

Jason R. Graham

CURRICULUM VITA



Masters Student of Entomology

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Education

- Master of Science at University of Florida, (degree expected Summer 2009)
- Department of Entomology and Nematology

- Bachelor of Science at University of Delaware, Fall 2006
- Department of Entomology and Applied Ecology
 - Major- Entomology
 - Minor- Wildlife Conservation
 - Degree with Distinction; Senior Thesis- "Predators of the *Galerucella* in Two Habitats of Delaware"

Teaching Experience

- ENWC 406, Tutor, Insect Taxonomy, Fall 2006
- ENWC 215, Teaching Assistant, Entomology Laboratory, Fall 2006
- ENWC 205, Teaching Assistant, Elements of Entomology, Spring 2006
- ENWC 205, Teaching Assistant, Elements of Entomology, Fall 2005

Research Experience

- The attraction of *Bombus impatiens* and *Apis mellifera* colonies and colony components to *Aethina tumida*, a pest of the Honey Bee, *Apis mellifera*, present
- The composition of airborne volatiles from commercial *Apis mellifera* and *Bombus impatiens* colonies, present
- Isolating and identification of a yeast found in commercial *Bombus impatiens* colonies and its attraction to *Aethina tumida*, the Small Hive Beetle, present
- *Galerucella* Beetle Releases in Two Distinct Habitats in Delaware for Control of Purple Loosestrife, Summer 2006
- The Predators of Purple Loosestrife *Galerucella* in Two Habitats of Delaware, Summer 2005
- [Biological Control of Purple Loosestrife](#), Summer 2004

Research Interests

- Insect Behavior
- Apiology & Apiculture
- Native Bees
- Insect Rearing and Husbandry
- Eusocial Insects
- Insect Biodiversity
- Wildlife Conservation

Publications

- **“Everything You Wanted to Know About Bee Stings but Were Afraid to Ask”**, Florida Melitto Files, Vol. 2, Issue 3, Florida Department of Agriculture & Consumer Services and University of Florida/ Institute of Food & Agriculture Sciences Joint Publication. Summer, 2008

Extension Experience

- Collegiate Farm Bureau Chapter at University of Florida, Presenter, March, 2009
- Master Beekeeper Program, Honey Bee Biology for Apprentice Beekeepers, Speaker, March 2009
- Master Beekeeper Program, Bee & Wasp Biology for Advanced Beekeepers, Speaker, March 2009
- Florida State Fair, Presenter, February, 2009
- Insect Day, Millhopper Montessori School, Presenter, December, 2008
- Florida State Beekeeper Association Meeting, Florida Farm Bureau, Gainesville, FL, Presenter, October 2008
- English as a Second Language Field Trip, Santa Fe Community College, Presenter, October 2008
- Festival of Honey and Apples, Presenter, Beth Torah, Miami, September 2008
- Central Florida Fair, Presenter, April 2008
- Apopka Summer Camp, Presenter, UF/IFAS/Mid-Florida Research & Education Center, March 2008
- Bee College, UF/IFAS/Mid-Florida Research & Education Center, Presenter, March 2008
- Annual Florida Bug Club 4-H Insect Collection Contest, Judge, July 2007
- 4-H Summer Program, Alachua County Agent Office, June 2007
- Annual 4-H Ecology Field Day, Presenter, May 2007
- Central Florida Fair, Presenter, April 2007
- Insect Presentation, Severna Park Elementary, MD, January 2007
- Insect Presentation, Newark Day After School Program, DE, July 2006

Presentations

- **The First Annual University of Florida Bee College- March 2008** What attracts small hive beetles? Comparing the attraction of *Apis mellifera* and *Bombus impatiens* colonies to *Aethina tumida*

- **University of Delaware Annual Senior Seminar Poster Session- November 2006**
Which Has Less Negative Impact Accepting Insect Contamination and Damage in Food Products or Consuming Foods That Have Been Treated With Insecticides?
- **National McNair Scholars Research Conference- October 2006** *Galerucella* Beetle Releases in Two Distinct Habitats in Delaware for Control of the Plant Purple Loosestrife
- **McNair & University Scholars Summer Research Symposium- August 2006** *Galerucella* Beetle Releases in Two Distinct Habitats in Delaware for Control of the Plant Purple Loosestrife
- **Annual Delaware Water Resource Center Conference & Poster Session- April 2006**
Predators of *Galerucella* Beetles, Biocontrol Agents of Purple Loosestrife
- **Annual Delaware Water Resource Center Conference & Poster Session- April 2005**
Biological Control of Purple Loosestrife at Flat Pond: Reclaiming a Freshwater Pond near the C&D Canal

Work Experience

- Research Assistant, Honey Bee Research & Extension Laboratory,
University of Florida: 2007- Present
<http://entnemdept.ifas.ufl.edu/honeybee/index.shtml>
- School Age Counselor, Assistant Teacher, **Newark Day Nursery and Childcare: 2002-2005**
<http://www.newarkdaynursery.org>
- Laboratory Assistant, **USDA Beneficial Insect Research Laboratory: Winter 2004**
http://www.ars.usda.gov/main/site_main.htm?modecode=19260000
- Accounts Associate, Alternative Investment group, Hedge Funds **PFPC, Inc: 2001-2002**
<http://www.pfpc.com/home/index.html>
- Individual Accounts, **The Vanguard Group: 1999-2001**
<https://flagship.vanguard.com/VGApp/hnw/HomepageOverview>

Membership Associations

- McNair Scholars Program- Member: 2006 - Present,
<http://mcnair.udel.edu/>
- Alpha Zeta National Honors Fraternity – Pledge master: 2005-2006; Member: 2004 - Present
<http://www.alphazeta.org/>
- Undergraduate Research Program – Summer 2004- Fall 2006
<http://www.urp.udel.edu/>
- Entomological Society of America – Member: 2005 – Present
<http://entsoc.org/>

International Study

Costa Rica- Dr. Douglas Tallamy, Winter 2004

<http://international.udel.edu/studyabroad/programs/database.asp?PWDID=157#overview>

- **ENWC450 - Debates in Conservation Biology (3 cr.)**
Global debate about anthropocentric use and misuse of earth's biological and physical resources.
- **ENWC444 - Conservation of Tropical Biodiversity (3 cr.)**
A 3-week intensive, field-based experience in the mechanics of conserving tropical

biodiversity. Focuses on group projects quantifying and comparing the diversity of montane cloud forests, lowland rainforests and tropical dry forests.

Scholarships and Honors

- Scholarship Incentive Program, Fall 2006
- Carvel Agricultural Scholarship, Fall 2006
- Flickinger Agricultural Scholarship, Fall 2006
- Paul L. Townsend Scholarship, Fall 2006
- Dean's List Award, Fall 2003, Fall 2005, Spring 2006