

CURRICULUM VITA (Short version: June 2015)

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ACADEMIC RECORD:

St. Mary's College of California, Moraga, CA - 1967-71 - B.A. (Classics & Philosophy)
Cabrillo College, Aptos, CA - 1973-75 (Biology & Chemistry)
University of California, Riverside, CA - 1975-79 - M.S., Ph.D. (Entomology with
emphasis in insect pest management and biological control)

PROFESSIONAL EXPERIENCE (ACADEMIC):

Research Assistant, University of California, Riverside, Department of Entomology -
1976-79.

Assistant (1979-85), **Associate** (1985-93) and **Full Professor** (1993-present),
Department of Entomology, Cornell University's New York State Agricultural
Experiment Station, Geneva, NY.

Responsible for developing sound insect pest management strategies for vegetables with spin-offs for other crops. Components of program stress insect population ecology, biological control, plant resistance, agricultural biotechnology, insecticide resistance, insect movement, trap cropping, and plant productivity and marketability as a function of insect infestations. In the last 15 years, a considerable amount of our effort has been devoted to risk assessment of insect management strategies, including insect-resistant genetically engineered crops. Our program has a strong commitment to outreach education for the agricultural community and the general public.

Associate Director of Research and **Associate Director of the Cornell Agricultural Experiment Station**, Ithaca NY - 1993-2001. Responsible for enhancing research funding for CALS, initiating several new programs for CALS, administering Federal Formula Funds and integrating research and extension programs.

International Professor of Entomology and Associate Director of International Agriculture Programs, 2002- present. This position leads me to travel internationally for 2-3 months per year working on projects in developing countries including India and Bangladesh for Bt eggplant. I also have collaborations in China, South Asia and Eastern Europe.

PRESENT DIVISION OF EFFORT (AS OF JULY. 2014).

Research - 60%
Teaching- 30%
Extension - 10%

PROFESSIONAL ACTIVITIES:

Sabbatical Leave:

Lincoln University, New Zealand- 1/07-4/07
University of California, Davis- 9/06- 12/06
Waite Institute, University of Adelaide, Australia- 1/02-5/02
Institute for Plant Protection, Wageningen, The Netherlands - 3/86 - 9/86

Professional Societies:

Entomological Society of America
Society for Invertebrate Pathology
International Organization on Biological Control
International Association for the Plant Protection Sciences
National Agricultural Biotechnology Committee (Chair in 2006-7)
Florida Entomological Society

Panels and Workshops Participant (selected):

European Food Safety Authority Conference on RNAi, Brussels 2014
Global Biosafety Management Program, India, 2013, 2011, 2010, 2009
Pest Management Alternative Program, Grant Review Panel, 2010, 2009, 1996
International Workshop for Regulators, Goa, India, 2010
Bt Eggplant Workshop, Manila, the Philippines, 2009
International Life Sciences Institute Workshop on Non-target Organisms, 2009
National Academy of Sciences, Board on Ag Review, 2010, 2009, 2008
Western Region-IPM, Grant Review Panel, 2007
USAID-Plant Biosafety Systems Review Panel, 2007
European Food Safety Authority, Parma, Italy, 2007
Lincoln University (NZ) Curriculum Reorganization Panel, 2006
APHIS Workshop on Monitoring the Effect of Bt Plants on Non-targets, 2004
EPA Workshop on Monitoring Bt Plants, 2004
Cornell BARD Program, Director, 2004
Association of Liaison Office, USAID, Review Panel, 2004
Council on Agriculture, Science and Technology- Resistance to Pesticides, 2003
National Academy of Sciences Panel on Containment of GMOs, Presenter, 2002
Canadian Gov't Panel on Biotechnology, Ottawa, CN, 2002
EPA Workshop Series on Bt Corn Resistance Management, 2001
USDA-IFAFS Panel Manager, Biotechnology, 2001
EPA Risk/Benefits Panel for Bt Crops, 2000
Congressional Testimony on GMOs to the House of Representatives, 1999
Ag Biotech Stewardship Committee-Insect Resistance Management, 2002-1998
USDA/ARS Ithaca Review Panel on Biological Control, 1996
Dept. of Entomology Review, Univ. of Maryland, 1996
USDA NC-IPM Review Panel, 1994
USDA Scientific Panel on Bt resistance, 1992
USDA Small Business Innovation Program, 1988
USDA/NRI Competitive Grant Panel on Insect Stress, 1984

