

*Curriculum Vitae*  
**WILMA V. APONTE-CORDERO**

Address: 501 Ag Sciences and Industries Bldg., University Park, PA 16802  
E-mail: wva102@psu.edu; Tel: 814-863-7657 (office) Fax: 814-865-3048

---

**EDUCATION:**

**Ph.D. in Entomology**, The Pennsylvania State University, University Park, PA *Aug. '06 - Present*  
Ph.D. advisors in Entomology: Gary Felton and Shelby Fleischer

**M.S. in Entomology**, The Pennsylvania State University, University Park, PA. *Aug. '02 - Aug. '06*  
M.S. advisors in Entomology: Dennis D. Calvin and Michael C. Saunders  
Thesis title: "Soybean aphid, *Aphis glycines* (Hemiptera: Aphididae) life history under different temperatures and population dynamics in Pennsylvania soybean fields"

**B.S. in Crop Protection**, University of Puerto Rico, Mayagüez, PR. *Aug. '96 - Jun. '01*

**WORK EXPERIENCE:**

**Doctoral Research Assistant** *Aug. '06 - Present*  
**The Pennsylvania State University**, Entomology Department, University Park, PA.  
Duties: Conduct research in Chemical Ecology and Entomology.  
Supervisors: Gary Felton and Shelby Fleischer

**Teaching Assistant** *Jan. '09 - May '09*  
**The Insect Connection, ENT 202, Penn State University, University Park, PA.**  
Enrollment: 167 undergrads  
Assisted the instructors of the course and corrected assignments.

**Instructor** *Feb. 24, '09*  
**The Insect Connection, ENT 202 Penn State University, University Park, PA.**  
Enrollment: 167 undergraduate students.  
Taught a 1.5-hour class titled "Sex, Bugs, and Rock n' Roll". The class covered topics related to the insect's sexual and asexual reproduction, strategies to ensure copulation, males' and females' risks and benefits to reproduce and produce offspring.

**Co-Instructor** *Nov. 6, '08*  
**Essence of Insect Biodiversity Science, ENT 497C Penn State University, University Park, PA.**  
**Enrollment: 7 grad students.**  
Co-taught a two-hour laboratory on Hymenoptera Taxonomy. We covered the economically important superfamilies and families in the Symphyta and Apocrita suborders.

**Co-Instructor** *Aug. '06 - Dec. '06*  
**Introductory Agroecology, AGECO 201, Penn State University, University Park, PA. Enrollment: 19 undergrads.**  
Taught 14 classes that covered ecological perspectives in agriculture: Ecosystem, Energy, Light, Plant, Soil, Water, Nutrition, Temperature, and Ecological Efficiencies. Designed and gave two laboratories.

**Research Assistant** *Aug. '02 - Aug. '06*  
**The Pennsylvania State University**, Entomology Department, University Park, PA.  
Research the development of *Aphis glycines* under different temperature regimes and studied how natural enemies influence its population dynamics at the field level.  
Supervisors: Dennis D. Calvin and Michael C. Saunders

**Teaching Assistant***Jan. '04 - May '04***Introduction to Entomology, ENT 313, Penn State University, University Park, PA. Enrollment: 18 undergrads**

Prepared and taught laboratories (Nervous System, Internal Anatomy, Morphology, and Insect Orders).  
Provided support to the instructors of the course (made video aids and graded essays).

**Teaching Assistant***Aug. '03 - Dec. '03***Introductory Agroecology, AGECO 201, Penn State University, University Park, PA. Enrollment: 16 undergrads**

Provided support to the instructors of the course. Taught competitive exclusion principal laboratory.  
Created and gave a problem-solving case study.

**Teaching Apprentice***Jan. '03 - May '03***Introduction of Entomology, ENT 313, Penn State University, University Park, PA. Enrollment: 17 undergrad**

Provided support to the Instructors and Teaching Assistants of the course. Taught immature insect biology laboratory.

**Part-Time Research Assistant,***Oct. '01 - Jul. '02***Iowa State University**, winter nursery at Isabela Experiment Station, Isabela, PR.

Supervisor: Nieves Rivera

Assisted and helped implement soybean field experiments, supervised field workers, and collected experiment data on soybean hybrid varieties.

