

César Bertinetti Cerrato | Curriculum Vitae

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ACADEMIC BACKGROUND

UNIVERSITY OF KONSTANZ KONSTANZ, GERMANY

M.Sc. Biological Sciences – Ecology, Evolution & Behavior Track (Expected) Graduation: 03/2022

Thesis: The Adaptive Significance of the Molecular Variation in the Visual System of Cichlid Fish

[Prof. Dr. A. Meyer](#) & [Dr. A. Jordan](#), Supervised by [Dr. J. Torres-Dowdall](#) (Ongoing) Score: 1.3

UNIVERSITY OF KONSTANZ KONSTANZ, GERMANY

B.Sc. Biological Sciences – Specialization in Insect Neuroethology Graduation: 09/2019

Thesis: Age Polyethism in the Honeybee's (*Apis mellifera*) Defensive Behavior

[Prof. Dr. C. J. Kleineidam](#), Supervised by [Dr. M. Nouvian](#) Overall Score: 2.4

RESEARCH EXPERIENCE

UNIVERSITY OF KONSTANZ KONSTANZ, GERMANY

Graduate Research Assistant Molecular Evolutionary Biology

Project: Plastic Responses of the Visual System in Teleost Fish 12/2020 – Present

[Prof. Dr. A. Meyer](#) & [Dr. J. Torres-Dowdall](#)

UNIVERSITY OF KONSTANZ KONSTANZ, GERMANY

Graduate Research Assistant Neuroethology of Social Insects

Project: Dose-Dependent Stinging Response in Honeybee's 06/2020 – 12/2020

[Dr. M. Nouvian](#)

NATIONAL CHUNG HSING UNIVERSITY TAICHUNG, TAIWAN

Undergraduate Research Assistant Entomology, Insect-Plant Interaction

Project: Life History Traits of Black Soldier Fly *Hermetia illucens* 08/2017 – 09/2018

[Prof. Dr. S. Y. Hwang](#), Supervised by [Dr. A. C. Samayoa](#)

UNIVERSITY OF KONSTANZ KONSTANZ, GERMANY

Undergraduate Research Assistant Cloning, Protein Expression & Purification

Project: Cysteine Proteases for Pharmaceutical Use 12/2016 – 04/2017

[Prof. Dr. T. Böttcher](#), Supervised by [Dr. M. Prothiwa](#)

TEACHING EXPERIENCE

UNIVERSITY OF KONSTANZ

Graduate Teaching Assistant
Review of Concepts in Modern Evolutionary Theory

[Prof. Dr. A. Meyer](#) & [Dr. R. Greenway](#)

KONSTANZ, GERMANY

Evolution & Behavior (BIO-10150)
Winter Term 2020 & 2021

UNIVERSITY OF KONSTANZ

Undergraduate Teaching Assistant
Practical Exercises on Plant Morphology & Biodiversity

[Dr. V. M. Dörken](#)

KONSTANZ, GERMANY

Botanical Identification Exercises (BIO-10980)
Summer Term 2017

PEER-REVIEWED PUBLICATIONS

2. **Bertinetti, C.**, Karagic, N., Härer, A., Meyer, A., Torres-Dowdall, J. (*In prep.*): Phenotypic Variation in The Visual System Underlies Local Adaptation to a Photic Gradient Along the Nicaraguan Lakes
1. **Bertinetti, C.**, Samayoa, A. C., Hwang, S. Y. (2019) Effects of Feeding Adults of *Hermetia illucens* (Diptera: Stratiomyidae) on Longevity, Oviposition, and Egg Hatchability: Insights into Optimizing Egg Production. *J Insect Sci* 19:19

PRESENTATIONS

Bertinetti, C., A. Härer, A. Meyer, J. Torres-Dowdall: Stay Tuned! Visual Sensitivity of Nicaraguan Crater Lake Cichlids Correlates with Photic Environment. *Annual Virtual Evolution 2021*.

HONORS AND AWARDS

[PROMOS Travel Grant](#)

German Academic Exchange Service (DAAD) – 2,500€

[CTCI Exchange Scholarship](#)

Center for Corporate Sustainability (CCS) – 100,000 NTD

GERMANY, 2017

TAIWAN, 2018

PEER-REVIEWER

Journal of Medical Entomology, Journal of Economic Entomology

MEMBERSHIPS

Society for the Study of Evolution (SSE)