

# CURRICULUM VITA

## ANTHONY M. SHELTON

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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, especially 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.

**Professor of International Agriculture and Associate Director of International Agriculture Programs**, 2002- present. This position leads me to travel internationally for 2-3 months per year.

### PRESENT DIVISION OF EFFORT (AS OF NOV. 2010). :

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

**Consultant:**

Gowlings LLP, 2010  
Panitch Schwarze Belisario & Nadel, LLP, 2008  
Orrick, Herrington and Sutcliff, LLP, 2003-2004  
Agricultural Biotechnology Stewardship Committee (Dow, Monsanto, DuPont, Syngenta), 1998-2002  
International Atomic Energy Agency  
    Indonesia, Malaysia, 1989  
    Malaysia, 1991  
Ecogen, Inc., 1989

**Panels and Workshops Participant (selected):**

Global Biosafety Management Program, India, 2009, 2010, 2011  
Pest Management Alternative Program, Grant Review Panel, 2010  
International Workshop for Regulators, Goa, India, 2010  
Bt Eggplant Workshop, Manila, the Philippines, 2009  
International Life Sciences Institute Non-target Organisms, 2009  
National Academy of Sciences, Board on Ag Review, 2008, 2009, 2010  
Pest Management Alternative Program, Grant Review Panel, 2009  
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 Monitoring the Effect of Bt Plants on Non-targets, 2004  
EPA Workshop on Monitoring Bt Plants, 2004  
Cornell BARD Program, Director, 2004  
Association of Liason Office, USAID, Review Panel, 2004  
CAST- Pesticide Resistance, 2003

National Academy of Sciences 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-IRM, 1998-2002  
USDA/ARS Ithaca Review Panel on Biological Control, 1996  
Dept. of Entomology Review, Univ. of Maryland, 1996  
USDA Pest Management Alternatives Review Panel, 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

**Entomological Society of America and Other Scientific Duties (selected):**

Symposium Organizer, International Congress Entomology, 2012  
ESA Team Award Committee (2011-2013)  
ESA National Recognition Award Committee (2010-2012)  
Board Member, American Entomologist, 2010- present  
Symposium Organizer, 6th Int. IPM Symp., Portland, OR, 2009  
Symposium Organizer, 3<sup>rd</sup> Int. Symp. Biocontrol of Arthropods, NZ, 2009  
Symposium Organizer, International Congress of Entomology, SA, 2008  
Program Organizer, 5<sup>th</sup> Int. Workshop Diamondback Moth, China, 2006  
Organizer, National Agricultural Biotechnology Council Meeting, 2006  
Symposium Organizer, 2nd Int. Symp. Biocontrol of Arthropods, 2005  
Symposium Organizer, XVth Int. Congress Plant Protection, China, 2004  
Symposium Organizer, Int. Congress Entomology, Australia, 2004  
Symposium Organizer, ESA National Meeting, 2004  
Symposium Organizer, ESA National Meeting, 2003  
Subject Editor, Insecticide Resistance, J. Econ. Entomol., 2001-present  
Committee on Ethics for ESA, 1998 –2002  
Program Committee, ESA Eastern Branch, 1992  
Linnaean Games Committee, ESA Eastern Branch, 1990  
Symposium Organizer, ESA National Meeting, 1988  
Program Committee, ESA Eastern Branch, 1988  
Program Committee, ESA Eastern Branch, 1983  
Symposium Organizer, ESA National Meeting, 1982

**HONORS, AWARDS, FELLOWSHIPS (SELECTED):**

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 Biotech, 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/NE Finalist Publication, 2005  
Ent. Soc. Am. National Recognition Award for Research, 2005  
Ent. Soc. Am. Eastern Branch Recognition Award for Research, 2005  
Environmental Sciences and Forestry, SUNY, Plenary lecture, 2004  
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 brochure on swede midge, 2003  
CALs Professor of International Agriculture, 2002 to present  
Int. Conf. on Biocontrol of DBM, France, Plenary lecture, 2002  
Cornell International Traveling Fellowship, 2002  
4<sup>th</sup> Int. Conf. on Diamondback Moth, Australia, Plenary lecture, 2001  
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  
ESA National Award for Excellence in Integrated Pest Management, 1995  
Eastern Branch Ent. Soc. Am. 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

**OTHER INFORMATION:**

**Civic:**

Cub Scout (den leader)-1983  
YMCA t-ball (coach)-1983-4  
Geneva Schools Special Education Program (advisor)- 1983-5  
Hobart & William Smith 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 Assistant Crew Coach- 2003 to 2006