HONORS, AWARDS, FELLOWSHIPS (SELECTED):

Plenary Speaker, International Conference on Diamondback Moth, 2015, 2001
Entomological Society of America National IPM Team Award, 2013
Outstanding New Extension Publication, NYS Assoc. of Ag Agents, 2011
Plenary Speaker, Entomological Society of Canada, Halifax, NS, 2011
L. O. Howard Award Eastern Branch Entomological Society of America, 2011
Fellow of the Entomological Society of America, elected in 2010
Keynote Speaker, Int. Assoc. of Plant Biotechnologists, St. Louis, MO, 2010
Chinese lectureship at 4 Institutes, 2009
Cornell (CALs) Award for Applied Research, 2007
National Ag Ext Award for Publication, "Organic Agriculture", 2006
NYS - Excellence in Crop Production Publication Award, 2006
NE Regional Finalist Award for the "Swede Midge ID Guide", 2005
Nat'l Assoc. Co. Ext. Agents, State Award and NE Finalist for Publication, 2005
Ent. Soc. Am. National Recognition Award for Research, 2005
XVth Int. Congress of Plant Protection, China, Plenary lecture, 2004
Am. Soc. for Hort. Sci. National Award for Extension Publication, 2004
NYS Assoc. of County Ag Agents Award for brochure on swede midge, 2003
CALs Professor of International Agriculture, 2002 to present
Int. Conf. on Biocontrol of Diamondback Moth, France, Plenary lecture, 2002
Cornell International Traveling Fellowship, 2002
NOVA lectureship (Nordic Countries), 2001
American University at Beirut, Plenary lecture, 2000
New York State Award for Excellence in IPM, 1997
China-US Scholar Exchange, 1996
Nordic Agricultural Scientists, Plenary lecture, 1995
Ent. Soc. Am. National Award for Excellence in IPM, 1995
Cornell International Traveling Fellowship, 1989
Netherlands Ministry of Agriculture Research Fellowship, 1986

GRADUATE FACULTY ACTIVITIES:

Cornell Member of the Field of Entomology, 1979-present
Cornell Member of the Field of Plant Protection, 1987-present
International Agriculture and Rural Development, 2008- present

I have been the major professor for 20 Ph.D. and MS students

I currently teach ENT 7670, Professional Development in Entomology, and have taught ENT 2410, Applied Entomology in the Field. I participate in the following courses:

IARD 4020 - Agriculture in Developing Nations
IARD 6020 - Agriculture in Developing Nations
CSS 4100- The GMO Debate: Science and Society
AEM 6600- Agroecosystems, Economic Development and the Environment
PL BR 4826 Plant Biotechnology.
Field trip provided for PL PA 419. Additional lectures in selected classes.
Entomology 441- Seminar in IPM. Taught from 1983-1996.

June 19, 2015

RESEARCH MENTORSHIP:

I have supervised 45 postdocs and visiting scientists from 18 countries

RESEARCH AND EXTENSION PUBLICATIONS (see list of publications at <http://shelton.entomology.cornell.edu/publications/>)

OTHER INFORMATION:

Civic:

Geneva Cub Scout (den leader)-1983

Geneva YMCA t-ball (coach)-1983-4

Geneva Schools Special Education Program (advisor)- 1983-5

Hobart & William Smith Head Crew Coach 1986-1987

Geneva Concerts (treasurer, vice-president, president) 1984-1993

Geneva Little League (coach) 1987-1990

Geneva Educational Advisory Council (co-president) 1992-3

Geneva Board of Education Member 1993- 1998

Geneva Board of Education Facilities Committee 1999

Hobart College Assistant Crew Coach- 2002 to 2005