

Juliane (Juli) Gaviraghi Mussoi

Lecturer in Animal Behaviour

School of Science - Te Aka Mātuatua
University of Waikato - Te Whare Wānanga o Waikato
www.jgmussoi.com
juli.gaviraghimussoi@waikato.ac.nz

Education

Ph.D. in Biological Sciences (2019 - 2023)

University of Auckland - New Zealand

Thesis: The importance of sleep for avian vocal communication.

Supervisors: Dr Kristal Cain, Prof. Margaret Stanley

MSc in Biology - Animal Ecology (2016 - 2018)

Lund University – Sweden

Thesis: Mirror-mediated spatial location in urban and rural great tits (*Parus major*).

Supervisor: Prof. Anders Brodin

BSc in Biological Sciences (2011 - 2016)

Universidade de Caxias do Sul – Brazil

Thesis: Effects of human presence on Southern lapwing (*Vanellus chilensis*) behaviour.

Supervisor: Dr Renata de Boni Dal Corno

General Biology - Exchange (2012 – 2013)

Thompson Rivers University – Canada

One-year exchange program; awarded Brazilian government scholarship ‘Science Without Borders’

Professional Appointments

Lecturer in Animal Behaviour (2025 – present)

University of Waikato – New Zealand

Postdoctoral Fellow (2024 – 2025)

University of Auckland – New Zealand

Research Experience

My research focuses on how animal behaviours are shaped by ecological pressures and evolutionary processes, currently focusing on the importance of sleep on birds’ vocalisations and fitness. Additionally, I have research experience in animal cognition and vision, urban ecology, visual and vocal signalling, and hormonal responses. My research incorporates a wide variety of methodological approaches, including field and laboratory research, experimental manipulation, field observations, and behavioural and physiological measurements. I am eager to broaden my research interests and am open to exploring new areas of study that align with my skills and expertise.

Postdoctoral Fellow (2024 – 2025)

University of Auckland

Project title: Are sleepy birds sloppy singers? Using songbirds to examine the relationships between sleep and vocal learning.

Ph.D. project (2019 – 2023)

University of Auckland

Thesis title: The importance of sleep for avian vocal communication.

Supervisors: Dr Kristal Cain, Prof. Margaret Stanley

Research project (2019 – 2020)

University of Auckland

Title: Visual and auditory ornaments in New Zealand fantails (*Rhipidura fuliginosa*)

PIs: Dr Kristal Cain, Prof. Margaret Stanley

Research Assistant (2018)

Lund University

Project: Visual acuity of budgerigars (*Melopsittacus undulatus*) for moving targets.

PI: Prof. Almut Kelber

MSc Thesis (2017 – 2018)

Lund University

Thesis title: Mirror-mediated spatial location in urban and rural great tits (*Parus major*)

Supervisor: Prof. Anders Brodin

Research Assistant (2016 – 2017)

Lund University

Projects:

- Problem solving in urban and rural great tits (*Parus major*)
- Self-control with experienced great tits (*Parus major*)

PI: Prof. Anders Brodin

Bachelor's Thesis (2015 – 2016)

Universidade de Caxias do Sul

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

Supervisor: Dr Renata de Boni Dal Corno

Field Technician (2013)

Thompson Rivers University

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

PI: Ass. Prof. Matthew Reudink

Laboratory Internship (2011 – 2012)

Universidade de Caxias do Sul

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

PIs: Prof. Marli Camassola, Prof. Aldo José Pinheiro Dillon

Publications

Gaviraghi Mussoi, J., MacQueen, R.A., Stanley, M. C., & Cain, K. E. (2024). Experimentally elevated corticosterone increases song output and complexity in common mynas. *Journal of Experimental Zoology Part A: Ecological and Integrative Physiology*, 1–10.

(IF: 2.8, 76th percentile compared to outputs of the same age and source.)

Vincze, E., Kačergytė, I., **Gaviraghi Mussoi, J.**, Urhan, U., Brodin, A. (2024) Are comparable studies really comparable? Suggestions from a problem-solving experiment on urban and rural great tits. *Animal Cognition* 27(1): 47.

(IF: 1.9. Altmetrics: 70th percentile compared to outputs of the same age.)

deRegnier, R., **Gaviraghi Mussoi, J.**, Gaskett, A. (2023) Passage of spores of the dung moss *Tayloria callophylla* (Splachnaceae) through and avian digestive tract - a novel mode of dispersal? *Bryophyte Diversity and Evolution*, 46(1), 168-173.