**Entomology Intern***Dec. '99 - Jun. '00***Walt Disney World Co.**, Epcot Advanced Internship, Cooperative Internship, Orlando, FL.

Supervisor: David Wietlisbach

Reared beneficial insects, gave educational tours to the general public, provided technical support with scientific displays and managed insect pests in 9 greenhouses.

**Student Intern***Jun. '99 - Jul. '99***Monsanto Caribe Inc.**, Cooperative Internship, Isabela, PR.

Supervisor: Frankie Fernandez

Harvested and prepared soybean seeds for U.S. shipment. Helped obtain hybrids in soybean plants through crossbreeding.

**INTERNATIONAL EXPERIENCE****Exchange graduate student***Aug. '07 - Nov '07***Wageningen University**, Entomology Department, Wageningen, NL.

Supervisors: Joop Van Loon and Nina Fatouros

Techniques learned: Parasitoid 2-Choice tests, Parasitoid and Butterfly behavioral studies

Project: Tested the parasitoid *Trichogramma brassicae* response to Brussels sprout leaf induced by butterfly *Pieris brassicae* eggs oviposited at different time intervals.

**Participatory Rural Appraisal (PRA) in Brazil***Jan. '03 - May '03*

AEE430 course, Penn State University, University Park, PA.

Course was focused to study the background of Brazil's agriculture and learned how to use the PRA data collection method. We spent 3-weeks at Brazil and worked with faculty and students in State University of Mato Grosso do Sul to study the agricultural system at Brazil.

We used the PRA method and I collected data on the Historical trend line of Mato Grosso do Sul. Here I interviewed farmers, extension agents, and university faculty in order to understand the agricultural system, and we helped identify the most important need to address in the agricultural community. Interviews and presentations were conducted in English and Spanish.

## **PUBLICATIONS**

### Submitted:

Wilma V. Aponte-Cordero. 2009. "Understanding Biosecurity and Its Limitations: Student Debate"  
Manuscript submitted to American Entomologist

Wilma V. Aponte-Cordero, Katherine Ellis, Maya Nehme. 2009. "Pro side: Should students be required to do outreach/extension activities?", Student Debate held at the 54<sup>th</sup> Entomological Society of America Annual meeting. Manuscript submitted to American Entomologist.

W. Vanessa Aponte-Cordero and Marc L. Fisher. 2009. "Entomology Students Giving Back: A Step Closer Towards Making a Difference". Manuscript submitted to American Entomologist.

### In process:

Wilma V. Aponte-Cordero, Dennis D. Calvin, and Michael C. Saunders. 2009. Temperature dependent development, longevity and fecundity of the soybean aphid, *Aphis glycines* Matsumura (Hemiptera: Aphididae) for submission to Environmental Entomology.

### Non-Refereed Publications:

William S. Curran, Dwight D. Ligenfelter, Dennis D. Calvin, John E. Ayers, Eric D. DeWolf, Wilma Aponte-Cordero. 2005. The Penn State Agronomy Guide 2005-2006, Soybean pest management.

Wilma V. Aponte-Cordero and Dennis Calvin. 2004. "Soybean aphid", Entomological notes, Department of Entomology, Pennsylvania State University. Available online at <http://www.ento.psu.edu/extension/factsheets/soybeanAphid.htm>

Wilma Aponte-Cordero, Dennis Calvin, and Michael Saunders. 2003. "Establishing economic thresholds for soybean aphid and developing a model to predict timing and intensity of infestations." Summer 2003 final report, Pennsylvania Soybean Promotion Board. Available online at [http://www.ento.psu.edu/extension/field\\_crops/Pdfs/SoyAphidIntRep2003.pdf](http://www.ento.psu.edu/extension/field_crops/Pdfs/SoyAphidIntRep2003.pdf)

## **PRESENTATIONS**

Wilma V. Aponte-Cordero, Oral presentation (15-min.), "Christmas at the Netherlands", Adult education series "Christmas around the world", State College Presbyterian Church. State College, PA. Dec. 14, 2008.

Wilma V. Aponte-Cordero, Gary Felton and Shelby Fleischer. Oral presentation (10-min.), "Induction of plant resistance of field crops by exogenous application of methyl jasmonate and methyl salicylate." 2008 Entomological Society of America (ESA) annual meeting. Reno, NV. Nov. 16, 2008.

