

Daniel Rodríguez

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Higher Education

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

Professional Experience

Doctoral researcher	Würzburg, Germany
Zoo3 department, Biocentre, Faculty of Biology, Julius-Maximilians-Universität Würzburg	January 2024 - June 2024
<ul style="list-style-type: none">• Project: Function of Cuticular Hydrocarbons in Honey bees.• Teaching: Chemical ecology practical course for Master students.	
Part-time research Assistant	Würzburg, Germany
Biocentre, Faculty of Biology, Julius-Maximilians-Universität Würzburg	December 2020 - December 2023
<ul style="list-style-type: none">• Activities: Extraction and GC-MS analysis of Cuticular hydrocarbons.	
International Student Tutor	Würzburg, Germany
Kompass Program, Faculty of Biology, Julius-Maximilians-Universität Würzburg	November 2018 - September 2020
Biology teacher	Bogotá, Colombia
Grupo Formarte S.A.S	August 2016 - February 2017
<ul style="list-style-type: none">• Topics: biomolecules, protein synthesis, basic cell biology, genetics, metabolism, plants and animal systems, ecology, and evolution.	
Internship	Bogotá, Colombia
Biodiversity Sciences program of the Line of Risk Assessment and Wildlife, Instituto Alexander von Humboldt	August 2016 - February 2017
<ul style="list-style-type: none">• 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.	

Continuing Education

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

Conference contributions

Honey bee (<i>Apis mellifera</i>) CHC variations: New insight from desaturases and elongases expression assays	Lausanne, Switzerland
European meeting of the International Union for the Study of Social Insects (IUSSI)	July 8 2024

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 IUSSI	Cluj-Napoca, Romania September 19 2023
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)