



Why join the Professional Pest Management Association of B.C.?

Consider the member benefits

- Admission to the Annual General meeting and a copy of the proceedings. The AGM has gained a reputation for strong agendas and interesting speakers
- An established means for communication among your professional peers
- Your copy of *Pesticulars* the popular PPMA newsletter, published twice a year, including the AGM proceedings
- A facility to shop your resume while looking for employment
- A venue for students to talk about their research
- And ... the lowest membership fee for any professional organization ... *on the planet*

www.sfu.ca/~ppmabc

The Association's Objectives:

1. To promote professionalism in the practice of pest management for the protection of crops, livestock, public health and the environment in British Columbia;
2. To encourage scientific research and dissemination of information on pest management methods; and
3. To contribute to proposed regulatory legislation pertaining to any aspect of pest management.

Executive members

- President: Cristina Machial
- Past President: Tracy Hueppelsheuser, BC Ministry of Agriculture
- Vice President: Kristine Schlamp, Kwantlen Polytechnic University
- Secretary: Jen Scholefield, Simon Fraser University
- Treasurer: Tammy McMullan, Simon Fraser University
- Student Rep: Sebastian Ibarra, Simon Fraser University
- Membership Director: Carolyn Teasdale, ES Cropconsult Ltd.
- Pesticulars and Web Editor: Scott Johnson, Simon Fraser University

PPMABC meetings webpage address:

<http://www.sfu.ca/~ppmabc/en/meetings.html>

Past Presidents Report to the 2013 Annual General Meeting, Tracy Hueppelsheuser:

I enjoyed my time as president of the PPMABC this year. It was an opportunity to continue my involvement with one of BC's unique professional groups, meet some new people, and plan a great event, which we hope will be a highlight of 2013. It was a pleasure to partner with the MacCarthy Lecture Foundation and Dr. Bernie Roitberg of SFU to host the Feb 25 AGM and Lecture; thank you to all for your efforts in this collaboration. I would like to personally thank the executive of the PPMABC, for their ideas, enthusiasm, and efforts through the year while we worked on the website, member outreach, and the annual AGM and symposium. The executive in 2012/13 are: Jim Matteoni, Cristina Machial, Carolyn Teasdale, Tammy McMullan, Erin Adams, Scott Johnson, and Sebastian Ibarra.

Membership Director's Report to the 2013 Annual General Meeting, Carolyn Teasdale:

Our paid membership at the end of 2012 stood at 21 regular members, 5 student members and 20

Pesticulars, PPMABC, Fall 2013

honorary members. A membership reminder notice sent out in November 2012 brought in membership dues from four members previously in arrears. Compared to 2011, membership numbers have increased slightly. In 2011, we had 15 regular members, 10 student members and 19 honorary members. By pairing our symposium with the HR MacCarthy Lecture this year we hope to increase student awareness of the PPMABC and membership numbers for 2013.

Incoming President Biography: Dr. Cristina Machial recently completed her post-doctoral research with Contech Enterprises, Inc, in partnership with the Institute for Sustainable Horticulture at Kwantlen Polytechnic University. During this time, she worked to develop a biological control for the



black vine weevil, *Otiorhynchus sulcatus*. She grew up on an Okanagan orchard and worked as a horticultural technician for several summers in the Okanagan, stimulating her interest in tree fruit pest management. Cristina also has the dubious distinction of finding the first known apple clearwing moth (*Synanthedon myopaeformis*) in North America while working on her graduate research in a Similkameen apple orchard.

Proceedings of the 2013 Symposium: *The Changing Face of Pesticides in Our Society* In Conjunction with *The HR MacCarthy Lecture* February 25, 2013, Simon Fraser University, IRMACS Centre

Thank you to our sponsors:

- ES Croconsult Ltd.
- The Bug Factory
- Koppert Biological Systems
- SFU Biology Grad Caucus
- SFU Department of Biological Sciences
- The HR MacCarthy Pest Management Lecture Endowment Fund

Student Presentations

Thank you to the anonymous judges of the student papers.