Wilma V. Aponte-Cordero. Oral presentation (20-min.), "Benefits to being a Sloan Scholar". 2008 Alfred R. Sloan Reception, Nittany Lion Inn, University Park, PA. Apr. 30, 2008.

Wilma V. Aponte and Gary Felton. Oral presentation (25-min.), "Inducing insect resistance." 2008 Mid-Atlantic fruit and vegetable convention & North American berry conference, Hershey Lodge and convention center, Hershey, PA. Jan. 31, 2008.

Wilma V. Aponte-Cordero, Gary Felton and Shelby Fleischer. Poster presentation, "Induced plant defense on aphid populations and tomato development in high tunnels." 2007 ESA annual meeting Town and Country Resort & Convention Center, San Diego, CA. Dec. 10, 2007.

Wilma Aponte-Cordero, Oral presentation (25-min.), "Do Brussels sprouts plants infested with eggs or larvae of *Pieris rapae* arrest *Trichogramma brassicae* wasps?" Entomology Seminar, Wageningen University, Wageningen, NL. Nov. 23, 2007.

Wilma Aponte-Cordero, Oral presentation (25-min.), “Plant defense elicitors effects over insect density and tomato physiology in high tunnel conditions.” Entomology Seminar, Plant Insect Interaction group, Wageningen University, Wageningen, NL. Sept. 25, 2007.

Wilma Aponte-Cordero, Oral presentation (25-min.), “Temperature impact over invasive species biology, *Aphis glycines*.” 2007 ESA-EB annual meeting, Harrisburg Hilton Hotel, Harrisburg, PA. Mar. 19, 2007.

Catherine D. Lyons and Wilma Aponte-Cordero. Oral presentation (30-min.) conducted in English and Spanish, “Information session on the SROP and graduate studies.” Anexo Piñero building, University of Puerto Rico Mayaguez Campus, Mayaguez, PR. Apr. 9, 2007.

Wilma Aponte-Cordero, Dennis Calvin, and Michael Saunders. “Modeling temperature dependent development of the soybean aphid.” Student competition oral presentation (10-min.), 2006 ESA Eastern Branch (EB) annual meeting, Charlottesville Omni Hotel, Charlottesville, VA. Mar. 13, 2006.

Wilma Aponte-Cordero, Dennis Calvin, and Michael Saunders. Student competition oral presentation (10-min.), “Summer phase *Aphis glycines* (Hemiptera: Aphididae) development and life history characteristics under five temperature regimes.” 2005 ESA annual meeting, The Greater Fort Lauderdale/Broward County Convention Center, Fort Lauderdale, FL. Dec. 17, 2005.

Wilma Aponte-Cordero, Dennis Calvin, and Michael Saunders. Student competition oral presentation (10-min), “The facultative development of *Aphis glycines* in different temperatures.” 2005 ESA-EB annual meeting, Harrisburg Hilton Hotel, Harrisburg, PA. Mar. 21, 2005.

Wilma Aponte-Cordero, Dennis Calvin, and Michael Saunders. Oral presentation (15-min), “Soybean aphid adult recruitment rate in central Pennsylvania and subsequent population growth and decline.” 2005 ESA-EB annual meeting; Northeast Regional Field Crops Insect Conference, Harrisburg Hilton Hotel, Harrisburg, PA. Mar. 20, 2005.

Wilma Aponte-Cordero, Dennis Calvin, and Michael Saunders. Student competition oral presentation (10-min.), “*Aphis glycines* in Pennsylvania: population dynamics and the role of natural enemies in population regulation.” 2004 ESA annual meeting, Salt Palace Convention Center, Salt Lake City, UT. Nov. 15, 2004.

Wilma Aponte-Cordero, Dennis Calvin, and Michael Saunders. Oral presentation (15-min) “Status of soybean aphid (*Aphis glycines*) IPM program development in Pennsylvania.” North Eastern Field Crop Worker’s Conference, 2004 ESA-EB annual meeting, Omni Hotel, New Haven, CT. Mar. 8, 2004.

