

Diana C. Jordan
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- Research Experience:** **Undergraduate Researcher** **08/2009 - 05/2010**
University of Florida. Insect Physiology, Gainesville, FL
Principal Investigator: Dr. D.A. Hahn, Mentor: Dr. F.J. Wessels
SPECIAL PROJECT: Investigated bulk resource and lipid allocation to reproduction in the flesh fly, *Sarcophaga crassipalpis*, using Stable Isotopes as metabolic markers.
-Handled and dissected insects in all developmental stages
-Extracted proteins, lipids, and carbohydrates from complex samples
-Performed liquid fractionation of lipid extracts
-Assisted with Anthrone Assays, Bio-rad Lowry Protein Assays, and Vanillin Assays
-Prepared samples for Stable Isotope analysis (13C)
- HHMI Undergraduate Research Fellow** **05/2008 - 05/2009**
University of Florida. Insect Physiology, Gainesville, FL
Principal Investigator: Dr. D.A. Hahn, Mentor: Dr. F.J. Wessels
SPECIAL PROJECT: Researched the hormonal control of cyclical gas exchange during diapause in the flesh fly, *Sarcophaga crassipalpis*.
-Set-up and used respirometry equipment, autosampler, and Expedata software to monitor development. Recorded and analyzed data with MS Excel
-Performed sample extraction and preparation for hormonal analysis using Gas Chromatography Mass Spectrometry(GCMS)
-Delivered MS PowerPoint presentations to fellow researchers, PI, and program directors
-Mentored high school fellows, introducing them to the model insect, the theory and reasoning behind our project, and guided them in a hands-on demonstration of the experimental setup
-Used an Auto-Montage digital microscopy system to photograph and document stages of pupal development
-Composed grant proposal
- Work Experience:** **Department Manager** **11/2010 - 03/2012**
Sears H.C., Pembroke Pines, FL
Supervisor: Rolando Aguirre
AS DEPARTMENT LEADER and role model displayed integrity, reliability, and punctuality. Demonstrated excellent customer service standards, maintaining composure under difficult circumstances. Consistently volunteered, on short notice, to meet unexpected challenges. Identified, analyzed, and recommended solutions to customer issues, problems in staffing, and inventory. SUPERVISED, coached, and instructed two teams to ensure that tasks were clearly understood and completed. Improved participation by fostering a team environment.

Manager in Training**05/2010 - 11/2010**

Sears H.C Raleigh, NC

DEVELOPED MANAGERIAL SKILLS in a retail setting, supervising and directing small groups of associates, and solving customer issues.

Education: University of Florida, Gainesville, FL 05/2010**Bachelor of Science:** Zoology**GPA:** 4.0 of a maximum 4.0**Honors:** Cum Laude**Relevant Coursework:** Genetics, Communicating Complexity in Science, Ethics in Genetics, Physiological Psychology, Organic Chemistry I, II + lab, Biology II + lab, Physics I, II + 2 labs. (All "A" grade).**University of Florida, Gainesville, FL 05/2010****Bachelor of Arts:** Business Administration**GPA:** 3.97 of a maximum 4.0**Honors:** Cum Laude**College Academy at Broward College, Davie, FL 06/2006****Associate's Degree:** Zoology**GPA:** 4.0 of a maximum 4.0**Honors:**

-Invitation-only, joint high school/college accelerated program

-Graduated with Highest Honors from Broward College

-Valedictorian of the College Academy (high school level)-GPA 5.17

Professional Publications, Grants, & Presentations-Wessels, F.J., *D.C. Jordan* and D.A. Hahn. 2010. Allocation from capital and income sources to reproduction shift from first to second clutch in the flesh fly, *Sarcophaga crassipalpis*. *Journal of Insect Physiology*. doi: 10.1016/j.insphys.2010.03.033-*Jordan, D.C.*, F.J. Wessels and D.A. Hahn. 2010. Capitalizing on Income: Using Stable Isotopes to Understand Reproductive Allocation in the Flesh Fly, *Sarcophaga crassipalpis*. (POSTER). Society for Integrative and Comparative Biology. Seattle, WA; January 3-7-2008 HHMI G.A.T.O.R. Program Research GRANT: \$500. Hormonal control of cyclical respiratory metabolism during diapause in the flesh fly *Sarcophaga crassipalpis*. Principal Investigator: *Diana Jordan*, Co-Investigator: Frank J. Wessels**Awards:**

UF- Howard Hughes G.A.T.O.R. Program for Science Fellowship

Golden Key International HONOR SOCIETY

University of Florida President's HONOR ROLL- perfect 4.0 GPA

College of Liberal Arts and Sciences Dean's List

Warrington College of Business Administration Dean's List

Florida Academic Scholars Award- 100% tuition

José Martí Scholarship Challenge Grant Fund: \$8,000 for 4 years

Skills:

Typing speed of 64 WPM

Highly computer literate, adept in MS office

Write, read, and speak English and Spanish proficiently

Highly detail oriented

Effective leadership and multitasking skills

