

MARIANA GELAMBI DESIATO

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CURRENT POSITION

Instructor Professor of 'Evolutionary Biology'. Faculty of Sciences. Department of Biology. Universidad de Los Andes. Mérida, Venezuela 2018-present

EDUCATION

Ph.D. Biological sciences Fall 2019
Virginia Polytechnic Institute and State University (starting date)
Advisor: Dr. Susan Whitehead

Licentiate in Biology, *magna cum laude*. Universidad de Los Andes. Mérida, Venezuela. GPA: 18.00/20.00 2017

Thesis, recommended for publication: "Digestive efficiency of proteins and glucose of the frugivore bat *Carollia brevicauda* (Chiroptera: Phyllostomidae)".

Advisors: M. Sc. Sylenne Moreno and Dr. Jesús Molinari

LANGUAGES

Spanish (native language) and English (TOEFL scores: reading: 28, listening: 23, speaking: 22 and writing: 21. Total score: 94).

SPECIALTY AREAS

Evolution, Zoology and General Biology of Bats

SKILLS

- Proficient in field work (including management of bats and capture of bats using mist nest).
- Extraction and quantification of biomolecules.
- Proficient in statistical analysis and software (R, PRIMER + PERMANOVA, PAST, SPSS and SigmaPlot).

ADDITIONAL TEACHING EXPERIENCE

Teaching assistant. Laboratory of Biochemistry. Faculty of Sciences. Department of Biology. Universidad de Los Andes. Mérida, Venezuela. 2015-2016

RESEARCH ASSISTANT

Research assistant *ad honorem* in the project: Morphometrics and taxonomy of bats of the genus *Molossus* (Chiroptera: Molossidae) in Venezuela. 2017

COURSES

- Workshop: Introduction to R language. Faculty of Sciences. Universidad de Los Andes. Mérida, Venezuela. 2018
- Statistics applied to investigation. Faculty of Medicine. Universidad de Los Andes. Mérida, Venezuela. 2018
- Bioinformatics. Curricular extension courses. Faculty of Sciences. Universidad de Los Andes. Mérida, Venezuela. 2015
- Biochemistry Techniques. Curricular extension courses. Faculty of Sciences. Universidad de Los Andes. Mérida, Venezuela. 2014

AWARDS AND HONORS

- Distinction “María Duchicela Velásquez Olivares”, for higher academic performance: advanced level. Faculty of Sciences. Universidad de Los Andes. 2016
- Luis María Ribas Dávila Order, for high academic performance. Universidad de Los Andes. 2015, 2014, 2013, 2012

CONFERENCES, CONGRESSES AND ORAL PRESENTATIONS

- “Are humans really descended from apes?” (Advisor). Science fair. Faculty of Sciences. Universidad de Los Andes. Mérida, Venezuela. 2018
- “Survival of the fittest”, “for the good of the species”: Misconceptions about Evolution. Conference: “Let's talk about Evolution”. Faculty of Sciences. Universidad de Los Andes. Mérida, Venezuela. 2018
- “Digestive efficiency of protein and glucose of the frugivore bat *Carollia brevicauda* (Chiroptera: Phyllostomidae)”. Conference: “Bat Week Celebration”. Faculty of Sciences. Universidad de Los Andes. Mérida, Venezuela. 2016
- "What does the banana tree show us about the ecogeographic rules? Evidence from Venezuelan populations of *Hypsiboas crepitans*". XI Venezuelan Congress of Ecology. Escalona, M., Hoyos, J., **Gelambi, M.** 2015

and Biganzoli, A. Porlamar, Venezuela.

- “Study of microorganisms present in everyday environments”. Science fair. 2015
Faculty of Sciences. Universidad de Los Andes. Mérida, Venezuela.
- “Metric differences of *Rhodnius prolixus* in laboratory colonies”. AsoVAC. 2011
Mérida, Venezuela.
Advisor: Dr. Elis Aldana.

WORKS IN PROGRESS

- “Do frugivorous bats assimilate nutrients efficiently? *Carollia brevicauda* (Phyllostomidae), and the fruits of its staple food plant, *Piper aduncum* (Piperaceae), as a case study” **Gelambi, M.**, Moreno, S., Biganzoli, A. & Molinari, J. Article manuscript in progress.
- “Geographic morphometric variation in *Boana xerophylla* (Duméril & Bibron, 1841) along an altitudinal cline: does a neotropical treefrog follow the Bergmann’s and Allen’s rules?” Escalona, M., Hoyos, J., **Gelambi M.** & Biganzoli A. Article manuscript in progress.

VOLUNTEER WORK

- Labeling of bats in the vertebrates collection (CVULA). Universidad de Los Andes. Mérida, Venezuela.

REFERENCES

Dr. Jesús Molinari
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and Statistics
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Dr. Gustavo Fermín
Professor of Genetics and
Molecular Ecology
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Professor of Plant Ecology and
Statistics
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