

## Juliane Gaviraghi Mussoi - PhD Candidate

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### Summary

- **Ph.D. candidate** in Biology from the University of Auckland (New Zealand).
- **Master of Science** - Biology - Animal Ecology from Lund University (Sweden).
- Experience in avian **cognition, behaviour** and **vision**.
- More than ten years of **teaching** experience in several areas.
- Experience with **handling, banding** and **husbandry** of wild and captive birds.

### Education

**Ph.D. candidate.** University of Auckland - New Zealand (2019 – present)  
Thesis: The effects of sleep on avian vocal performance.

**Master's in biology** - Animal Ecology. Lund University – Sweden (2016 – 2018)  
Thesis: Mirror-mediated spatial location in great tits (*Parus major*).

**Bachelor in Biological Sciences.** Universidade de Caxias do Sul – Brazil (2011 – 2016)  
Thesis: Behavioral analysis of Southern lapwing, *Vanellus chilensis*, with human presence.

**Exchange** - General Biology. Thompson Rivers University – Canada (2012 – 2013)  
Exchange Program through the Brazilian government scholarship Science Without Borders

### Research

University of Auckland - Mar/2019 - present  
Ph.D. project  
Project: The effects of **sleep** on avian **vocal performance**.  
Advisor: Kristal Cain, Margaret Stanley

University of Auckland - Mar/2019 – Mar/2020  
Ph.D. project  
Project: **Visual** and **auditory ornaments** in New Zealand Fantails (*Rhipidura fuliginosa*)  
Advisor: Kristal Cain, Margaret Stanley

Lund University - Jun/2018 - Aug/2018  
Internship  
Project: **Detection** of moving targets in **budgerigars** (*Melopsittacus undulatus*)  
Advisor: Almut Kelber

Lund University - Aug/2017 – Jun/2018  
Master Thesis  
Projects: Mirror-mediated **spatial location** in great tits (*Parus major*)  
Advisor: Anders Brodin

Lund University - Nov/2016 – Jul/2017  
Internship  
Projects: **Problem solving** in urban and rural great tits (*Parus major*)  
**Self-control** with experienced great tits (*Parus major*)  
Advisor: Anders Brodin

Universidade de Caxias do Sul - May/2015 – Apr/2016

Bachelor's Thesis

Project: **Behavioural analysis** of Southern Lapwing (*Vanellus chilensis*) with **human** presence

Advisor: Renata de Boni Dal Corno

Thompson Rivers University - May/2013 – Aug/2013

Field Technician

Project: Associations of **parental care** and quality on offspring **plumage** colouration in mountain bluebirds (*Sialia currucoides*)

Advisor: Matthew Reudink

Universidade de Caxias do Sul - Mar/2011 – Aug/2012

Laboratory Internship

Project: **Cellulase, xylanase and pectinase production** from *Penicillium echinulatum*, *Aspergillus ozyae* e *Trichoderma reesei* fungi in solid and liquid cultivation.

Advisor: Marli Camassola, Aldo José Pinheiro Dillon

### Teaching experience

**Tools to make engaging research posters** - 2021

Online Workshop - [Youtube Link](#)