Wilma Aponte-Cordero, Dennis Calvin, and Michael Saunders. Student competition poster presentation, “Field colonization of the soybean aphid, *Aphis glycines*, and the role of natural enemies in population regulation.” 2004 ESA-EB annual meeting, Omni Hotel, New Haven, CT. Mar. 7, 2004.

## **RESEARCH SUPPORT**

Dennis Calvin and Wilma V. Aponte-Cordero, “Fine tuning of a new soybean aphid Integrated Pest Management program for the North East and Mid-Atlantic region.” Pennsylvania Soybean Promotion Board. April 2005. (\$9,093) Duration 1-year.

Dennis Calvin, Michael Saunders, and Wilma V. Aponte, “Establishing economic thresholds for soybean aphid and developing a model to predict timing and intensity of infestations.” Pennsylvania Soybean Promotion Board. February 2003 (\$7,043) & April 2004 (\$8,068). Duration 1-year.

## **EXTENSION EXPERIENCE**

Dennis Calvin and Wilma V. Aponte. Workshop presentation at the Penn State Agronomic Field Diagnostic Clinic. “Soybean Aphid Biology and Management.” Attended 60 professional and farmers. Rocksprings, PA. July 21- 22, 2004.

Dennis Calvin and Wilma V. Aponte. Workshop presentation in the Pennsylvania Pest Management Agent In-service Training. "Identification of Pantry Pests." Attended 25 professionals. PA. University Park, November 18, 2003.

## **PUBLIC OUTREACH AND COMMUNITY SERVICE**

### **Co-Leader**

#### **Fellowship in Senior High (F.I.S.H.)**

*Jan. '09 - Present*

State College Presbyterian Church, State College, PA.

Weekly program for high school level students (90+), which consists of dinner, large group time and small group discussions or other activities. I helped facilitated the small group sessions and assisted to help moving the activities during dinner and large group time.

### **Co-Leader**

*Mar. 9-13, '09*

F.I.S.H. Mission Trip at Wheeling, WV.

12 leaders and 63 high school students participated in this mission trip. I worked with a teams of 4-7 high school students in different worksites that included: picked-up, organized and transport donations with the Appalachian Outreach Foundation, Shoe Box House and distribution houses. In addition, we worked with a total of 20 children at three different Head Start centers and cleaned a day care center.

### **Insect library presentation**

*Mar. 28, '09*

Pasa tiempos group, Schlow library, State College, PA

Prepared live insect displays and spoke to young children about Spring insects in PA. Gave the presentation in Spanish. Attendance: 9 children (3-5 Y.O.) and 11 parents.

### **Insect library presentation**

*Aug. 12, '08*

"Catch the Reading Bug" Series, Holt Memorial Library, Philipsburg, PA.

Prepared live insect displays and spoke to young children about the live insects. Attendance: 12 children.

### **Habitat for Humanity**

*Jul. 23-26 & Aug. 2, '08*

Worked on building storage units, roofs and added shingles. Volunteered 25 hours. State College, PA.

### **7th Annual Trash to Treasure Sale**

*May 30, 2008*

Penn State University and Centre County United Way

Helped organize donated clothes for the annual sale. Volunteered 4 hours. Beaver Stadium, University Park, PA

### **Co-Leader**

*Mar. 11-17, '07*

F.I.S.H. Mission Trip at Wheeling, WV.

A total of 80 people attended; 11 adults and 69 high students. We worked on different assignments. I worked with my team of 7 students in organizing donations at the Salvation Army warehouse, provided dinner to school children after school, cleaned debris around homes, broke down ceilings and built new walls for low income homes.

### **Co-Director**

*May '06 - Aug. '06*

Supervisor: Evelyn Ellis

Summer Research Opportunities Program (SROP), Penn State University, University Park, PA. Planned, prepared, and carried out an eight-week summer research program for 33 racially underrepresented undergraduate students. Mentored 11 students on research writing and oral presentations for the SROP 2006 symposium and journal.

### **Co-Leader**

*Jun. 21-24, 2006*

Bug Camp for Kids, Penn State University, University Park, PA.

Planned, prepared and carried out a one-week educational day camp for 29 children between the ages of 8-11 Y.O.

**Spring Creek Day***Sept. 18, 2005*

Clear Water Conservancy, State College, PA.

