Michelle Franklin
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EDUCATION

2004 – Present	Ph.D. Department of Zoology University of British Columbia, Vancouver BC
1997 – 2003	B.Sc. Environmental Science, Biology Stream Simon Fraser University, Burnaby BC

SCHOLARSHIPS & AWARDS

2007	Entomological Society of Canada Student Travel Award
2007 – 2008	Ph.D. Tuition Fee Award
2006 – 2008	NSERC Postgraduate Scholarship
2006 – 2007	Ph.D. Tuition Fee Award
2005 – 2006	BC Greenhouse Growers' Association Project Funding
2005 – 2006	Biocontrol Network Research Funding
2004 – 2006	NSERC Canada Graduate Master's Scholarship
2004 – 2005	Faculty of Science Grant Supplement Award
2004 – 2005	Graduate Entrance Scholarship
2003	NSERC Undergraduate Student Research Award
1999 – 2003	Simon Fraser University Open Undergraduate Scholarship
2002 – 2003	Alumni Scholarship Endowment Fund
2001 – 2003	Cement Association of Canada Environmental Scholarship
2002	NSERC Undergraduate Student Research Award

PUBLICATIONS

Franklin, M.T. and J.H. Myers. 2008. Refuges in reverse: the spread of *Bt* resistance to unselected populations of cabbage looper. *Agriculture and Forest Entomology*, 10: 1-9

Morandin, L.A., Winston, M.L., Abbott, V.A., and M.T. Franklin. 2007. Can pastureland increase wild bee abundance in agriculturally intense areas? *Basic and Applied Ecology*, 8: 117-124.

Morandin, L.A., Winston, M.L., Franklin, M.T., and V.A. Abbott. 2005. Lethal and sub-lethal effects of spinosad on bumble bees (*Bombus impatiens* Cresson). *Pest Management Science*, 61: 619-626.

Franklin, M.T., Winston, M.L., and L.A. Morandin. 2004. Effects of clothianidin on *Bombus impatiens* (Hymenoptera: Apidae) colony health and foraging ability. *Journal of Economic Entomology*, 97(2): 369-373.

CONFERENCE PRESENTATIONS

Franklin, M.T., and J.H. Myers. 2007. Refuges in reverse: the spread of *Bt* resistance to unselected cabbage looper populations. Entomological Society of British Columbia, Victoria, BC (oral presentation).

Franklin, M.T., and J.H. Myers. 2007. Refuges in reverse: the spread of *Bt* resistance to unselected cabbage looper populations. Entomological Society of Canada, Saskatoon, SK (oral presentation).

Franklin, M.T., and J.H. Myers. 2007. Population structure of *Bt* resistance in greenhouse and field populations of cabbage loopers. Society of Invertebrate Pathologists, Quebec City, Quebec. (oral presentation by Myers).

Franklin, M.T. and J.H. Myers. 2007. Patterns of resistance to *Bt* in migratory and structured populations of the cabbage looper. Zoology Graduate Student Symposium, University of British Columbia, Vancouver, BC (oral presentation – runner-up for best PhD talk).

Franklin, M.T. and J.H. Myers. 2007. The spread of resistance to unselected cabbage looper populations. BC Greenhouse Growers' Research Day, University College of the Fraser Valley, Chilliwack, BC (oral presentation).

Franklin, M.T. and J.H. Myers. 2006. Local and regional patterns of *Bt* resistance in cabbage looper, *Trichoplusia ni* populations. Entomological Society of Canada, Montreal, QC (poster presentation).

Franklin, M.T. and J.H. Myers. 2006. Population structure of the cabbage looper in greenhouse and field crops: implications for the development of resistance to *Bt.* BC Greenhouse Growers' Research Day, Kwantlen University College, Langley, BC (oral presentation).

Franklin, M.T. and J.H. Myers. 2006. Determination of the population structure of the cabbage looper, *Trichoplusia ni* in greenhouse and field crops as a tool in reducing resistance to the microbial insecticide, *Bacillus thuringiensis.* Pacific Northwest Ecology and Evolution Retreat, Vancouver, BC (poster presentation).

Franklin, M.T. and J.H. Myers. 2004. Population structure of *Trichoplusia ni* (Lepidoptera: Noctuidae) in commercial vegetable greenhouses and cruciferous field crops. Pacific Northwest Ecology and Evolution Retreat, Vancouver, BC (poster presentation).

Franklin, M.T., Winston, M.L., and L.A. Morandin. 2003. Effects of clothianidin on *Bombus impatiens* (Hymenoptera: Apidae) colony health and foraging ability. Entomological Society of America, Cincinnati, OH, USA (oral presentation).

RESEARCH EXPERIENCE

Research Assistant **May 2001 – Sept 2002**
Winston Lab, Simon Fraser University, Burnaby BC **Jan 2004 – Aug 2004**

- Examined effects of the novel insecticides, spinosad, clothianidin, and imidacloprid on bumble bee colony health and foraging ability
- Assessed pollinator abundance and diversity in agricultural landscapes

Research Assistant **Sept 2003 – Dec 2003**
Centre for Coastal Studies, Simon Fraser University, Burnaby BC

- Assessed potentially critical habitat for a collapsed sockeye salmon population in Smith Inlet, BC

PROFESSIONAL MEMBERSHIPS

- Entomological Society of Canada
- Entomological Society of British Columbia
- Canadian Society for Ecology and Evolution

VOLUNTEER ACTIVITIES

- Mentor for the University of British Columbia Tri-Mentoring Program
- Co-organized a weekly departmental seminar series focused on evolution and ecology
- Co-organized an annual lecture in evolutionary ecology
- Member of the Let's talk Science Partnership Program

- Judge for the Greater Vancouver Regional Science Fair
- Talked with elementary and high school groups about areas of biology related to my research
- Assisted with the set-up and organization of the silent auction for the Entomological Society of Canada annual meeting