

Dr. Simon Lachance Biography

Dr. Lachance is currently a College Professor and Program Coordinator of the Diploma in Environmental Management at the University of Guelph Ridgetown Campus. He obtained his Ph.D. in the field of biological control of pests at the University of Guelph in 2000, following a M.Sc. in Biology and a B.Sc. in Agronomy at Laval University. His areas of expertise relates to practical issues in the management of insect pests, mostly related to organic agriculture and low risk insecticides and repellents.

In recent years, he has been involved with research projects dealing with the management of pest flies using biocontrol agents and natural bioactive products from plants (mainly essential oils). Dr. Lachance has worked extensively on the control of *Lygus* plant bugs using biocontrol agents. Recent projects include "Saponins as inducers of host resistance for insect and disease management in organic greenhouse production" funded by AAFC-GF3 and Ontario Greenhouse Vegetable Growers, "Environmental risk assessment of neoclassical biological control of *Lygus* bugs with the exotic parasitoid wasp *Peristenus digoneutis* in Canada" funded by AAFC, "Best Management Practices for Control of Nuisance Flies in Poultry Production" funded by OMAFRA, "Bioactive Products from Plants and Control of Internal and External Parasites in Large Ruminants", funded by AAFC-GF2 and Dairy Farmers of Canada, and "Management of Biting Midges as Vectors of Bluetongue Virus" as part of a research leave for 8-months in France (CIRAD, Montpellier).