Gaviraghi Mussoi, J., Stanley, M. C., & Cain, K. E. (2022). Importance of sleep for avian vocal communication. *Biology Letters*, 18(8)

(IF: 3.904. Altmetrics: In the top 5% of all research outputs, 97th percentile compared to outputs of the same age.)

Johnsson, R. D., Connelly, F.*, **Gaviraghi Mussoi, J.***, Vyssotski, A. L., Cain, K. E., Roth, T. C., & Lesku, J. A. (2022). Sleep loss impairs cognitive performance and alters song output in Australian magpies. *Scientific Reports*, 12(1)

(*joint second author. IF: 4.997. Altmetrics: In the top 5% of all research outputs, 96th percentile compared to outputs of the same age.)

Chaib, S., **Mussoi, J. G.**, Lind, O., & Kelber, A. (2021). Visual acuity of budgerigars for moving targets. *Biology Open*, 10(9).

(IF: 2.643. Altmetrics: In the top 25% of all research outputs, 90th percentile compared to outputs of the same age.)

Mussoi, J. G., Johnsson, R., Connelly, F., Lesku, J., & Cain, K. E. (2022). Effects of sleep deprivation on birdsong performance in adult Australian magpies. *Journal of Sleep Research*, *Journal of Sleep Research*, 29 (77-78).

(IF: 5.296. Published in the online supplement of the Journal of Sleep Research - Abstracts of the 25th Congress of the European Sleep Research Society)

Johnsson, R. D., Connelly, F., **Mussoi, J. G.**, Cain, K. E., Vyssotski, A. L., Roth, T. C., & Lesku, J. A. (2020). A causal role for sleep in maintaining high neurobehavioural performance in Australian magpies. *Journal of Sleep Research*, 29 (178-178).

(IF: 5.296. Published in the online supplement of the Journal of Sleep Research - Abstracts of the 25th Congress of the European Sleep Research Society)

Under review:

Gaviraghi Mussoi, J., MacQueen, R. A., Stanley, M. C., & Cain, K. E. The effects of sleep disturbance on a songbird's vocal performance. Under review in: *Proceedings B*.

Gaviraghi Mussoi, J., MacQueen, R. A., Stanley, M. C., & Cain, K. E. Effects of light and noise at night on sleep and vocal output of common mynas. Under review in: *Animal Behaviour*.

Patel, K.; **Gaviraghi Mussoi, J.**, Stanley, M. C., & Cain, K. E. The impacts of sleep disturbance on birds: a review of the knowledge gaps. Under review in: *Journal of Avian Biology*.

In preparation:

Gaviraghi Mussoi, J., MacQueen, Cain, K. E. Stress physiology effects on vocal performance in the common myna. In preparation for submission to: *Ibis*.

Hoffbeck, C., **Gaviraghi Mussoi, J.**, Cain, K. E., Taylor, M.W. Sleep deprivation and stress hormone manipulation alter bacterial community, decrease diversity in the gut of common mynas. In preparation for submission to: *Journal of Avian Biology*

Conference Presentations (from 2017)

Gaviraghi Mussoi, J. (2024) Effects of sleep disturbances on birdsong. *Research Fellow Society Symposium*, Auckland, New Zealand

Gaviraghi Mussoi, J., Stanley, M. C., Cain, K. E. (2024) The effects of sleep disturbance and stress on birdsong performance. *International Society for Behavioral Ecology Congress*. Melbourne, Australia.

Gaviraghi Mussoi, J., Stanley, M. C., Cain, K. E. (2023) The importance of sleep for avian vocal communication, *Australasian Society for the Study of Animal Behaviour Conference*, Sydney, Australia

Gaviraghi Mussoi, J., MacQueen, R. A., Stanley, M. C., Cain, K. E. (2022) Effects of sleep on vocal communication of common mynas, *Australasian Society for the Study of Animal Behaviour Conference*, Virtual Meeting

Gaviraghi Mussoi, J., MacQueen, R. A., Stanley, M. C., Cain, K. E. (2022) Importance of sleep on vocal communication of common mynas and Australian magpies. *International Society for Behavioral Ecology Congress*. Stockholm, Sweden

