



Canadian Weed Science Society  
Soci t  canadienne de malherbologie



## March 2022 Newsletter: News You Can Use

### Message from the President – Harold Wright



As I write this message, there is a growing sense of optimism as we move into a new phase of the Covid-19 pandemic; one where our personal and professional lives can (hopefully) look more like pre-pandemic days. We've all endured many challenges over the past two years and our society is no different. Our joint meeting with WSSA marked the second annual meeting to be delivered virtually. As a board, we've not met face-to-face since I joined after the November 2019 meeting in Kelowna. But despite all this, our society is in great shape! Through the leadership of our past presidents the board and executive have carried on without interruption and delivered two successful virtual meetings. I've been constantly impressed by the innovation and resilience of those who work in agricultural sciences, and our society is no exception.

I look forward to my role as CWSS-SCM President this year and working with our Board of Directors, Executive Committee and the many functional committees that keep the society moving along. First, a little about myself. My current title is Technical R&D Manager at Syngenta Canada, where I'm leading strategies to bring new crop protection technologies to the Canadian market. I've been with Syngenta over 30 years now (hard to believe how fast time flies!) mostly in field research and development management roles. Over that time, I've had the opportunity to work with a lot of great people in our weed science community. I've always valued those relationships and the culture of our society, and I feel honored to hold the gavel for this term.

We recently held our annual meeting in conjunction with the Weed Science Society of America. As you know, it was intended to be held in Vancouver B.C. but travel guidelines meant a late-stage move to virtual. That transition required changes in the agenda, but both CWSS and WSSA boards were determined that the meeting would focus on live student presentations while other talks were pre-recorded. In the end it was a successful meeting and CWSS-SCM was very well represented. Thanks for your continued engagement and support. Our graduate students, once again, showed that the future is very bright for weed science in Canada! We owe a big thank-you to Victoria Brookes who chaired the Local Arrangements Committee for the meeting. Victoria brought together a team from both WSSA and CWSS and had us all very well organized for an in-person joint meeting. I also want to call out the contribution of LAC member David Clements; David coordinated the plenary speakers as well as the CWSS student program and was a leading force in the success of the joint meeting. Throughout the planning, we had excellent collaboration with our US colleagues. WSSA has confirmed that they will be 'returning' to Vancouver for their February 2025 annual meeting and they have invited us to join them once again. More to follow on this as details are confirmed.

The Board of Directors has only a few changes for 2022. First, I'd like to acknowledge Marie-Jos e Simard as she steps down as President. Marie-Jos e served an extended term as President and provided leadership through pandemic years and two virtual meetings. Despite the challenges she was always positive, always collaborative, and always a pleasure to work with. One of her great skills is the ability to simplify an issue to find an effective resolution, and we'll continue to seek her guidance in her new role as Past President. Fran ois Tardif has stepped down from the board and has passed the role of WSSA delegate to Darren Robinson, our new 1st Vice-President.

We also welcome Jeanette Gaultier as 2nd Vice-President. Jessica Weber has rotated off the board as Member at Large (West), replaced by Dilshan Benaragama. A sincere thank-you to Jessica and François for your contributions, and a big welcome to Dilshan, Jeanette and Darren. To everyone on the board and various committees, I am extremely grateful for the time and effort you contribute to our society. Looking ahead in 2022, our first goal is to host a face-to-face annual meeting in Halifax in November! Scott White, our Local Arrangements Committee Chair, along with co-chair Andrew Mackenzie-Gopsill, are well ahead in the planning. This will be our second joint meeting in 2022 - this time with the Canadian Society of Agronomy. Scott is building an excellent program and we're all looking forward to seeing everyone again. We will keep communicating with you through timely newsletters and emails, and we're always open to ideas on how we can provide you more value as a member and advance as a society. Please reach out if you'd like to get more involved. Stealing a line (with permission) from Gavin Graham, "The society is stronger with more people involved". I couldn't say it better.

Best wishes for a healthy and successful 2022.  
Harold Wright, CWSS-SCM President

## CWSS Member Profiles



CWSS Member Profile

Get to know Jeff Bertholet, Manager, Technical Services, BASF Canada!

[Click Here](#)



CWSS Graduate Student Profile

Get to know Kathryn Aldridge, an M.Sc. Candidate in Plant Science at the University of Saskatchewan !

[Click Here](#)

## 2022 WSSA/CWSS Joint Annual Meeting Recap



The 2022 WSSA/CWSS Joint Annual Meeting was virtual this year and ran from February 21-24th and was a great success! It was great to see everyone and share new research, industry news, and general weed science information. Thank you to the planning committee, participants, graduate students, and sponsors for an excellent meeting.

Congratulations to all award winners !

CWSS-SCM Outstanding Industry Member Award: **Mitch Long**

Excellence in Weed Science Award: **Scott White**

CWSS-SCM Outstanding Professional Staff Award: **Louis Molnar**

CWSS-SCM Presidential Meritorious Service Award: **Gavin Graham**

Canadian Journal of Plant Science Outstanding Weed Science Paper Award: **Herbicide strategies for managing glyphosate-resistant and -susceptible kochia (*Bassia scoparia*) in spring wheat** by Alysha Torbiak, Robert E. Blackshaw, Randall N. Brandt, Bill Hamman, and Charles M. Geddes

WSSA Outstanding Research Award: **Peter Sikkema**

M.Sc. Graduate Student Scholarships

1st place: **William Kramer**

2nd place: **Meghan Dilliott**

3rd place: **Andrew Laplante**


PhD Graduate Student Scholarships

1st place: **Patrick Hennessy**

2nd place: **Craig MacEachern**

3rd place: **Khaldoun Ali**


CWSS-SCM Student Presentation Awards: **1<sup>st</sup> Place**



Impacts of Low R/FR Light Environments on Nitrogen Assimilation in Corn (*Zea mays*)  
Canadian Weed Science Society Presentation  
William Kramer  
Sasan Amirsadeghi, François Tardif, Clarence Swanton

