which has trained over 1700 scientists from around the world. He personally mentored over 700 scientists from numerous

countries. He was the founding Board Chair of the Borlaug Training Foundation.

Raj was often invited to give keynote addresses at conferences. For example: Raj and Jesse Dubin presented “Plant diseases, global food security and the role of R. Glenn Anderson” at the International Congress of Plant Pathology in Boston, MA., USA 2018 (Rajaram and Dubin 2019). Likewise, Raj attended the First International Wheat Congress in Saskatoon 2019.

Dr. Sanjaya “Raj” Rajaram was a special person who made the world a better place through his life and work. May Raj rest in peace. Condolences are sent to his family.

An invited contribution by R.M. DePauw the CPS News

Borlaug NE. 1992. World food security and the legacy of Canadian wheat scientist R. Glenn Anderson. Can J Plant Pathol. 14:254–266.

Rajaram S. 2011. Norman Borlaug: The Man I Worked With and Knew. Annual Review of Phytopathology 49(1):17-30.

Rajaram S. and H. J. Dubin 2019 Plant diseases, global food security and the role of R. Glenn Anderson Can. J. Plant Pathol. 2019 <https://doi.org/10.1080/07060661.2019.1567088>

Mr. Golden Grain: the life and work of the Maharaja of Wheat Dr. Sanjaya Rajaram - by Venkataramani Govindan. Bloomsbury.



Announcements

The Canadian Phytopathological Society Best Educational Video Awards 2021

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 2021 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; videos under 2 minutes and videos between 2-5 minutes in length will be judged under separate categories.
- 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 PST, June 27, 2021

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

Short Video Awards: First Prize: \$100, Second Prize: \$75, Third Prize: \$25
Long Video Awards: First Prize: \$500, Second Prize: \$300

All entries will be judged by the CPS Education Committee.

The awards will be presented at the Awards Ceremony during the 2021 Tri-Society Virtual Meeting of the Canadian Phytopathological Society, the Canadian Society of Agronomy, and the Canadian Horticultural Society.

Société Canadienne de Phytopathologie 2021 Prix de la meilleure vidéo éducative

Admissibilité

Tous les étudiants diplômés, les étudiants de premier cycle, les techniciens de recherche et les boursiers postdoctoraux menant leurs recherches en phytopathologie / pathologie végétale qui travaillent ou étudient dans un établissement canadien sont éligibles. Toutefois, la préférence peut être donnée aux membres de la SCP. Toutes les vidéos seront diffusées lors de l'assemblée annuelle de la SCP en 2021 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; les vidéos de moins de 2 minutes et les vidéos de 2 à 5 minutes seront jugées dans des catégories distinctes.
- 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 PST, 27 juin, 2021

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 grande 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

Vidéos Courtes: Premier Prix: \$100, Deuxième Prix: \$75, Troisième Prix: \$25
Vidéos Longues: Premier Prix: \$500, Deuxième Prix: \$300

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

Les prix seront présentés à la cérémonie de remise lors de la réunion virtuelle des trois sociétés de 2021 de la Société canadienne de phytopathologie, de la Société canadienne d'agronomie et de la Société canadienne d'horticulture.

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 2021

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 multiple images (one per category), but will be eligible for only one award.
- 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 this video 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 PST, June 27, 2021

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 #CPSphotos2021. 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 2021 Tri-Society Virtual Meeting of the Canadian Phytopathological Society, the Canadian Society of Agronomy, and the Canadian Horticultural Society. Winners will be announced during the Awards ceremony at the meeting.

