



SENIORS'  
COLLEGE  
ASSOCIATION  
OF NOVA  
SCOTIA

SCANS is a registered non-profit organization dedicated to providing non-credit academic courses to seniors (age 50+) in Nova Scotia

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## SENIORS' COLLEGE ASSOCIATION OF NOVA SCOTIA

# PUBLIC LECTURE

April 16, 2018 (Monday)

1:30 – 3:30 pm (doors open at 1:00 pm)

Captain William Spry Community Centre, 16 Sussex St., Halifax

### Pollinator declines & pesticides: are neonicotinoid insecticide seed treatments important?

Insecticides are often (but not always!) toxic to bees, and most people probably have at least some aversion to pesticides. It's therefore not surprising that insecticides, particularly the so-called "neonicotinoid" insecticides, have become a lightning rod for debate over concerns of pollinator declines. In this talk, I will contextualize the different aspects of this problem, review pollinator declines, point to some misconceptions on this issue, overview pesticide risk assessment process for pollinators, and discuss field studies that have attempted to characterize the risks that dietary exposure to pollen and nectar from neonicotinoid seed-treated canola and corn pose to honey bees and bumble bees, respectively.



**CHRIS CUTLER** holds degrees from Memorial University, Simon Fraser University, and the University of Guelph, and conducted post-doctoral research at the University of British Columbia. He has been at the Dalhousie University Faculty of Agriculture since 2007, where he teaches and conducts research mainly in the areas of insect pest management and insect ecotoxicology. Dr. Cutler has received national awards for his research from the Entomological Society of Canada and the Agricultural Institute of Canada. He has published extensively on pesticide risks to pollinators and stimulatory effects of insecticides on insects, and has delivered many invited talks on these topics in Canada, the United States, Brazil, China and Europe.

**NOTE:** Seating is limited to 100 people – on a first-come, first-admitted basis. Lectures are open to all. Registration is not required. Goodwill donations are gratefully accepted. Suggested donation: \$5. Donation boxes will be available. Proceeds will be used to support future SCANS activities. Please avoid wearing scents if possible – some people have allergies.

**CANCELLATIONS:** Will be posted on the SCANS website: [theSCANS.org](http://theSCANS.org)