Re-slicing the pie: Invasive species and community resources. Tanya Stemberger, M. Boers, and B. Roitberg. Simon Fraser University

Cool climate and climbing cutworm: Biological control of a grape pest. Scott Johnson¹, T. Lowery², J. Cossentine², and J. Cory¹. ¹Simon Fraser University, and ²Agriculture and Agri-Food Canada

Are fungi and parasitoids compatible for controlling aphids in greenhouses? Yasmine Norouzi¹, J. Cory¹, and D. Gillespie². ¹Simon Fraser University, and ²Agriculture and Agri-Food Canada

The ability of *Bembidion lampros*, a small carabid, to pass through mesh exclusion fencing. Erin Adams¹, B. Roitberg¹, and R. Vernon². ¹Simon Fraser University, and ²Agriculture and Agri-Food Canada

Student Presentation Award

Scott Johnson, SFU, receiving his award from PPMABC past president, Dr. Jim Matteoni



Symposium Presentations

The changing face of pesticide application. Madeline Waring, Pesticide Specialist, BC Ministry of Agriculture

Impact of insecticides on pests and biocontrol agents: Lessons from canola and cotton. Rana M. Sarfraz¹, J.S. Cory², and J.H. Myers¹. ¹University of British Columbia, and ²Simon Fraser University

Pesticulars, PPMABC, Fall 2013

Agricultural Pesticides: a decade of changes.

Caroline Bedard. Pesticide Minor Use Coordinator/Regulatory Specialist, BC Ministry of Agriculture

Survival of cabbage loopers during winters: Potential carryover of insecticide resistance?

Rana M. Sarfraz, V.M. Cervantes, and J.H. Myers. Department of Zoology, University of British Columbia

Pesticides used today in structural pest control: what we spray and what people say.

Lucian Mircioiu, Bioconcept Pest Management Ltd.

Effect of temperature on insecticide efficacy.

Wim Van Herk, AAFC, Pacific Agri-Food Research Centre, Agassiz, BC

Area-wide management of codling moth and the promises of chemical ecology: Canadian innovation in action. Gary Judd, Research Scientist, Entomologist, Agriculture and Agri-Food Canada, Pacific Agri-Food Research Centre, Summerland, BC

Contech Award for Excellence in Pest Management

Recipient for 2013: Arthur A. Guite BSc., MPM, RPHI©, P.Ag. Presented by Dr. John Borden, Contech Inc.



Art was unable to be at the Awards presentation, so his son accepted on his behalf. Art is an experienced pest manager with specialized skills in managing or eliminating unwanted organisms in sensitive environments. Additional skills include risk management, hazard assessment, provision of training courses, policy development, technical writing, teaching and small business management. Other skills include environmental farm planning and farm advising. Art holds a Masters in Pest Management, Simon Fraser University, and a B.Sc. (Hon.) in Biology and Forest Biology, University of B.C., and a Diploma, Public Health, B.C. Institute of Technology. Art is a Professional Agrologist and a Registered Public Health Inspector.

Lifetime Achievement Award

Recipient for 2013: Dr. Gary Judd, PhD. Presented by Tracy Hueppelsheuser, President, PPMABC.



Dr. Gary Judd holds a BSc, Master of Pest Management, and a PhD from Simon Fraser University. He is currently working as a Research Scientist & Tree Fruit Entomologist with Agriculture and Agri-Food Canada. Research priorities are the development of integrated pest management programs, including organic IPM, for insect pests of tree fruits using applied behavioural ecology. Research interests include the use of semiochemicals in pest management, host-selection behaviour, and development of models and decision aids to improve area-wide IPM systems. In addition, Gary has been self-employed as a private crop consultant in the Fraser Valley. Over the course of his career thus far, Dr. Judd has taught numerous university courses, mentored and supervised many students, given countless public addresses, peer

Pesticulars, PPMABC, Fall 2013

reviewed scientific papers, and led professional committees. Dr. Judd is a long-standing member of the Entomological Society of BC and Entomological Society of Canada.

HR MacCarthy Lecture

We would like to thank Bernie Roitberg and Murray Isman for hosting this year's HR MacCarthy Lecture in conjunction with the 2013 PPMABC Symposium and AGM. This year's talk was presented by Dr. Joel Coates, Charles H.F. Curtiss Distinguished Professor, Entomology & Toxicology, from Iowa State University.



Green chemistry approaches to pest management.

