

CURRICULUM VITAE

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Biologist

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Institution name: Universidad de San Carlos de Guatemala (USAC) and Universidad Nacional Autónoma de México (UNAM) (Agreement between the two institutions)

http://pcbiol.posgrado.unam.mx/Contenido/Convenios/ConvenioGuatemala_290609_Final.pdf

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PhD research topic: “Systematics of the bee genus *Melipona* Illiger, 1806 (Hymenoptera: Apidae: Meliponini) of Central America, distributional patterns and conservation”

Name of research adviser: Dr. Ricardo Ayala, Estación de Biología Chamela (Sede Colima), Instituto de Biología, UNAM

EDUCATION

- 2011 Doctorate candidate
- 2009- : Ph.D. Program –Universidad Nacional Autónoma de México (UNAM) as an agreement between the Mexican (UNAM) and Guatemalan (USAC) universities
- 2006-2008: M.Sc. –Universidade Federal de Minas Gerais (UFMG), Minas Gerais, Brazil
- 2001: B.S. in Biology – Universidad de San Carlos de Guatemala (USAC), Guatemala

WORK EXPERIENCE

- 2008- to indefinite. Member of the “Research Biodiversity Unit” of the Center for Conservation Studies (CECON), Faculty of Sciences and Chemistry, USAC.
- 2003-2005. Associate Researcher in the Bee Program. Laboratory of Applied Entomology and Parasitology, School of Biology, USAC.
- 2002. Assistant Researcher. Technical Bureau of Biodiversity (OTECBIO), National Council of Protected Areas (CONAP).
- 1999-2001. Assistant Researcher. School of Biology, General Direction of Research, USAC.
- 1997. Technical Assistant. Museum of Natural History, School of Biology, Sciences and Chemistry Faculty, USAC.

SPECIFIC COURSES AND INTERNSHIPS

- 2011. Internship Packer’s Bee Lab, York University, Toronto, Canada. ELAP Program. Canada. March-August 2011.
- 2010. Short stay. The National Pollinating Insects Collection, USDA-ARS Bee Biology & Systematics Laboratory, Utah University, Logan Utah. November 2-19.
- 2010. Short stay. Chamela’s Biological Station, Institute of Biology, National Autonomus University of Mexico. México. June.
- 2005. Central American Workshop “**Concise and Competitive Writing of proposals for IFS and other funding agencies**”. Netropica, IFS, SSI, CYTED. Guatemala. November 23-26.
- 2005. “**Systematic of Native Bees (Hymenoptera: Apoidea), with an introduction to phylogenetic systematics**”. Chamela’s Biological Station, Institute of Biology, National Autonomus University of Mexico. May 30- June 14.

- 2005. “**Pollination Ecology**”. Ph.D Marcelo Aizen and Ph.D Diego Vásquez. National University of Comahue. Bariloche. Argentina. February 7-13.
- 2003. “**Development and Management of scientific data bases**”. Ph.D Klaus Meltherter y Maricruz Penedo (Institute of Ecology A.C, Xalapa, México). University of San Carlos, Guatemala. November 17-21.
- 2003. “**Meliponiculture: Biology and Management of Stingless bees**”. Instructors of El Colegio de la Frontera Sur. Tapachula, México. November 5-6.
- 2003. “**The Bee Course: A Workshop for Conservation Biologists, Pollination Ecologists, and other Biologists**”. Jerome G. Rozen, Jr. and Co-Instructors. Portal, Arizona, USA. August 20-28.
- 2003. “**Management and Curation of Insect Collections**”. Ph.D Robert Woodruff, (Florida State Collections of Arthropods, Gainesville). Del Valle University, Guatemala. June 2-5.
- 2003. “**Classification of Meliponines (stingless bees)**”. Ph.D Ricardo Ayala (UNAM). Guatemala. March 4-11.
- 2002. “**Diversity, Biology and Rearing of stingless bees**”. School of Biology, University of San Carlos of Guatemala. Guatemala. May 8-10.
- 2002. **Programmed Visit to “Centro de Investigaciones Apícolas Tropicales (CINAT)”**. National University of Costa Rica. M.Sc. I. Aguilar. February 17-23.