Answer questions and gave trivial information on insects. Assisted visitors in microscope use to view water specimens.

**Panelist***Jul. 20, 2005*

Summer Research Opportunities Program (SROP) Graduate Panel, University Park, PA.

Share my experience and answer questions related to graduate school to undergraduate underrepresented students.

**Instructor***Jul. 14, 2005*

Penn State University, University Park, PA.

11<sup>th</sup> Annual Food and Agricultural Sciences Institute for Academically Talented High School Students.

Created and gave a workshop titled: "Insects and Urban Legends". Live insects were displayed and students interacted with them. Fun facts and trivial section about insects were shared and given to the students.

**"Insect Zoo"***May 7, 2005*

Port Matilda Spring Festival, Port Matilda Elementary School. Port Matilda, PA.

Prepared, installed and spoke to young students and adults about the live insects in the display.

**Co-Leader***Jun. 22-25, 2004*

Bug Camp for Kids, Penn State University, University Park, PA.

Planned, prepared and carried out a educational day camp for 27 children between the ages of 8-11 years old.

**Habitat for Humanity***Mar. 13, 2004*

Organized and volunteered in a one-day graduate mission trip. A total of 7 graduate students participated, Philipsburg PA.

**Co-Director***May '03 - Aug. '03*

Summer Research Opportunities Program (SROP), Penn State University, University Park, PA.

Planned, prepared, and carried out a six-week summer research program for 26 racially underrepresented undergraduate students. Mentored 6 students on research writing and oral presentations for the SROP 2003 symposium and journal.

**PROFESSIONAL SOCIETY MEMBERSHIPS**

Boricua Grads, Penn State Student Club, August 2007 to Present

Pennsylvania Vegetable Growers Association (PVGA), March 2007 to Present

Sigma Xi, The Scientific Research Society, Associate member, March 2007 to Present.

The Entomological Society of Pennsylvania, March 2004 to Present.

Entomological Society of America, November 2003 to Present.

Eastern Branch Entomological Society of America, March 2003 to Present.

Friends of the Frost Entomological Museum, August 2002 to Present.

Entomology Graduate Student Association, August 2002 to Present.

Penn State Graduate Student Association, August 2002 to Present.

**Offices held:**

Boricua Grads, Treasurer, 2008-2010

- Worked with student recruitment and retention in the club through social activities.
- Collected membership dues and maintained the club finances.

National Student Affairs Committee, Chair, ESA. 2006-2007

- Worked with nine ESA Branch Student Representatives on symposium planning, symposium speaker and debate team recruitment.
- Submitted Program Symposium proposals for placement of the Student Symposium and Student Debate to the ESA Program Committee.

- Coordinated and moderated symposium and debate.
- Organized and Moderated 2007 Student Symposium titled “ Entomological Connections to science, innovation and influence: How well are we doing?”. Here eight professionals were recruited to give a talk at this symposium. Areas of specialties covered Medical Entomology, Entomology and Biodiversity, Chemical Ecology, Forest Entomology, Population Ecology, Wildlife Ecology, Transgenic insects and their influences over policy making and to students.
- Organized and moderated 2007 Student Debate titled “Biosecurity”. Six student teams from Arkansas University, Louisiana State University, Texas A&M, Tennessee State University, Rutgers University and Pennsylvania State University participated in the debate.
- Organized the Student Network, a professional club for student members held during the ESA annual meeting.

National Student Affairs Committee, Co-Chair, ESA. 2005-2006

- Worked with the Chair and assisted in decision making for symposium planning.
- Organized tasks for tabulating job announcement for volunteers and oversaw the Career Fair at the 2006 ESA meeting.

Student Affairs Committee, Chair, ESA-EB 2004-2006

- Updated submission rules, advertised, and coordinated the selection process for the John Henry Comstock and Asa Fitch Memorial student awards.
- Coordinated and moderated the 2005 and 2006 Student Symposium
- 2005 Student Symposium titled “Perspectives in Entomology: As a Link to other Disciplines and Professions” held at the 2005 Eastern Branch ESA Meeting, Harrisburg, PA. The symposium title was created in support of the Eastern Branch President’s theme “Entomological links”. The symposium consisted of eight graduate student speakers and topics ranged from research topics at the molecular and field level to IPM career options nationally and internationally in Entomology.
- 2006 Student Symposium titled “Entomology Scholars: Stories of Discovery.” I worked with 13 ESA-EB Student Representatives on recruitment of potential speakers. Speakers consisted were two Professor Emeritus, one USDA agent, and three graduate students. Talks focused on forest entomology in honor to Emeritus Professor’s research.

