

# Christina Miller

✉christina.miller@uqconnect.edu.au ☎+31 415 926 535 🌐christinalmiller.com

## Summary

---

I am a PhD student at the University of Queensland in the Biological Sciences department studying the nature of genetic variation during an environmental change under the supervision of Associate professor Katrina McGuigan and co-supervision of Professor Craig Franklin. My previous research has focused on behavioural ecology, morphology, physiology, and microhabitat divergence in relation to environmental change. I now aim to investigate genotype-by-environment interactions and trait correlations using a quantitative genetic approach to evolutionary biology.

## Current Employment

---

**2023–Present**

**Post-doctoral Research Associate in Quantitative Genetics**

Michigan State University, US

The main focus of this research was xxxx

To do this I worked on xxxxx

More thing to write here

## Education

---

**2018–2022**

**PhD in Quantitative Genetics**

The University of Queensland, AU

Thesis title: *Determining the genetic and mutational contributions to a complex*

**2014–2015**

**MSc in Animal Behaviour**

Exeter University UK

Thesis Title: *Evolutionary consequences of interspecific competition: Anolis sag*

**2010–2013**

**BSc(Hons) in Psychology**

Birmingham City University, UK

Thesis Title: *Colour me beautiful: Innate or learned attractions between the sex*

## Publications

---

**Miller, C.L.**, Sun D., Thornton, L.H., McGuigan, K. (2022). The contribution of mutation to variation in temperature-dependent sprint speed in zebrafish, *Danio rerio*. bioRxiv. DOI: 10.1101/2022/09/28/509995

Logan, M.L., Neel, K.L., Nicholson, J-D.J., Stokes, A., **Miller C.L...** Cox, C. (2021). Sex-specific microhabitat use is associated with sex-biased thermal physiology in *Anolis* lizards. *Journal of Experimental Biology*, 244. DOI: 10.1242/JEB.235697

Neel, L.K., Logan, M.L., Nicholson, D.J., **Miller, C.L**...Cox, C. (2021). Habitat structure mediates vulnerability to climate change through its effects on thermoregulatory behavior. *bioTropica*, 00:1-13. DOI: 10.1111/btp.12951

**Miller, C.** (2017). Morphological and roosting variation in the dwarf chameleon, *Brookesia stumpffi*, between primary, secondary, and degraded habitats in Nosy Be, Madagascar. *Journal of Herpetology, Conservation and Biology*, 12 (3): 599-605.

Research Experience

---

Teaching and Outreach

---

2021–2022	<b>Science Ambassador</b> Wonder of Science, AU Presented information about STEM, academia, and careers to various schools a Assisten in running a 'Girls in Science' (GSTEM) program. This involved ment Visited remote schools around Queensland teaching a science subject related to Helped with setting up the conferences and judging the student’s presentations.
2019-2022	<b>Teaching assistant/ tutor</b> Department of Biological Sciences, University of Queensland Lead field trips in South East Queensland for an international programs course, Taught ecophysiology to third year undergraduate students, specifically demons Taught practical ecology skills to first year undergraduate students, which had t

Technical skills

---

STATISTICS	R, SAS, SPSS
WRITING	MICROSOFT OFFICE, L <sup>A</sup> T <sub>E</sub> X, MARKDOWN
OTHER	IMAGEJ, MORPHOJ, XXXX, XXXX

Languages

---

<b>English</b>	Native
<b>Spanish</b>	B2
<b>French</b>	A2