Australasian Society of the Study of Animal Behaviour - 2021

**Biology of Terrestrial Animals (BIOSCI 338)** – 2021 - 2022

Teaching Assistant

The University of Auckland, New Zealand

**Animal Behaviour (BIOSCI 337)** – 2019 - 2021

Teaching Assistant

The University of Auckland, New Zealand

**Animal Form and Function (BIOSCI 207)** – 2019, 2021

Teaching Assistant

The University of Auckland, New Zealand

**Skype a Scientist Program** - Mar/2019 – Dec/2019

**English as Second Language** - Sep/2018 - Feb/2019

English Teacher

Talkers Idiomas, Brazil

**Animal Behaviour** - Apr/2018

Demonstrator

Lund University, Sweden

**English as Second Language** - Aug/2015 – Jul/2016

English Teacher

SKILL Idiomas, Brazil

**English as Second Language** - Sep/2013 – Jul/2014

English Teacher

Instituto de Idiomas Yázigi, Brazil

**Computer to Older Adults** - Sep/2013 - Dec/2013

Teacher

Community Volunteering, Brazil

**Community Teacher** - Mar/2007 - Jul/2012

Community Volunteering, Brazil

## Scholarships and Prizes

**ISBE Travel Award (2022)**

**Runner-up - Best Student Poster NZES Conference (2021)**

**Best poster - SBS Showcase (2021)**

**AOC 2022 Student Grant (2021)**

**CBB publication stipend (2021)**

**ASSAB Student Research Grant (2020)**

**3rd place - FoS PG Research Showcase (2019)**

**University of Auckland Doctoral Scholarship (UoADS) (2019 - 2022)**

**Science without Borders Scholarship (2012 - 2013)**

## Courses and Training

**Bioacoustic Analysis in R (2021)** - Organization for Tropical Studies (OTS)

**Wild Bird Rescue and Rehabilitation (2021)** - Learn Bird Care and New Zealand Bird Rescue

**Strategic communication for environmental causes (2021)** - Universidade de Caxias do Sul (UCS)

**Outdoor First Aid (2019)** - First Training

## Event Presentations

**New Zealand Ecological Society Conference (Poster) - 2020**

Virtual Meeting

**School of Biological Sciences Showcase - UoA (Poster) - 2021**

Virtual Meeting

**ASSAB Conference 2020 (Talk + Organization) - 2020**

Virtual Meeting

**25th Congress of the European Sleep Research Society (Poster) - 2020**

Virtual Meeting

**57th Annual Conference of the Animal Behavior Society (Talk) - 2020**

Virtual Meeting

**Exposure Postgraduate Research Exposition - 2019**

Auckland, New Zealand

**Faculty of Science 2019 Postgraduate Poster Competition - 2019**

Auckland, New Zealand

**ASSAB Conference 2019 (Poster presentation) - 2019**

Waiheke, New Zealand

**35th International Ethological Conference (Poster presentation) - 2017**

Estoril, Portugal

**Biologists in Lund Annual Meeting (Poster presentation) - 2017**

Lund, Sweden

**Swedish OIKOS Meeting (Symposia presentation) - 2017**

Lund, Sweden

**Meeting of Young Researchers (Poster presentation) - 2011**

Caxias do Sul, Brazil

## Professional Services

**Workshop coordinator** - 04/2021 – Present  
Australasian Society of the Study of Animal Behaviour – ASSAB  
**Blood coordinator** - 06/2019 – Present  
School of Biological Sciences  
**Outreach officer and board member** - 07/2019 - present  
Australasian Society of the Study of Animal Behaviour - ASSAB  
**Manuscript reviewing**  
Evolutionary Ecology – 2020  
Behavioural Processes – 2019  
**Outreach officer and board member** - 2017 - 2018  
Projekt6 (NGO)

## Professional Societies

**Australasian Society of the Study of Animal Behaviour**  
Member (04/2019 - present)  
**Birds New Zealand**  
Member (04/2019 - present)  
**International Society for Behavioural Ecology**  
Member (02/2020 - present)

## Relevant Certifications

**Banding Level 1** - New Zealand (2019)  
**Bird Handling** - Sweden (2016)  
**Animal Handling** - Canada (2013)  
**Laboratory Animal Handling** - Brazil (2012)

## Volunteering

**Board Member and Head of Project and Internal Engagement at NGO Projekt6** - 2018  
**Outreach Officer at NGO Projekt6** - 2017  
**Organization Volunteer for Swedish OIKOS Meeting** - 2017  
**Vice-Secretary of Biology Student Union (UCS)** - 2015  
**Computer to Older Adults Teacher** - 2013  
**Community School Teacher** - 2007 - 2012  
**Organization Volunteer for Simpósio Nacional de Bioprocessos** - 2011

## Languages

**Portuguese** (Native)  
**English** (Proficient)  
**Spanish** (Basic)  
**Italian** (Basic)