Gaviraghi Mussoi, J., MacQueen, R. A., Stanley, M. C., Cain, K. E. (2022) Effects of manipulated corticosterone on vocal performance of common mynas. *Australasian Ornithological Society Conference*. Virtual Meeting

Gaviraghi Mussoi, J., MacQueen, R. A., Stanley, M. C., Cain, K. E. (2021) Effects of stress on the singing performance of common mynas. *New Zealand Ecological Society Conference*. Virtual Meeting

Gaviraghi Mussoi, J., MacQueen, R. A., Stanley, M. C., Cain, K. E. (2021) Effects of stress on the singing performance of common mynas. *School of Biological Sciences Showcase UoA*. Virtual Meeting

Gaviraghi Mussoi, J., Johnsson, R. D., Connelly, F. C., Lesku, J. A., & Cain, K. E. (2020). Effects of sleep on avian vocal communication. *Australasian Society for the Study of Animal Behaviour Conference*. Virtual Meeting

Gaviraghi Mussoi, J., Johnsson, R. D., Connelly, F. C., Lesku, J. A., & Cain, K. E. (2020). Effects of sleep deprivation on birdsong performance in adult Australian magpies. *25th Congress of the European Sleep Research Society*. Virtual Meeting

Gaviraghi Mussoi, J., Johnsson, R. D., Connelly, F. C., Lesku, J. A., & Cain, K. E. (2020). Effects of sleep on avian vocal communication. *57th Annual Conference of the Animal Behavior Society*. Virtual Meeting

Gaviraghi Mussoi, J., Johnsson, R. D., Connelly, F. C., Lesku, J. A., & Cain, K. E. (2019) Are sleepy magpies worse singers? *Exposure Postgraduate Research Exposition*. Auckland, New Zealand.

Gaviraghi Mussoi, J., Johnsson, R. D., Connelly, F. C., Lesku, J. A., & Cain, K. E. (2019) Are sleepy magpies worse singers? *Faculty of Science Postgraduate Poster Competition*. Auckland, New Zealand.

Gaviraghi Mussoi, J., Exnerova, A., Brodin, A. (2019) Can great tits use mirrors? *Australasian Society for the Study of Animal Behaviour Conference*. Waiheke, New Zealand

Gaviraghi Mussoi, J., Kacergyte, I., Urhan, U. Brodin, A. (2017) Problem solving in urban and rural great tits. *35th International Ethological Conference*. Estoril, Portugal.

Gaviraghi Mussoi, J., Kacergyte, I., Urhan, U. Brodin, A. (2017) Problem solving in urban and rural great tits. *Biologists in Lund Annual Meeting*. Lund, Sweden.

Gaviraghi Mussoi, J., Kacergyte, I., Urhan, U. Brodin, A. (2017) Problem solving in urban and rural great tits. *Swedish OIKOS Meeting*. Lund, Sweden.

Scholarships and Awards

- **Marsden Fund Standard Grant, Royal Society of New Zealand** (2023) – 942,000 NZD
I contributed to the conceptual development and writing of the successful grant proposal awarded to Dr Kristal Cain.
- **Travel Award, International Society for Behavioral Ecology** (2022) – 1,400 USD
- **Student Grant, Australasian Ornithological Conference 2022** (2022) - 120 NZD
- **Runner-up Best Student Poster, New Zealand Ecological Society Conference** (2021)
- **Best poster, SBS Showcase** (2021)
- **Publication Stipend, Centre for Biodiversity and Biosecurity** (2021) – 1,100 NZD
- **Student Research Grant, Australasian Society for the Study of Animal Behaviour** (2020) – 2,500 AUD
- **3rd place – Postgraduate Research Showcase - Faculty of Science, University of Auckland** (2019) - 800 NZD
- **University of Auckland Doctoral Scholarship** (2019 - 2022) - ~100,000 NZD

- **Science without Borders Scholarship** (2012 - 2013) - ~20,000 CAD
- **Research Funding - Conselho Nacional de Desenvolvimento Científico e Tecnológico** (2011 - 2012) - ~4,300 BRL
- **Research Funding – Universidade de Caxias do Sul** (2011) - ~4,320 BRL

Teaching Experience

Tertiary Teaching:

Lecturer (2025 – present)

Courses: *Behavioural Ecology & Conservation (BIOEB 200)*, *Advanced Animal Behaviour (BIOEB 301)*, *Applications of Animal Behaviour (BIOEB 500)* - Postgraduate Course

Responsibilities: Course convenor and primary instructor.

