

SARIN TIATRAGUL

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Education

The Australian National University

Ph.D Biology

Canberra, ACT, Australia

Jun. 2019 – Exp. Grad. 2022

Auburn University

M.Sci. Biological Sciences

Auburn, AL, USA

Jan. 2017 – Dec. 2018

Gonzaga University

B.Sci. Biology with Research Concentration

Spokane, WA, USA

Aug. 2012 – May 2016

Publications

DA Warner, JM Hall, A Fargevieille, AC Hulbert, **S Tiatragul**, JE Pruett, TS Mitchell. 2021. Dependence on a human structure influences the extinction of a non-native lizard population after a major environmental change. *Biological Invasions*. 23:825–842

S Tiatragul, JM Hall, DA Warner. 2020. Nestled in the city heat: urban nesting behavior enhances embryo development of an invasive lizard. *J Urban Ecology*. 6: juaa001

S Tiatragul, JM Hall, NG Pavlik, DA Warner. 2019. Lizard nest environments differ between suburban and forest habitats. *Biol J Linnean Society*. 126: 392-403

S Tiatragul, A Kurniawan, JJ Kolbe, DA Warner. 2017. Embryos of non-native anoles are robust to urban thermal environments. *J Thermal Biology*. 65:119-124

Work Experiences

Open-source Ecology Textbook Developer

ANU Research School of Biology

Jan 2021 – Present

Canberra, Australia

- Collaborated in a team of 5 to enhance a traditional Ecology textbook into a dynamic online textbook (using *jupyter book*) that can be freely accessible worldwide.
- Provided annotated R code blocks to re-create ecological models for students to reproduce using *ggplot2* package.

Curatorial Technician

Australian National Wildlife Collection

Jan 2021 – Present

Grace, ACT, Australia

- Sorted and assessed specimens in the spirit collection.
- Updated taxonomy labels for specimen containers and in the database.
- Prepared egg specimens for relocation with cotton support.

Biology Course Demonstrator

ANU Research School of Biology

Sept 2019 – Present

Canberra, Australia

- BIOL3213/6213 Australian Wildlife Prepared lab practicals and manual to exhibit preserved specimens of vertebrates from the ANU teaching collection.
- BIOL1009 Diversity of Life Assessed student assignments/presentations and provided constructive feedback for BIOL3201 students.

Extracurricular activities

Postgraduate Student Representative

ANU Research School of Biology

Sept 2019 – Present

Canberra, Australia

- Successfully organised annual HDR Research Conferences including registration, scheduling, and catering for 200 people.
- Implemented cloud solutions to organisational file-sharing the organising committee can work together on Microsoft Teams. Ensured files and data are archived for easy access by future organisers.

President - ANU Buddhist Association*The Australian National University*

Nov 2019 – Present

Canberra, Australia

- Hosted 6 meditation teachers throughout 2020 and broadcast events on virtual platforms to engage members in COVID-safe way.

Radio host – CMS Radio Thai language program*Canberra Multicultural Service radio station*

Nov 2019 – Present

Canberra, Australia

- Coordinated recording and delivery of more than 20 episodes adapted for radio show. Interviewed guest speakers 7 countries around the world.

Morning Talk! Coordinator*Auburn University Dept. Biological Sciences Graduate Student Association*

Jan 2018 – Dec 2018

Auburn, AL, USA

- Implemented participation points scheme where students are rewarded for attending and presenting research talks, increased student participation by 100% percent from previous year.

Presentations (selected)**World Congress of Herpetology 9 "Herps in the City" Symposium***Nestled in the city: nesting behaviour enhances embryo survival in urban areas*

Jan 2020

*Dunedin, New Zealand***Faculty of Zoology seminar, Kasetsart University [Guest lecture]***Old nesting habits in the forest help invasive lizards thrive in cities*

Dec 2019

Bangkok, Thailand

Skills**Human languages:** Thai, English, Spanish (reading)**Computer languages:** R, Markdown, Python**Developer tools:** Jupyter Notebooks, Git, VS Code**Blog:** sarintiatragul.com/post