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

Société Canadienne de Phytopathologie 2021 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), mais ne seront éligibles que pour un seul prix.
- 4 En soumettant une photo, vous indiquez que vous acceptez de la partager sur le site Web phytopath.ca et les médias sociaux. De plus, l'autorisation sera accordée pour partager cette vidéo 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 PST, 27 juin, 2021

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 #CPSphotos2021. 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 virtuelle des trois sociétés de 2021 de la Société canadienne de phytopathologie, de la Société canadienne d'agronomie et de la Société canadienne d'horticulture. Les gagnants seront annoncés lors de la cérémonie de remise des prix lors de la réunion

Pour chaque catégorie: Premier Prix: \$75; Second PrizeDeuxième Prix: \$45

Joint CanFunNet and Great Lakes Mycology Conference



We are pleased to announce that registration and abstract submission for the Joint CanFunNet and Great Lakes Mycology Conference is now open!

Check out our new website, where you can find more information about our exciting line-up of plenary speakers, special sessions, resources and sponsors

Deadline to submit registration AND abstract is Wednesday, March 31st at 11:59 pm (EDT)

Deadline for earlybird registration without an abstract is Tuesday, May 18th at 11:59 pm (EDT).

For details or to register, please see the conference website:
<https://conferences.uwo.ca/JCGMC/home>



Call for Applications for 2021 Storkan-Hanes-McCaslin Foundation Awards

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

The foundation was established in 1987 to support graduate student research. To date, \$568,500 has been awarded to 88 promising scientists. In addition to unrestricted cash awards (which range from \$5,000 to \$10,000 and can be used for any purpose that will benefit the education of the student including personal expenses), new awardees will also receive round-trip fares to the 2021 APS meeting in Memphis, Tennessee and are presented their awards at a luncheon attended by their research advisors, previous awardees, and members of the Foundation Committee.

The 2020 Foundation Award winner was **Alexander M. Batson**, Washington State University, Proposal title: Identifying additional resources and tools for the enhanced management of the causal agent of spinach Fusarium wilt, *Fusarium oxysporum* f. sp. *spinaciae*.

A major aim of the foundation is to encourage research by offering financial assistance to graduate students who are working on soil-borne diseases of plants. The research must be done in the United States, Canada, or Mexico. Foundation policy is to contribute to the education of the student. Grants are made on a yearly basis and may be renewed upon review by the committee. Since the award is highly competitive, we encourage unsuccessful applicants to update their proposal for future consideration. The research for which the award is given is expected to be performed by the applicant during the academic year 2021–2022, and a one-page progress report is due one year from the date of the award. It would be appreciated if the Foundation were acknowledged in research publications stemming from this Award.

To be considered for funding, each proposal should be carefully prepared in accordance with the instructions given below and submitted electronically, no later than May 1, 2021 to Dr. Michael Stanghellini (Chair of the Selection Committee), e-mail address: michael.stanghellini@ucr.edu

Please submit a combined file containing:

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

Preference will be given to those proposals containing innovative, creative, and/or novel research approaches to the stated objective(s), and to the overall quality (organization, correct English grammar and spelling) of the written proposal. Funding will begin September 1, 2021.



14th International Conference on Plant Pathogenic Bacteria - Postponed until July 2022

We would like to announce that the 14th International Conference on Plant Pathogenic Bacteria (14th ICPPB)-Assisi (Italy) is further postponed and rescheduled to 3-8 July, 2022 (see web site www.icppb2020.com) as a consequence of the COVID-19 pandemic.

Best regards

The Co-Chairmen of the Scientific and Organizing Committees
Nicola Sante Iacobellis and Roberto Buonauro



Young Scientists' Corner

FEATURED STUDENT:

Marla Roth

University of Alberta



Marla and her canola!

Growing up in rural Alberta, I developed a passion for the natural world and appreciated the outdoors. Our acreage property was diverse with insects, amphibians, wild plants, and many other species. Spending time in nature fueled my interests and passions that I took with me into adulthood. Upon graduating high school, I studied for a diploma in Business Administration which led me to a career in real estate administration. Clearly, I had significantly lost touch of my outdoor passions!

