

# SARIN (PUTTER) TIATRAGUL

✉ sarin.tiatragul@anu.edu.au ⓡ [github.com/stiatragul](https://github.com/stiatragul) 🏠 [stiatragul.weebly.com](http://stiatragul.weebly.com) 💬 [sarintiatragul](#)

## 🎓 EDUCATION

- 2019-current **The Australian National University** PhD - Ecology & Evolution Canberra, ACT, Australia
- 2017-2018 **Auburn University** M.S. in Biological Science Auburn, AL, USA
- 2012-2016 **Gonzaga University** B.S in Biology Spokane, WA, USA

## 📄 PEER-REVIEWED PUBLICATIONS

- **Tiatragul S**, Hall JM, Pavlik NG, & Warner DA. **2019**. Lizard nest environments differ between suburban and forest habitats. *Biological Journal of the Linnean Society*. 126: 392-403
- **Tiatragul S**, Kurniawan A, Kolbe JJ, & Warner DA. **2017**. Embryos of non-native anoles are robust to urban thermal environments. *Journal of Thermal Biology*. 65:119-124

## 📄 EDITOR-REVIEWED DIGESTS / NOTES / ARTICLES

- **Tiatragul S. 2017.** The Flattened Musk Turtle. Encyclopedia of Alabama. [encyclopediaofalabama.org/article/h-3969](http://encyclopediaofalabama.org/article/h-3969)
- **Tiatragul S. 2017.** Woodpeckers of Alabama. Encyclopedia of Alabama. [encyclopediaofalabama.org/article/h-3988](http://encyclopediaofalabama.org/article/h-3988)
- **Tiatragul S**, and Pruett, JE. **2017**. Digest: Stabilizing selection on an animal weapon in a wild population. *Evolution*. 71:2750-2751
- **Tiatragul S**, Murali, G. & Stroud JT. **2017**. Digest: Different evolutionary dynamics led to the convergence of clinging performance in lizard toepads. *Evolution*. 71:2537-2538

## 🔬 RESEARCH EXPERIENCES

- 2017-2018 **Graduate Research Assistant** Auburn University Auburn, AL, USA
  - Searched urban green spaces in Miami and found 50+ anole nest sites.
  - Recorded and analysed 10,000+ observations of temperature and moisture for over 100 plots searched.
  - Wrote lab protocol for constructing and implementing incubation temperature programs with Memmert IPP550 incubators.
- 2015 **Undergraduate Research Assistant** University of Alabama-Birmingham Birmingham, AL, USA
  - Tested the effect of incubation conditions on survival and hatching phenotypes of anole populations from urban and forested sites. Cared for 50 lizard captive breeding colony.
  - Analysed data and prepared manuscript (Tiatragul et al. 2017).
- **Undergraduate Research Assistant** Gonzaga University Spokane, WA, USA
  - Collected male fiddler crabs (*Uca* spp.) from Samut Songkram in Thailand.
  - Measured claw morphology using imageJ resulting in 100+ observations.
  - Analysed patterns of evolution in claw morphology across different clades in the *Uca* genus.

## PRESENTATIONS

- 2019 • **How city lizards beat the Miami heat**  
EEB Behavior group, University of Minnesota Twin Cities [Invited Talk]  St. Paul, MN, USA
- 2019 • **A shady way to beat the city heat: maternal nesting behavior in lizards enhances survival in urban environments**  
Biology Seminar, Gonzaga University [Invited Talk]  Spokane, WA, USA
- 2018 • **Where urban dwelling lizards choose to nest may help their babies beat the city heat**  
This is Research Student Symposium, Auburn University [Talk]  Auburn, AL, USA
- 2018 • **A shady way to beat the Miami Heat**  
Anolis Symposium 2018 [Talk]  Miami, FL, USA
- 2018 • **Invasive city anoles select cool nest sites to nest**  
Annual Southeast Partners in Amphibian and Reptile Conservation Meeting [Speed Talk]  Helen, GA, USA
- 2018 • **Nest-site selection in urban dwelling anoles could help embryos beat the heat**  
Society of Integrative and Comparative Biology [Talk]  San Francisco, CA, USA
- 2017 • **Embryos of anoles are robust to urban thermal environments**  
Society of Integrative and Comparative Biology [Poster]  New Orleans, LA, USA
- 2016 • **Anolis metrópolis: do urban thermal environments affect the hatchling phenotype and embryonic development of invasive anole lizards?**  
World Congress of Herpetology 8 [Poster]  Hangzhou, China

