**FABIAN CAMILO SALGADO ROA**

[**https://fcsalgado.github.io/**](https://fcsalgado.github.io/)

**EDUCATION**

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| --- | --- | --- |
| 2020-Present (Thesis submitted in November 2024) | Ph.D. in Science | The University of Melbourne |
| 2017-2019 | Master in Biological Sciences | Universidad de los Andes |
| 2011-2016 | Biologist (Award for best GPA in Biology) | Universidad del Tolima |

**EMPLOYMENT**

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| --- | --- | --- |
| 2022-2024 | Teaching assistant | The University of Melbourne, Melbourne-Australia |
| 2019-2021,2024 | Teaching assistant and casual lecturer | Universidad del Rosario, Bogotá-Colombia |
| 2017-2020 | Research assistant | Universidad del Rosario, Bogotá-Colombia |
| 2017-2019 | Teaching assistant | Universidad de los Andes, Bogotá-Colombia |

**GRANTS AND AWARDS**

***External competitive grants and awards***

Research Grant extension. Causes and consequences of colour polymorphism in spiders. Holsworth Wildlife Research, Ecological Society of Australia, 2024 (AUD $5,000)

Research Grant. Evolution of melanic polymorphism in spiders. Graduate Research Excellence Grant R. C. Lewontin Award, The Society for the Study of Evolution (SSE), 2022 (USD $2,500)

Research Grant. Causes and consequences of colour polymorphism in spiders. Holsworth Wildlife Research, Ecological Society of Australia, 2021 (AUD $7,000)

Research Grant. The role of spider colour in prey attraction: Experimental test in a species. American Arachnological Society, 2021 (USD $400)

Melbourne Research Scholarship,The University of Melbourne, Australia, 2020-2024

Young Research Assistant fellowship, Colciencias. Is there an effect of climate change over the hybrids zones of Colombian species/subspecies?, 2018-2019 (USD $ 8,000)

Young Research Assistant fellowship, Colciencias. Nothern Andes promotes genetic differentiation in the populations of *Gasteracantha cancriformis* (Araneae, Araneidae) , 2016-2017 (USD $ 8,000)

***Internal competitive grants***

Research Grant. Drivers of colour polymorphism across the landscape: How climate influences colour diversity in the Christmas jewel spider. The Jasper Loftus-hills Memorial Awards, The University of Melbourne, 2023 (AUD $2,500)

Research Grant. Causes and consequences of colour polymorphism in spiders. Georgina Sweet Scholarship, The University of Melbourne, 2022 (AUD $7,000)

Research Grant. Causes and consequences of colour polymorphism in spiders. Macbain Research Scholarship, The University of Melbourne, 2021 (AUD $1,100)

Seed Research Grant, Universidad de los Andes, 2018. Buscando los genes del color y midiendo el efecto de barreras geográficas en la diversificación de *Gasteracantha cancriformis* (Araneae:Araneidae) (USD $ 1,500)

**INVITED TALKS AND CONFERENCE PRESENTATIONS (5 international conferences, 3 national conferences, 3 invited talks)**

***International congress presentations***

Third joint congrees on evolutionary biology, 2024, Montreal-Canada

Latin American congress of arachnology (invited symposium speaker), 2024, Bogotá-Colombia

Evolution meeting 2023, Albuquerque-United States of America

Congress of the european society for evolutionary biology, 2022, Prague-Czech republic

Congress of the european society for evolutionary biology, 2019, Turku-Finland

***National congress presentations***

Conference of the Australian evolution society, 2023, Adelaide-Australia

Conference of the Australian evolution society, 2022, Canberra-Australia

Conference of the Colombian evolution society (COLEVOL), 2017, Cali-Colombia

***Invited talks***

Graduate Research Excellence Grants seminar series, Society for the study of evolution, 2024, virtual, available: <https://www.youtube.com/watch?v=l4KlQlMkiWw&list=LL&index=2&t=2s>

Charlas sobre la biodiversidad, Universidad Nacional de Colombia, 2024, Bogotá-Colombia

Seminar series, Universidad del Tolima, 2023, Ibagué-Colombia

**TEACHING EXPERIENCE**

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| --- | --- | --- |
| 2022-2024 | Analysis of biological data (Demostrator) | The University of Melbourne |
| 2020,2024 | Bioinformatics (Lecturer) | Universidad del Rosario Bogotá-Colombia |
| 2023 | Experimental Animal Behaviour (Group leader) | The University of Melbourne |
| 2022-2023 | First year biology (Teaching assistant) | The University of Melbourne |
| 2022 | Evolution (Teaching assistant) | The University of Melbourne |
| 2020-2021 | Scientific writing (Lecturer) | Universidad del Rosario Bogotá-Colombia |
| 2020-2021 | Evolutionary genetics (Teaching assistant) | Universidad del Rosario Bogotá-Colombia |
| 2019 | Evolutionary biology (Teaching assistant) | Universidad del Rosario Bogotá-Colombia |
| 2019 | Molecular biology (Teaching assitant) | Universidad del Rosario Bogotá-Colombia |
| 2019 | DNA and evolution of Humans (Lecturer) | Universidad del Rosario Bogotá-Colombia |
| 2019 | Plant physiology (Teaching assistant) | Universidad de los Andes Bogotá-Colombia |
| 2017-2018 | Cell biology (Teaching assistant) | Universidad de los Andes Bogotá-Colombia |

**CONTRIBUTION TO PROFESSION**

**Undergraduate thesis co-advisor**

Delimitation of the cryptic lineages of *Araneus bogotensis* (Araneae,Araneidae). Undergraduate thesis by Daniel Garrido. Universidad del Valle 2022.

Divergence by the Andes: Vicariance of the populations of *Ancylometes bogotensis* (Araneae: Ctenidae). Undergraduate thesis by Andrés Gamez. Universidad del Rosario, 2019.

**Thesis referee**

Undergraduate tesis referee. Universidad del Valle, 2019,2024.

**Conference, meeting organisation**

Organizer of I Symposium of Phylogeography and Neotropical Evolution, Bogotá-Colombia, 2018.

Main organizer of the Conference in Evolutionary Biology, “Darwin Day”. Colombian Society of Evolutionary Biology (ColEvol), Universidad del Tolima, Ibagué-Colombia, 2013-2017.

**Reviewer**

Editorial reviewer in Journal of Evolutionary Biology (JEB)

Editorial reviewer in Revista de Biología Tropical (Journal of Tropical Biology).