Teaching Staff (2025)

Course: *Advanced Behavioural Ecology (BIOSCI 735)* - Postgraduate Course

Responsibilities: Assisting students with animal behaviour seminars, marking and providing feedback on presentations.

Guest Lecturer (2025)

Course: *Terrestrial Ecology and Conservation (BIOSCI 394)*

The University of Auckland, New Zealand

Topic: Climate change and conservation

Guest Lecturer (2022-2024)

Course: *Animal Behaviour (BIOSCI 337)*

The University of Auckland, New Zealand

Topics: Avian vocalisation, avian sleep and cognition.

Teaching Consultant (2023)

Courses: *Biology of Terrestrial Animals (BIOSCI 338)*, *Animal Form and Function (BIOSCI 207)*

The University of Auckland, New Zealand

Responsibilities: Designing practical assessments that address the learning outcomes and graduate profile, developing course guides, developing R code for bioacoustics labs, data analysis and data visualisation, and leading tutorials.

Graduate Teaching Assistant (2023)

Course: *Animal Behaviour (BIOSCI 337)*

The University of Auckland, New Zealand

Responsibilities: Academic in charge of laboratory demonstrations about proximate and ultimate causes of behaviour, project design, execution, writing and results presentation. Fieldwork supervision and logistics, marking assignments, assisting and giving feedback to students, test invigilation, and contributing to improving learning outcomes for future years.

Teaching Assistant (2023)

Course: *Quantitative Biology (BIOSCI 220)*

The University of Auckland, New Zealand

Responsibilities: Laboratory demonstrations about project design, using R for statistical analysis and data visualisations, and interpreting and communicating statistical results. Assisting students, providing feedback to students, and marking assignments.

Teaching Assistant (2021 – 2023)

Course: *Biology of Terrestrial Animals (BIOSCI 338)*

The University of Auckland, New Zealand

Responsibilities: Laboratory demonstrations about insect collection, bioacoustics, writing and statistical support. Field work supervision and logistics, marking assignments, assisting students, providing feedback to students, test invigilation, and contributing to improving learning outcomes for future years.

Teaching Assistant (2023)

Course: *Ecology and Evolution: The Continuum of Life (BIOSCI 109)*

The University of Auckland, New Zealand

Responsibilities: Laboratory demonstrations about project development, writing and statistical skills, ecological and evolutionary mechanisms, and environmental science. Field work supervision, assisting and giving feedback to students.

Teaching Assistant (2019 – 2022)

Course: *Animal Behaviour (BIOSCI 337)*

The University of Auckland, New Zealand

Responsibilities: Laboratory demonstrations about proximate and ultimate causes of behaviour, project design, execution, writing and results presentation. Field work supervision and logistics, marking assignments, assisting and giving feedback to students, test invigilation, and contributing to improving learning outcomes for future years.

Graduate Teaching Assistant (2021)

Course: *Animal Form and Function (BIOSCI 207)*

The University of Auckland, New Zealand

Responsibilities: Lead teacher for a laboratory. Adapting practical assessment to be delivered online, leading all streams of the bioacoustics practical laboratory, providing help, advice and feedback to students, and contributing to improving learning outcomes for future years.

Teaching Assistant (2019, 2021)

Course: *Animal Form and Function (BIOSCI 207)*

The University of Auckland, New Zealand

Responsibilities: Laboratory demonstrations, fieldwork supervision and logistics, marking assignments, assisting and giving feedback to students, test invigilation, and contributing to improving learning outcomes for future years.

Demonstrator (2018)

Lund University, Sweden

Course: *Animal Behaviour (BIOF08)*

Responsibilities: Introducing students to animal cognition and behavioural research in captive birds.

*Other Teaching Experience:***Invited Workshop (2021)**

Australasian Society of the Study of Animal Behaviour, Online

Subject: *Online Workshop - Tools to make engaging research posters*

Responsibilities: I developed and led this workshop about using different software and tools to make posters more engaging and accessible.