## SCHOLARSHIPS AND FUNDING AWARDED

- 2019-2022 • **Australian Government Research Training Program**  
Full tuition and stipend while studying at the Australian National University
- 2018 • **Society of Integrative and Comparative Biology Grant-in-Aid of Research Award**  
USD 1,000
- 2015 • **Gonzaga Off-Campus Research Experience Program to Warner Lab at UAB**  
USD 4,400
- 2014 • **St. Francis Assistantship for Summer Research (Gonzaga University)**  
USD 4,400
- 2012-2016 • **Gonzaga University Ignatian Leadership Scholarship**  
USD 20,000
- 2012-2016 • **Gonzaga University College of Arts & Science Dean's Scholarship**  
USD 46,000

## HONOURS AND AWARDS

- 2019 • **Auburn University's Outstanding Master's Award 2018-2019 | Auburn University**  
Top 20 of Auburn University's most outstanding graduate students
- 2018 • **College of Sciences and Mathematics Best Oral Presentation | Auburn University**  
Awarded to the best oral presentation at the *This is Research* Student Symposium 2018
- 2016 • **The Carl J. Lindberg Loyalty Award | Gonzaga University**  
For conspicuous loyalty and service to the University.
- 2016 • **Robert D. Prusch Award | Gonzaga University**  
Given to a senior Biology major in recognition of a history of distinguished service to the Biology Department.

## TEACHING EXPERIENCES

- 2019 • **Diversity of Life Lab**  
Demonstrator in introductory lab courses at The Australian National University. Support instructor in guiding students through lab activities and mark assessments.  Canberra, ACT, Australia
- 2018 • **Human Anatomy and Physiology Lab**  
Graduate teaching assistant for three lab sections (~65 students total) of BIOL2500 course at Auburn University (Fall semester). Guided students through animal dissections, prepared weekly quizzes, set up lab practicals, and marked students assessments.  Auburn, AL, USA
- 2017 • **Comparative Anatomy Lab**  
Graduate teaching assistant for three lab sections (~75 students total) of BIOL3010 course at Auburn University (Spring semester). Guided students through dissections of vertebrates and invertebrates. Set up lab practicals and marked students assessments.  Auburn, AL, USA
- 2014 • **Physiology and Diversity Lab**  
Undergraduate teaching assistant for one lab section (15 students) of BIOL205 course at Gonzaga University (Fall semester). Assisted main instructor by marking assessments and demonstrating lab techniques.  Spokane, WA, USA

## SERVICES AND OUTREACH

- 2018 • **Morning Talk! Coordinator**  
Biological Sciences Graduate Student Association at Auburn University  Auburn, AL, USA  
• Planned weekly student-led seminar for 110+ graduate students in the Biological Sciences Department.  
• Administrated a participation points system that resulted in consistent 12+ participants weekly.  Incentivised student to share research resulting in 20+ student practice presentations over the course of 8 months
- 2018 • **AU Museum of Natural History Open House**  
Volunteered to guide tours around the AU Museum of Natural History.  Auburn, AL, USA
- 2018 • **SOUTH BEST Robotics Competition**  
Volunteered to judge the SOUTH BEST High School Robotics competition hosted by Auburn University.  Auburn, AL, USA  
• Assessed business presentations by each team  Scored team spirit scores during robotics competition
- 2015-2016 • **Dhammadā: Weekly student-led meditation program**  
Started an on-going weekly meditation program in collaboration with Gonzaga University Ministry.  Spokane, WA, USA  
• Taught and led 10 participants weekly 1-hour Buddhist mindfulness meditation sessions.