

C.V

ISRAEL DEL TORO

Department of Biological Sciences
500 W University St.
Biology Bldg Room 210
University of Texas at El Paso
El Paso, Texas 79968
Phone: 915-852-4626
E-mail: idel2@utep.edu
israeldel2@msn.com

EDUCATION

BS (Current) *Major*: Biological Sciences emphasis on Ecology and Evolution
Minor: Geological Sciences
University of Texas at El Paso (UTEP)
Undergraduate Research Project: (In Progress) *Revision of the Ant Genus Liometopum (HYMENOPTERA: FORMICIDAE)*

RESEARCH PROJECTS

Independent Study: Revision of the Ant Genus *Liometopum* (HYMENOPTERA: FORMICIDAE) (Current)
Examining 10 extant species of the ant genus *Liometopum*
Reviewing Taxonomic Validity, and Notes of Ecological Activity

Independent Study: Assisting Jose Pacheco in Ph.D. Dissertation: Revision of the Ant Genus *Solenopsis* (HYMENOPTERA: FORMICIDAE) (Current)
Mapping distribution of members of ant genus *Solenopsis*
Morphometric analysis of the members of the ant genus *Solenopsis*

PROFESSIONAL PRESENTATIONS

I. Del Toro, J. Pacheco, W.P. Mackay. 2005 The Ant Genus *Liometopum* of the Southwest (HYMENOPTERA:FORMICIDAE) South Western Association of Naturalist. Sam Houston State University, Huntsville Texas.

I. Del Toro, J. Pacheco, W.P. Mackay. 2005. Identification and Morphometric Description of Members of the Ant Genus *Liometopum* (HYMENOPTERA:FORMICIDAE). Society for the Advancement of Chicanos and Native Americans in Science. Denver Colorado.

COAUTHORED PROFESSIONAL PRESENTATIONS

José Pacheco, William Mackay, Paloma Vargas, **Israel Del Toro** and Isidra Moreno,

THE THIEF ANTS (GENUS *SOLENOPSIS*) OF THE *MOLESTA* SPECIES COMPLEX IN THE SOUTHWEST (HYMENOPTERA: FORMICIDAE) *Oral Presentation*. SWAN Annual meeting, Huntsville, TX

José Pacheco, William Mackay, Elizabeth Walsh, Paloma Vargas, **Israel Del Toro** and Isidra Moreno 2005 -- Revision Of the South American Thief Ants of the genus *Solenopsis* (Hymenoptera: Formicidae): A potential biological control agent for the red imported fire ant, , *Poster Presentation*. Red Imported Fire Ant National Conference (RIFA)

AWARDS

- 2005** Society for the Advancement of Chicanos and Native Americans in Science, Scholarship for Undergraduate Student Travel and Accommodations. (\$300.00)
- 2005** Society for the Advancement of Chicanos and Native Americans in Science, Award for best undergraduate poster presentation in the field of zoology. (\$250.00) Denver, Colorado.
- Fall 2005** Appointed to Deans List

RESEARCH SKILLS

- Use of dichotomous keys for Hymenoptera Formicidae
- Proficient Identification of the Ants of Southwestern United States
- Use of Auto Montage Microscopy Imaging System
- Comfortable with basic laboratory techniques
- Capable with Microsoft Computing Applications (Word, Excel, PowerPoint)
- Bilingual- Proficient in reading, writing and speaking Spanish.

CONFERENCES ATTENDED

- 2005** South Western Association of Naturalist. Sam Houston State University, Huntsville Texas. April 2005. Poster Presented.
- 2005** Red Imported Fire Ant Conference. Gulfport Mississippi. March 2005. No Items Presented.
- 2005** Society for the Advancement of Chicanos and Native Americans in Science. Denver Colorado. October 2005. Poster Presented.

RESEARCH EXPERIENCE/ FIELD WORK

- 2005** Taxonomy, work with Dr. William P. Mackay. University of Texas El Paso. Desert Ecology Laboratory.

- 2005** Plant Water Tolerance and Salinity Study. Texas A&M Agricultural Research Center. Dr. Genhua Niu; M.S. Denise Rodríguez.
- 2005** Field work for 21 days in the country of Ecuador.

UNIVERSITY ACTIVITIES

- Member of WISE organization January 2005- July 2005
- SACNAS Student Member

COMMUNITY SERVICE

- Youth Education Mentoring- First Mexican Baptist Church of El Paso- President
- High School Science Fair Judge- February 2005-Clint Independent School District Science Fair