ESL Teacher (2018 – 2019)

Talkers Idiomas, Brazil

Responsibilities: Teaching English as a Second Language (ESL) to students of all levels of expertise, with students ranging in age from 3 to 60 years old. Developing and marking tests, creating pedagogic content, and performing other administrative work.

ESL Teacher (2015 – 2016)

SKILL Idiomas, Brazil

Responsibilities: Teaching English as a Second Language (ESL) to students of all levels of expertise, with students ranging in age from 3 to 60 years old. Developing and marking tests, creating pedagogic content, and performing other administrative work.

ESL Teacher (2013 – 2014)

Instituto de Idiomas Yázigi, Brazil

Responsibilities: Teaching English as a Second Language (ESL) to students of all levels of expertise, with students ranging in age from 3 to 60 years old. Developing and marking tests, creating pedagogic content, and performing other administrative work.

IT Teacher (2013)

Community Volunteering, Brazil

Subject: *Computing for Older Adults*

Responsibilities: As a community contribution, I volunteered to teach 50+ years old students basic computer knowledge.

Volunteer Community Educator (2007 – 2012)

Community Volunteering, Brazil

Responsibilities: Provided reading assistance, mentoring and instruction to younger members of the community (9 to 13 years old), creating pedagogical content, designing classes and activities.

Mentoring and Supervision

PhD and master's student co-supervision

Supervised to completion 3 MSc students (co-supervisor) and 2 summer students. Currently supervising 2 PhD student and 1 MSc students. Mentoring and supervising all aspects of thesis research including project design, data collection, statistical analysis, writing and presentation.

Current Postgraduate Supervisions:

Degree	Student	Thesis Title	Supervision	Start
PhD	Amelia Worley	<i>Neural and hormonal effects of sleep disturbances in birds</i>	Co-supervisor	2025
MSc	Charlotte Sutton	<i>The effects of sleep disturbances on avian cognition</i>	Main-Supervisor	2025
PhD	Kamya Patel	<i>The impacts of sleep disturbances on learning and reproduction</i>	Co-Supervisor	2023

Supervised to Completion

Degree	Student	Thesis Title	Supervision	Completion and Grade
MSc	Chase Leathard	<i>Seasonal variation of oestradiol and testosterone in captive gentoo and king penguins</i>	Co-supervisor	2024 Grade: A-
MSc	Simone Li	<i>The effects of sleep disturbances on common mynas' behaviour</i>	Co-Supervisor (informal)	2024 Grade: A
MSc	Rebecca MacQueen	<i>Personality and sex: stress physiology effects on vocal performance in the common myna</i>	Co-supervisor (informal)	2022 Grade: A

Research Volunteer Supervisor (2020 – 2025)

Supervising, training and managing 8 research volunteers and summer research scholars, ensuring that they are contributing effectively to the research project.

Doctoral Induction Panellist (2022)

Invited to be part of 3 panel discussions that were part of University of Auckland Doctoral Inductions.

Service and Technical Roles

Symposium Organiser (2025 - present)

Australasian Ornithological Conference

Conference Scientific Committee (2025 - present)

Australasian Ornithological Conference

School of Biological Sciences Representative (2025 – present)
Faculty of Science Research Fellow Society Committee – University of Auckland

Conference Liaison Officer (2022 – present)
Australasian Society for the Study of Animal Behaviour

Seed Funding Reviewer (2025)
Faculty of Science Research Fellow Seed Funding – University of Auckland

Honours Thesis Examination (2024)
University of the Sunshine Coast

Manuscript reviewing
Behavioural Ecology (2022,2024)
Integrative and Comparative Biology (2024)
Evolutionary Ecology (2020)
Behavioural Processes (2019)

Biosecurity Species Risk Assistant (08/2023 – 03/2024)
Auckland Council

Equity Banner Designer (2023)
SBS Equity Committee – University of Auckland

Workshop Coordinator (2021 – 2022)
Australasian Society for the Study of Animal Behaviour

Conference committee ASSAB (2020, 2022)
Australasian Society for the Study of Animal Behaviour

Outreach officer and board member (2019 – 2022)
Australasian Society of the Study of Animal Behaviour

Blood collection coordinator (2019 – 2022)
School of Biological Sciences – The University of Auckland

Board member and head of project and internal engagement (2018)
Projekt6 (NGO) – Lund University