William Kramer  
University of Guelph  
Impact of Low R/FR Light Environments

Sponsored by:



CWSS-SCM Student Presentation Awards: **2<sup>nd</sup> Place**



When using dicamba, 2,4-D ester, halauxifen-methyl or pyraflufen-ethyl/2,4-D for glyphosate-resistant horseweed control in soybean, which third tankmix partner is better, saflufenacil or metribuzin?  
Presented By: Meghan Dilliott  
M.Sc. – University of Guelph  
WSSA/CWSS Joint Annual Meeting  
February 23<sup>rd</sup>, 2022

Meghan Dilliott  
University of Guelph

Sponsored by:



CWSS-SCM Student Presentation Awards: **3<sup>rd</sup> Place**



Tolerance of Four Dry Bean Market Classes to Flufenacet, Acetochlor, and S-Metolachlor Applied Preplant Incorporated  
Hannah Symington  
MSc Candidate  
UNIVERSITY OF GUELPH

Hannah Symington  
University of Guelph  
MSc Candidate

Sponsored by:



CWSS-SCM Poster Awards: **1<sup>st</sup> Place**

“Discovery of the first glyphosate-resistant grass weed in Canada”  
**Charles Geddes, and Mattea Pittman**



Discovery of the first glyphosate-resistant grass weed in Canada  
2022  
Date: 10-10-2022 10:00 AM

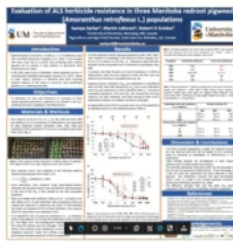
Sponsored by:



## CWSS-SCM Poster Awards: 2<sup>nd</sup> Place

“Evaluation of ALS herbicide resistance in three Manitoba redroot pigweed (*Amaranthus retroflexus* L.) populations”

**Sampa Sarker, Martin Laforest, and Robert Gulden**



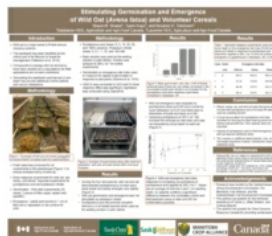
Sponsored by:



## CWSS-SCM Poster Awards: 3<sup>rd</sup> Place

“Stimulating germination and emergence of wild oat (*Avena fatua*) and volunteer cereals”

**Shaun Sharpe, Taylor Kaye, and Breanne Tidemann**



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## Thank you to all of our award sponsors



**Congratulations again to all of the award winners!**



## CWSS Graduate Student Defence Announcements

Congratulations to the graduate students who have recently defended !

**Khaldoun Ali**, PhD, University of Saskatchewan, successfully defended on Jan. 26, 2022.

**Meghan Dilliot**, M.Sc., University of Guelph, successfully defended on February 7, 2022.

**Nicole Berardi**, PhD, University of Guelph, successfully defended on March 10, 2022.

## Where Are They Now: Graduate Student Updates

Now that they have successfully defended and completed their graduate studies, what are CWSS graduate students up to now?

I moved to Canada in early 2017 and joined the Department of Plant Sciences at the University of Saskatchewan as a doctoral student after many years of graduate studies in the Middle East and Europe (UK). (I also joined the CWSS around the same time). My overall expertise spans both insect and plant sciences and centers around Ecology and Evolution research. My doctoral research revolved around Plant-Insect Ecology, and focused mainly on the ecology of carabid weed seed predation in agroecosystems. In particular, I worked on producing mechanistic knowledge around the sensory, behavioural, nutritional, and biophysical ecology of seed discrimination and selective seed foraging in carabid seed predators. Some of my studies have already been published, and the remaining studies are being prepared for publication. I successfully defended my thesis on Jan 26, 2022, and will be graduating in Spring. I have also been offered a post-doctoral fellowship position at the Department of Plant Sciences, University of Saskatchewan, and I will be starting my new position in the near future. I am hoping to do further mechanistic research studies on carabid weed seed predation systems in my post-doctoral studies, and thus contribute more to Weed Science and Insect Ecology.

Grad students, if you would like to share a career update, email Tasha at [tasha\\_061@outlook.com](mailto:tasha_061@outlook.com) to be featured in future newsletters !

## Join the CWSS-SCM !

If you have not paid your membership dues for 2022, please contact Kristina Polziehn, CWSS-SCM Executive Assistant, at [cwss.scm.assistant@gmail.com](mailto:cwss.scm.assistant@gmail.com). We can accept cheque or put through the membership dues via credit card over the phone. Please note that if you attended the February 2022 WSSA/CWSS virtual meeting, your membership fees for 2022 were included in the meeting fees.

## Free Journal Access

You read that right, FREE ! CWSS members now get free access to the Canadian Journal of Plant Science (CJPS) ! One of the many perks of becoming and remaining member. Go to the [CJPS website](#) to search for and read the latest weed science, and other plant related research.

## Share Your News and Events

Know of an upcoming conference, meeting, or virtual event ? Let us know ! Share information about upcoming events you think CWSS-SCM members would be interested in learning about !

Email Tasha Valente at [tasha\\_061@outlook.com](mailto:tasha_061@outlook.com) to have your news or event featured in our upcoming newsletters or monthly email blasts.

## Thank You to Our Sponsors



Canadian Weed Science Society

[weedscience.ca](http://weedscience.ca) | [cwss.scm.assistant@gmail.com](mailto:cwss.scm.assistant@gmail.com)  
6000 C&E Trail Lacombe, AB, T4L 1W1, Canada

