

## CURRICULUM VITAE

**DANIELA VERGARA**

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### EDUCATION

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- 2007-PRESENT     PhD Student  
Indiana University Bloomington  
Advisor: Curt M. Lively
- 2000 -2006         Microbiologist  
Universidad de los Andes Bogotá, Colombia
- 1987-2000         International High school Colegio Bolivar Cali- Colombia.

### WORK EXPERIENCE

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- 2007 – Present         PhD Student
- 2006 – 2007             *Lutzomyia* specie determination, Field study in endemic Leishmaniosis area. Social work with the community. Responsible for the maintenance of the *Lutzomyia* stock. Repellent evaluation  
Member of the standardization group in charge of the laboratory's certification of methods and procedures in leishmaniosis diagnosis and treatment.  
Associate Investigator  
Programa de Estudio y Control de Enfermedades Tropicales PECET Universidad de Antioquia, Medellín Colombia
- 2005 Second Semester     Taxonomic and molecular identification of mosquitoes genus *Anopheles* from two Colombian departments  
Responsible for the maintenance of one *Aedes* and *Anopheles* stock  
Taxonomic identification of different Cercariae found in snail *Melanoides tuberculata* from Medellín's botanical garden  
Intern  
Programa de Estudio y Control de Enfermedades Tropicales PECET Universidad de Antioquia, Medellín Colombia
- 2005 First Semester         Research assistant at CIMPAT Laboratory, Universidad de los Andes, Bogotá, Colombia.  
Responsible for the construction of a data base with the information of Triatomine distribution in Colombia

Responsible for the cross between two different *Rhodnius prolixus* stocks  
Universidad de los Andes Bogotá, Colombia

2003 Summer HTLV – I diagnosis by molecular means. DNA extraction and quantification  
Molecular and pathogenesis laboratory Universidad del Valle, Cali Colombia.

## **TEACHING EXPERIENCE**

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Fall Semester 2008 Assistant Instructor Biology Lab (L-113)  
Taught laboratory and discussion section including statistical techniques, literature searching, and writing  
Advised 21 students on developing and implementing independent research projects  
Indiana University, Bloomington, USA

Spring Semester 2008 Assistant Instructor Biology Lab (L-113)  
Taught laboratory and discussion section including statistical techniques, literature searching, and writing  
Advised 23 students on developing and implementing independent research projects  
Indiana University, Bloomington, USA

Fall Semester 2007 Assistant Instructor Evolution and Diversity (L-111)  
Taught discussion section  
Indiana University, Bloomington, USA

2005 Second Semester Teacher's assistant in Cellular Biology  
Responsible for quizzes and homework correction and student advice  
Teacher's assistant in Parasitology Laboratory  
Responsible for quiz correction and student advice  
Universidad de los Andes Bogotá, Colombia

2002 Second Semester Teacher's assistant in Cellular and Orgasms Biology Lab  
Quiz and lab reports correction, preparation of class materials, student's guide.  
Universidad de los Andes Bogotá, Colombia

## **PUBLICATIONS**

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**Vergara D**, Velasquez L.E. 2008 *In Press*. Larvas de Digenea en *Melanoides tuberculata* (Gastropoda: Thiaridae) en Medellin, Colombia. (Larval Stages of Digenea From *Melanoides tuberculata* (Gastropoda: Thiaridae) in Medellin, Colombia) Acta Biologica Colombiana

**Vergara D**, Bejarano E.E, Velez I.D. 2008. Anomalías Morfológicas en Diferentes Estructuras de Cinco Especies de *Lutzomyia* (Diptera: Psychodidae). (Morphological Annomalies in Different Structures of Five *Lutzomyia* Species (Diptera: Psychodidae)) Revista de la Sociedad Entomológica Argentina (RSEA), 67, 3-4, 87-92.

**Vergara D**, Bejarano E.E., Carrillo L.M., Velez I.D. 2008. Primer Informe de *Lutzomyia yuilli* (Young & Porter 1972) y *Lutzomyia triramula* (Fairchild & Hertig 1952) (Diptera: Psychodidae) en el Departamento de Caldas, Colombia. (First Report of *Lutzomyia yuilli* (Young & Porter 1972) and *Lutzomyia triramula* (Fairchild & Hertig 1952) (Diptera: Psychodidae) in the Department Caldas, Colombia). Biota Neotropica, 8,3,251-253

**Vergara D**, Bejarano E.E., Carrillo L.M., Sierra D., Velez I.D. 2008. Primer Registro de *Lutzomyia scorzai* y *Lutzomyia reburra* (Diptera: Psychodidae) en Antioquia, Colombia. (First Report of *Lutzomyia scorzai* and *Lutzomyia reburra* (Diptera: Psychodidae) in Antioquia, Colombia). Revista Colombiana de Entomología, 34,1,102-104

Guhl F, Aguilera G, Pinto N, **Vergara D**. 2007. Actualización de la Distribución Geográfica y Ecoepidemiología de la Fauna de Triatóminos (Reduviidae: Triatominae) en Colombia. (Geographic Distribution and Ecoepidemiological Actualization of the Triatomine (Reduviidae: Triatominae) Fauna in Colombia). Biomedica, 1, 143-162

## **SOCIETIES**

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- Association for Women in Science
- Asociación Colombiana de Parasitología y Medicina Tropical (Colombian Association of Parasitology and Tropical Medicine)

## **EXPERIENCE WITH THE FOLLOWING TECHNIQUES**

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- Microsatellites and Fragment Analysis
- Alloys
- Genomic and Plasmidic DNA extraction
- PCR
- Insect clearing and treatment
- Insect identification with a guide
- ELISA
- Polyacrylamide and Agarose gel electrophoresis

## **COURSES**

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First Semester 2003	Advanced Helminthology (Postgraduate course) Universidad de los Andes, Bogotá - Colombia
Second Semester 2003	Advanced Protozoology (Postgraduate course) Universidad de los Andes, Bogotá – Colombia Seminar of Advanced Parasitology (Postgraduate course) Universidad de los Andes, Bogotá – Colombia
October 2003	XI Colombian Congress of Parasitology and Tropical Medicine Cali – Colombia.
First Semester 2004	Advanced Entomology (Postgraduate course) Universidad de los Andes, Bogotá – Colombia
Summer 2004	Course in German as a second language. Sprachschule Kapito Münster- Germany.
November 2005	XII Colombian Congress of Parasitology and Tropical Medicine Bogotá – Colombia
Fall Semester 2007	Evolution of Genes and Genomes Evolution of Host-Parasite Interaction Indiana University, Bloomington – USA
Spring Semester 2008	Advanced Population Genetics Population Ecology Indiana University, Bloomington – USA
Summer Semester 2008	Evolution Meeting University of Minnesota, Minneapolis, Minnesota – USA
Fall Semester 2008	Evolution Biostatistics Indiana University, Bloomington – USA