Outreach officer and board member (2017)
Projekt6 (NGO) – Lund University

Organization Volunteer for Swedish OIKOS Meeting (2017)
Lund University – Lund University

Vice-Secretary of Biology Student Union (2015)
Universidade de Caxias do Sul

Science Communication

Media Coverage of Research:

Title	Date	Media Outlet	Format	Link
Impacts of disrupted sleep	Nov 2024	95bFM, Ready Steady Learn	Radio	Link
Tweet Dreams	Oct 2024	Fieldnotes Podcast	Podcast	Link
The Wildest Dreams	Nov 2022	New Zealand Geographic	Magazine	Link
Human activity is affecting how birds sing	Oct 2022	Newshub	TV	Link
Insomniac Birds	Aug 2022	Radio New Zealand (RNZ), Lately	Radio	Link
Light, noise pollution, could be keeping birds awake	Aug 2022	RNZ, Morning Report	Radio	Link
Lack of sleep can change how birds sing	Aug 2022	UoA News and Opinion	Article	Link

Outreach:

Rotary National Science and Technology Forum (2024, 2025)

The University of Auckland

The Forum is a 14-day program for high-achieving Year 12 students about tertiary education in S.T.E.M. I was one of the demonstrators for the SBS sessions, where I taught students how to dissect mussels, use radio trackers, identify plants and bones from native birds.

Faculty of Science (UoA) Exhibitor at STEM Expo (2023)

Otahuhu College

This STEM Expo was designed to inspire Year 11 to Year 13 students on the endless possibilities of S.T.E.M. career paths. I was one of the demonstrators for the SBS booth, where I talked to students about the career opportunities with a biology degree.

Invited Talk (2023)

Glen Eden Intermediate

Title: Sing Sleep Repeat

Invited Talk (2022)

Pest Free Kaipātiki

Title: The effect of sleep deprivation on how birds sing.

Invited Talk (2022)

Forest & Bird – North Shore

Title: Effects of sleep disturbances on birdsong.

Invited Radio Guest (2022)

Radio Lollipop – New Zealand

Radio Lollipop is an international charity dedicated to providing care, comfort, play and entertainment for sick children in hospitals. I was invited to chat to give a radio interview and chat to children about animals and their behaviour.

Invited Talk (2019)

Skype a Scientist Program

Skype a Scientist is a program that matches schools and scientists together to promote science communication around the world. I chatted through video conferences with middle school students about a career in science and different biological subjects.

Invited Talk (2018)

Projekt 6 - Sweden

Projekt 6 is an organization working to promote sexual health on a physical, emotional and social level to university students. I gave a talk about sexual behaviour in animals.

Relevant Professional Development

Te Akoranga Kairangi - Introduction to Māori language, culture and the treaty (2025)

The University of Auckland

Learning with AI - Workshop Series (2025)

The University of Auckland

Introduction to Python (2025)

The University of Auckland

Responding to & Engaging with Māori in Research (2025)

The University of Auckland

LGBTQIA, Takatāpui & MVPFAFF+ friendly teaching & learning (2025)

The University of Auckland

Beyond the Thesis: Supervising Doctoral Researchers for Impact (2024)

The University of Auckland

Introduction to Research Supervision (2024)

The University of Auckland

Orientation to Doctoral Education Policy and Procedures (2024)

The University of Auckland

Neurodiversity in Schools (2024)

The Education Hub

ECR Teaching Workshop (2024)

FoS Research Fellow Society Committee (University of Auckland)

Outdoor First Aid (2019, 2022, 2024)

First Training Auckland

Media Training Workshop - Amplify Your Research Impact (2023)

Ngā Ara Whetū: Centre for Climate, Biodiversity and Society (The University of Auckland)

Advocacy for change (2023)

Ngā Ara Whetū: Centre for Climate, Biodiversity and Society (The University of Auckland)

Engaging with the public and media workshop (2022)

The University of Auckland

Te Reo Māori Level 1 (2022)

Onehunga Highschool

Making Sense of the Treaty of Waitangi in a Research Context (2022)

The University of Auckland

Mental Health First Aid (2022)

St. John Auckland

Strategic communication for environmental causes (2021)

Universidade de Caxias do Sul

Te Tiriti o Waitangi Introductory Workshop (2021)

The University of Auckland

Animal Ethics – New Animal User Legislation Training (2019)

The University of Auckland