

Daniel Rodríguez

Ph.D. Student

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Higher Education

Doctor of Philosophy Biosciences Julius-Maximilians-Universität Würzburg	Würzburg, Germany 2020 -Present
Master of Science Biosciences Julius-Maximilians-Universität Würzburg	Würzburg, Germany 2017 - 2020
Bachelor of Science Biology Universidad Nacional de Colombia	Bogotá, Colombia 2011 - 2016

Professional Experience

Doctoral researcher Zoo3 department, Biocentre, Faculty of Biology, Julius-Maximilians-Universität Würzburg • Project: Function of Cuticular Hydrocarbons in Honey bees	Würzburg, Germany January 2024 - Present
Part-time research Assistant Biocentre, Faculty of Biology, Julius-Maximilians-Universität Würzburg • Activities: Extraction and GC-MS analysis of Cuticular hydrocarbons.	Würzburg, Germany December 2020 - December 2023
International Student Tutor Kompass Program, Faculty of Biology, Julius-Maximilians-Universität Würzburg	Würzburg, Germany November 2018 - September 2020
Biology teacher Grupo Formarte S.A.S • Topics: biomolecules, protein synthesis, basic cell biology, genetics, metabolism, plants and animal systems, ecology, and evolution.	Bogotá, Colombia August 2016 - February 2017
Internship Biodiversity Sciences program of the Line of Risk Assessment and Wildlife, Instituto Alexander von Humboldt • Activities: Build up data bases of Colombian exotic wildlife species with invasive potential, and native Colombian wildlife species reported in the Colombian red list books.	Bogotá, Colombia August 2016 - February 2017

Continuing Education

Social Evolution Faculty of Science, University of Copenhagen	Copenhagen, Denmark November 2019
Intercultural Competences Faculty of Biology, Julius-Maximilians-Universität Würzburg	Würzburg, Germany April - July 2018
Models of Species Distribution Faculty of Science, Universidad Nacional de Colombia	Bogotá, Colombia September 2016 - February 2017

Publications

- Rodriguez-Leon, D. S., & Lopez Arevalo, H. F. (2019). Variacion de la abundancia relativa de perros en un gradiente de presencia humana en dos reservas privadas (Tabio, Cundinamarca). *Acta Biologica Colombiana*, 24(2), 379–390. <https://doi.org/10.15446/abc.v24n2.70608>

Conference contributions

Presentation: The expression of elongases and desaturases shed light on the CHC plasticity of honey bees (<i>Apis mellifera</i>) 7th meeting of the Central European Section of the IUSSE	Cluj-Napoca, Romania September 19 2023
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Presentation: Honeybee workers display task-related and subspecific patterns in their cuticular hydrocarbon profiles Symposium of Communication and Chemical Ecology, 9th European Congress of Apidology	Belgrade, Serbia September 22 2022
Poster: Variation of cuticular hydrocarbon profiles among honeybee workers with different social roles and between different <i>Apis mellifera</i> subspecies 113th Meeting of the German Zoology Society	Virtual Meeting via Gather August 31 2021
Flash presentation: Variation of the cuticular hydrocarbon profiles among honeybees workers with different social roles and between different <i>Apis mellifera</i> subspecies 68th Annual Meeting of the Working Group of the Institutes for Bee Research e.V.	Virtual Meeting via Zoom March 24 2021
Poster: Research of the biology and behavior of feral dogs in the PNN Chingaza, for an understanding of their ecological role II Symposium of Animal Behavior, IV Colombian Congress of Zoology	Cartagena D.T., Colombia December 2014
Presentation: Variation of the relative abundance and diet of dogs (<i>C. lupus familiaris</i>) on a gradient of human presence in a natural preserve of the civil society (Tabio, Cundinamarca) Symposium of bachelor theses 2016-I, Faculty of Science, Universidad Nacional de Colombia	Bogotá, Colombia May 2016

Stipends and Awards

Doctoral fellowship Foreigners promotion, Konrad-Adenauer-Stiftung	Würzburg, Germany January 2021 - December 2023
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Voluntary work

Member of the Doctoral Researchers Council Graduated School of Life Sciences, Julius-Maximilians-Universität Würzburg	Würzburg, Germany January 2022 - Present
International Student Tutor Kompass Program, Faculty of Biology, Julius-Maximilians-Universität Würzburg	Würzburg, Germany September 2020 - Present

Additional Qualifications

Offimatic	MS Office: Good Knowledge (User)
Coding	R: Advanced knowledge Markdown: Intermediate knowledge Python: Basic knowledge Git: Basic knowledge
Languages	Spanish: Mother Tongue English: Advanced (C1) German: Intermediate (B2)