Presented by Dr. Joel Coates, Charles H.F. Curtiss Distinguished Professor, Entomology & Toxicology, Iowa State University

The Thelma Finlayson Centre for Student Engagement



Photograph courtesy of SFU News

Professor emerita Dr. Thelma Finlayson (PPMA Honorary Member, 1984) has been recognized for advising students at Simon Fraser University's Academic Advice Centre for almost 40 years. On October 11, 2012, a new facility named in honour of 99 year old Dr. Finlayson, was officially

opened. This new centre will focus "enriching the student experience on campus".

Many members of the PPMA know Thelma very well, as she was one of the founding members of the Master of Pest Management program at SFU.

She is recognized as an expert in taxonomy, insect parasitoids and biological control. Thelma received her B.A. (Hons.) and M.Sc. in Biology from the University of Toronto, 1936. With few opportunities for women to work in science, she returned to college and completed a Teaching Certificate in 1937. Her love of biology pulled her away from the classroom and back to the laboratory, initially as a volunteer and eventually as the first woman to be hired as a Technical Officer for the Dominion Institute for Biological Control. Following her marriage to Leonard Roy Finlayson in 1940, government regulations prohibiting married women from working for the federal government, forced Thelma into retirement. Wartime labour shortages allowed her to return to work at the Dominion Laboratory in 1942. When the war ended, Thelma successfully challenged government regulations that required women to resign their positions, establishing an important human rights precedent for the Federal Civil Service. In 1964, Thelma was promoted to the highest level of Research Scientist.

In 1967, Thelma joined SFU's Department of Biological Sciences, as one of the founding members of the Pestology Centre (a.k.a. the Centre for Pest Management). There are now more than 250 recipients Master of Pest Management degrees. Thelma's teaching and service record at SFU were exceptional. Even though she retired in 1979, Thelma continued to volunteer her time at Academic Advice until ill health prevented her from doing so. Her contributions to the SFU also include 4 annual scholarships totalling \$22,000 for MPM students and an endowment to support a Professorship/Chair in Biological Control. In recognition of her service, the benevolent society of SFU bears her name.

Her commitment to science and SFU has garnered her many honours and awards: The Order of Canada, 2005; Honorary LL.D., SFU, 1996; The SFU President's 40th Anniversary Award, 2006; Fellow of the Entomological Society of Canada, 1993; Honorary Member of the

Pesticulars, PPMABC, Fall 2013

Entomological Society of Canada, 1990; Honorary Life Member of the Entomological Society of BC, 1985; Foundation Honorary Member, Professional Pest Management Association of British Columbia, 1984; Honorary Member, Golden Key International Honour Society, 2000; Award of Excellence, Department of Biological Sciences SFU 1996; C.D. Nelson Memorial Prize 1986.; Two species of insects have been named in her honour - a Oakworm Moth *Anisota finlaysoni* Riotte and a wasp, *Mesopolobus finlaysoni* Dglr.

Please join me in congratulating Thelma on this latest honour.

Prepared by: Tammy McMullan

Endnotes

Upcoming Meetings and Events

- **Entomological Society of Canada:** The 2013 Joint Annual Meeting between the Entomological Society of Ontario and the Entomological Society of Canada will be held between October 20-23, 2013 at the Delta Guelph Hotel & Conference Centre and the University of Guelph in Guelph, Ontario. This year will be the 150th Anniversary of the ESC. <http://www.esc-sec.ca/>
- **Entomological Society of British Columbia:** The 2013 AGM & Symposium will be November 1 and 2 at the Pacific Forestry Center in Victoria. Check the following for updates: <http://blogs.sfu.ca/groups/esbc/meetings/>

Electronic Publishing

Pesticulars is now an electronic publication. To ensure that you receive your copy, please send us an updated email address. Email addresses and mailing information (for ballots and voting information) can be sent to Tammy McMullan (ppmabc@sfu.ca).

Website

Our new website address is www.sfu.ca/~ppmabc/. Check it out for information on our association, contact details, copies of *Pesticulars*, and upcoming events.

Facebook check us out and 'like' us!

Pesticulars Submissions

We are always looking for pest management topics to publish. If you or know of others who have information to relay, exciting research to share, or upcoming events that

you would like posted in one of our issues, please contact us at ppmabc@sfu.ca, or directly contact an executive member.

***KEEP YOUR EYES ON THE WEBPAGE;
Information on the 2014 AGM will be coming
this winter!***

***The Annual General Meeting and Symposium
will be in February 2014; please plan to attend!***