After a short and miserable business career, I enrolled in the University of Alberta's Environmental Sciences undergrad program where I met like-minded individuals and discovered my confidence. As an undergraduate researcher, I completed a field study where I analyzed phloem chemistry of lodgepole pine trees attacked by mountain pine beetle and compared them to their healthy counterparts. My research results were valuable to the field of forestry; it also highlighted my interest in scientific research. The challenge of developing and executing my own experiment prompted me to apply for a Master's degree in Plant Pathology in 2019. I am currently studying how using hydrated lime to manage clubroot of crucifers potentially causes this acidic-loving soilborne pathogen to increase its tolerance for alkaline soil and in turn adapt to it, rendering lime useless as a management tool. In fact, there may already be alkaline tolerant strains of clubroot and these strains may proliferate if lime is no obstacle to them. Clubroot is becoming increasingly difficult to control on the Canadian prairies so our understanding of the nature of this pathogen must evolve just as clubroot continues to evolve and spread.

What I feel most proud of regarding my educational journey is my diverse background. While my administrative roles were unenjoyable, I truly believe they helped push me to where I really belong. It is valuable to try different things; if they do not work out, at least you learned something about yourself. My environmental sciences program developed my confidence and passion for plants, which encouraged the skills I needed to study an agricultural plant-pathogen system. I love learning about plants and the organisms that can overtake them. I reside in Edmonton with my husband, Travis, my dog Teddy, and two cats, Pippa and Farley.



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@isppweb.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 50 (12) December 2020

IN THIS ISSUE:

- Seasons Greetings
- The South African Journal of Science celebrates the International Year of Plant Health
- Postponed conference due to COVID-19
- Genetics behind deadly oat blight identified
- Historical virus isolate collections
- Pathways for advancing pesticide policies
- How do tips of plants stay virus-free?
- Engaging students online
- Plant Health Progress 2021 focus issue on Oomycetes

- Current Vacancies
- Acknowledgements
- Coming Events

ISPP Newsletter 51 (1) January 2021

IN THIS ISSUE:

- ISPP President's Greetings for 2021
- ISPP-Report for 2020
- Obituary of Associate Professor Theresa Ann Sheila Aveling, 16 December 1962 - 18 December 2020
- Postponed conference due to COVID-19
- Environment and pathogens shape local and regional adaptations to climate change in the chocolate tree
- Grapevine powdery mildew: from fundamental plant pathology to new and future technologies
- Proteins enable crop-infecting fungi to 'smell' food
- Reducing pesticide use with nanoparticles
- Current Vacancies
- Acknowledgements
- Coming Events

ISPP Newsletter 51 (2) February 2021

IN THIS ISSUE:

- Book Review: Plant Pathology and Plant Diseases
- A History of Plant Pandemics: New case studies from the British
- Society for Plant Pathology
- Postharvest Pathology Next Generation Solutions to Reducing Losses
- and Enhancing Safety – New book
- First issue of *PhytoFrontiers* is here
- Predicting future global impacts of the genus *Phytophthora*
- CGIAR International Year of Plant Health webinar series
- Study finds large-scale expansion of stem rust resistance gene in barley
- and oat
- Reforestation for Biodiversity, Carbon Capture and Livelihoods
- 2021 Australasian Plant Pathology Society Conference
- Current Vacancies
- Acknowledgements
- Coming Events

ISPP Newsletter 51 (3) March 2021

IN THIS ISSUE:

- CALL for bids to host the 13th International Congress of Plant
- Pathology, ICPP2028
- Postponed conference due to COVID-19
- Plant diseases changed the world - A new podcast
- New ebook provides latest information on Western Australian soil to improve agriculture outcomes
- Announcing the *Phytopathology* and *MPMI* 2022 Focus Issues
- Plant Doctors ACIAR video
- Panama disease breakthrough sparks US funding
- Myrtle Rust National Symposium
- Nematophagous fungi from *Heterodera schachtii*
- Lab focuses on addressing emerging forest diseases
- 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.

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Contact the Editors

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Submission Deadline for the June 2021 Issue of CPS-SCP News

PLEASE NOTE: The submission deadline for the June 2021 issue of CPS - SCP News is May 28, 2021. 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.