RESEARCH EXPERIENCE

- 2009. Associate Researcher in the project “Diversity and Distribution of the Bumble Bees (*Bombus*) species in the Chimalteca, Volcanic and Escuintleca areas in Guatemala”. M. Vásquez. FODECYT-Guatemala.
- 2006-2008. MSc. thesis project “The genus *Melipona* in Minas Gerais: Identification, Distribution and Conservation”. Adviser: F. Amaral da Silveira, ICB-UFGM, Minas Gerais, Brazil.
- 2005. Principal researcher in the project “Developing the sustainable use of native bees of Guatemala”. C.L. Yurrita. FACYT-Guatemala.
- 2005. Principal researcher in the project “Interaction between pollinators and the landscape structure and function in Chelemhá, Alta Verapaz”. C.L. Yurrita FODECYT-Guatemala.
- 2005. Associate Researcher in the project “Accelerate reproduction of two native stingless bee species *Melipona beecheii* and *Tetragonisca angustula*”. E. Enríquez. AGROCYT-Guatemala.
- 2004. Research Assistant (GIS component) in the Project “Ecosystem Approach to Chagas’ Disease control in Guatemala”. Dr. C. Monroy. IDRC-Canada.
- 2003-2004. Associate Researcher in the project “Rearing of Stingless bees for their rational use and marketing of their products, as a sustainable economic alternative in El Trifinio, Chiquimula”. E. Enríquez. AGROCYT-Guatemala.
- 2002. Assistant Researcher in the project “Information Network on Invasive Exotic Species, IABIN (I3N)”. OTECBIO-CONAP, USGS.
- 2000-2001. Assistant Researcher in the project “Distribution, diversity and richness of small mammals in the area between BUCQ and RBSM”. S. Lou. DIGI-IIQB, FCG, IIQB, Wildlife Conservation Society (WCS).
- 1999-2000. Assistant Researcher in the project “Characterization of Hunting Activity in the Laguna Lachuá National Park, Guatemala”. C. Méndez. NUFU (Norway)-DIGI (Guatemala)-UICN.
- 1999. Assistant Researcher in the project “Food Resources of frugivorous bats in Yaxhá Tropical Forest, Petén” S. Lou. DIGI-IIQB-Idea Wild.

PUBLICATIONS

- **Yurrita C.L.**, M. Vásquez. (in rev.) The stingless bees of Guatemala. In Vit, P. and Pedro, S.M. (eds). Pot Honey: a legacy of stingless bees.
- Vásquez M., **C.L. Yurrita**, N. Escobedo (Eds.). 2010. The bumble bees: Distribution and food resources in Guatemala. CONCYT-USAC. Guatemala. 64 pp.
- **C.L. Yurrita** (Ed.). 2009. Proceedings of the VI Mesoamerican Congress on Native bees. Universidad of San Carlos of Guatemala, Guatemala, 368pp.

- Lou S., **C.L. Yurrita**. 2005. Analysis of the food resources of the frugivorous bat community of Yaxhá Petén, Guatemala. *Acta Zoológica Mexicana*. 21(1):83-94.
- Enríquez E., **C.L. Yurrita**, C. Monroy. 2002. Manual “Biology and Reproduction of the stingless bees”. CONCYT, SENACYT, FONACYT, USAC, LENAP, EDC. Guatemala. 36 pp.

PRESENTATIONS AT CONFERENCES

- 2009. **C.L. Yurrita** *et al.* The bee fauna of Guatemala and the importance of participating in the Barcode of Life. 3rd International Barcode of Life Conference. 7-12 November 2009. Mexico City
- 2009. **C.L. Yurrita**, E. Enríquez, R. Ayala, T. Griswold. The Native Bees (Hymenoptera: Apoidea) of Guatemala. VI Mesoamerican Congress on Native Bees. Oral Presentation. October, 27-30. Guatemala.
- 2008. **C. L. Yurrita**, F. A. Silveira. The genus *Melipona* Illiger, 1806 (Hymenoptera, Apidae, Meliponini) in Minas Gerais – distribution and conservation. V Mesoamerican Congress on Stingless bees. Oral presentation October. Merida, Yucatan, Mexico.
- 2005. **C. L. Yurrita** & E. Enríquez. Distribution of the stingless bees in Guatemala. IV Mesoamerican Seminar on Stingless bees. Oral Presentation. PROMABOS, El Salvador.
- 2004. **C. L. Yurrita**, E. Enríquez, C. Monroy, A. Marroquín. Study of stingless bee diversity in Guatemala. 8th IBRA International Conference on Tropical Bees. Poster presentation. Ribeirão Preto, Brazil. September 6-10.
- 2003. E. Enríquez, **C. L. Yurrita**, R. Ayala, C. Monroy, A. Marroquín. Preliminary list of the stingless bees of Guatemala. III Mesoamerican Seminar on Stingless bees. Poster presentation. Tapachula, México. November, 5-6.

LANGUAGES

- Spanish: mother tongue
- French: excellent reading, comprehension, writing and speaking
- Portuguese: excellent reading, comprehension, writing and speaking
- English: excellent reading and comprehension, very good writing and speaking