#### **Volunteer Service:**

**PVGA 2008 Food Booth at the Ag Progress Days.** Helped set-up and cut fruits for beverages and vegetables for stir fry. Rock Springs, PA. Aug. 20, 2008

**55<sup>th</sup> ESA Annual meeting.** Helped presenters preview and download presentations. San Diego, CA. Dec. 11, 2007.

**53<sup>rd</sup> ESA Annual meeting.** Registered attendees at the Registration desk. Fort Lauderdale, FL. Nov. 6, 2005.

**75<sup>th</sup> EB-ESA Annual meeting.** Organized annual meeting volunteer assignments. Mar. 20-22, 2005.

**52<sup>nd</sup> ESA Annual meeting.** Helped presenters preview and download presentations. Salt Lake City, UT. Nov. 14, 2004.

**74<sup>th</sup> EB-ESA Annual meeting.** Assisted in time keeping at the Submitted papers section. New Haven, CT. Mar. 9, 2004.

#### **COMMITTEE SERVICE**

Awards Committee, Penn State Entomology Department, Student Member, 2009-2010.

Student and Young Professional Awards, ESA, Student Member, 2007-2008.

Presidential Committee, Student and Young Professional Awards, ESA, Student Member, 2006-2007.

Presidential Committee, ESA Renewal Advisory Council (ERAC), Student Member, 2006-2007.

Program Committee, ESA, Student Liaison, 2006-2007.

Linnaean Games Committee, ESA, Student Liaison, 2005-2006.

Committee on Strategic Planning, ESA, Student Liaison, 2005-2006.

Public Outreach Committee, Penn State Entomology Department, Student Member, 2005-2006.

Curriculum and Instruction Committee, Penn State Entomology Department, Student Member, 2004-2006.

Great Insect Fair Committee, Fundraising Coordinator, 2003-2005 & 2008.

Graduate Student Association, Penn State Entomology Department, Delegate, 2003-2004.

Nomination Committee, Penn State Entomology Department, Student Member, 2003-2004.

## **HONORS AND AWARDS**

**Student and Young Professional Award.** Awarded by 2008 ESA Student and Young Professional Committee. Award given to an ESA student member or young professional that was active and supported operations of the Society through their actions and dedication to science. Monetary award \$700 and \$100. Jan. 2008 & 2009

**William Yendol Memorial Research Award.** Awarded by Penn State Department of Entomology. Funding provided to help support travel expenses to attend a scientific meeting. Monetary award \$200. Oct. 2005, 2006 & 2008.

**Underrepresented Graduate Student Travel Support.** Awarded by the Office of Graduate Educational Equity Programs for support to cover course related travel expenses Punta Cana, DR. Monetary support awarded \$700. Aug. 2008

**International Travel Award.** Awarded by the Ag. Sciences International Office. Monetary support to cover travel and course expenses for the Hymenoptera Course at Punta Cana, DR. Monetary support awarded \$750. Jun. 2008.

**Hymenoptera Course 2008 placement.** My application was accepted and was 1 out of 20 selected to take the workshop on Hymenoptera at the Punta Cana, Dominican Republic on Sept. 7-14, 2008.

**Received recognition award for exceptional service as the Student Affairs Committee Chair.** Given by the 2007 ESA President Scott H. Hutchins. Dec. 2007

**Special recognition for service and contributions to the ESA ERAC Presidential Committee.** In charged with supporting the restructuring, recommitment and revitalization of the ESA professional society. Dec. 2007

**Recognition for exceptional service as Student Liaison in the 2007 Program Committee.** Dec. 2007

**Stanley Beck Fellowship.** This award assists students at the graduate or undergraduate level of their education in entomology and related disciplines at a college or university in the United States, Mexico or Canada. Monetary award \$830. Dec. 2007

**Underrepresented Graduate Student Travel Support.** Awarded by the Office of Graduate Educational Equity Programs to cover travel expenses to Wageningen, NL. Monetary support awarded \$700. May 2007.

**Sustainable Crop Protection (SUSPROT) Travel Award.** Awarded travel and a three-month research internship at Wageningen University, Wageningen, NL. Monetary support awarded \$4,500. Apr. 2007

**Asa Fitch Memorial Award.** Awarded to a Master level student for outstanding research in Entomology by the Eastern Branch Student Affairs Committee Entomological Society of America. Monetary award \$100. Mar. 2007

**Recognition for exceptional service as Student Liaison, 2006 Committee on Strategic Planning.** Received recognition award for service by the 2006 ESA President Frank E. Gilstrap. Monetary award \$100. Jan. 2007

**Michael E. Duke Memorial Scholarship in Entomology.** Awarded by the Entomology Department in honor and recognize outstanding academic achievement by a graduate student enrolled in Entomology at Penn State. Monetary award \$800. Aug. 2006

**2<sup>nd</sup> place ESA-EB Student Competition President Prize.** Received 2<sup>nd</sup> place in the student oral presentation competition at the ESA-EB Annual meeting. Mar. 2006

**Sloan Fellow for outstanding scholarship, determination, discipline, and dedication.** Awarded presented by the Pennsylvania State University and Alfred P. Sloan Foundation in honor of underrepresented student who demonstrates academic excellence and potential in successfully achieving a Doctoral degree. Scholarship \$35,000. Aug. 2005

**Certificate of Appreciation for dedicated service as the 2006 Student Affairs Committee Chair.** Received recognition award for service by the 2005 ESA-EB President Douglas G. Pfeiffer. Mar. 2005

**Certificate of Appreciation for dedicated service as the 2005 Student Affairs Committee Chair.** Received recognition award for service by the 2005 ESA-EB President Douglas G. Pfeiffer. Mar. 2005

**Outstanding Graduate Student Award.** One of the three graduate students awarded for the Commonwealth of Pennsylvania. Award presented by the Pennsylvania Association of Graduate Schools in honor of graduate students who showed academic excellence, professional and community contributions through paid and volunteer activities, research, scholarship, and perseverance in the face of barriers. Pennsylvania Association of Graduate Schools. Received a plaque and monetary award \$300. Mar. 2005



**Nomination for Outstanding Graduate Student Award.** My application was selected by the Graduate School to be Pennsylvania State University nominee for the Outstanding Graduate Student Award. Jan. 2005

**Faculty of Agriculture Sciences Graduate Student Travel Award.** Funding provided in order to attend and present paper presentation related to Master's degree titled "*Aphis glycines* in Pennsylvania: Population Dynamics and Natural Enemies' Role in Population Regulation." at the Entomological Society of America National meeting at Salt Lake City, Utah. Monetary award \$500. Oct. 2004

**Lloyd E. Adams Memorial Grant-in-Aid.** Recognized excellence in working and advising undergraduate students in the College of Ag Sciences, awarded by Penn State Entomology Department. Monetary award \$500. Oct. 2003 & Aug. 2004

**Hispanic Society Fund Scholarship.** National organization that provides monetary awards to support Hispanics higher education. Monetary award \$2,500. Apr. 2004

**Bunton-Waller Graduate Award.** Penn State monetary award for underrepresented students and provides \$12,285 towards the first year of graduate support. Aug. 2002

### **Language Skills**

Fully bilingual English and Spanish.

### **References:**

Dr. Gary Felton  
Professor & Department Head  
501 ASI Bldg.  
University Park, PA 16801  
gwf10@psu.edu  
814-863-7344

Dr. Shelby Fleisher  
Professor  
501 ASI Bldg.  
University Park, PA 16801  
sjf4@psu.edu  
814-863-7788

Dr. Dennis Calvin  
Professor and Associate Director of Cooperative Extension  
229C Ag Admin Bldg.  
University Park, PA 16801  
dcalvin@psu.edu  
814-865-5410

Dr. Michael C. Saunders  
Professor  
514 ASI Bldg.  
University Park, PA 16801  
mcs5@psu.edu  
814-863-2979