



SARIN 'PUTTER' TIATRAGUL

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Education

The Australian National University

Ph.D Thesis: Macroevolution of Australian blindsnakes

Canberra, ACT, Australia

Jun. 2019 – Exp. Grad. 2023

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

Peer-reviewed publications

S Tiatragul, A Skeels, JS Keogh. 2023. Paleoenvironmental models for Australia and the impact of aridification on blindsnake diversification. *Journal of Biogeography*. Early online access
<https://doi.org/10.1111/jbi.14700>

S Tiatragul, IG Brennan, E Broady JS Keogh. 2023. Near-complete species tree of Australian blindsnakes reveals rapid evolutionary radiation. *Molecular Phylogenetics and Evolution* 185:107812

S Chowdury, MP Zalucki, JO Hanson, **S Tiatragul**, D Green, JEM Watson, RA Fuller. 2023. Three-quarters of insect species are insufficiently represented by protected areas. *One Earth* 6:139-146

JE Pruett, JM Hall, **S Tiatragul**, DA Warner. 2021. Nesting in Anolis lizards: An understudied topic in a well-studied clade. *Front Ecol Evol.* 10:821115

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

Editor-reviewed publications

S Tiatragul. 2018. The Northern Flicker. Encyclopedia of Alabama.
encyclopediaofalabama.org/article/h-3987

S Tiatragul, G Murali, JT Stroud. 2017. Digest: Different evolutionary dynamics led to the convergence of clinging performance in lizard toepads. *Evolution.* 71:2537-2538

S Tiatragul. 2018. Woodpeckers of Alabama. Encyclopedia of Alabama.
encyclopediaofalabama.org/article/h-3988

S Tiatragul, JE Pruett. Digest: Stabilizing Selection on an Animal Weapon in a Wild Population*. *Evolution* 71: 2750–51

S Tiatragul, G Murali, JT Stroud. 2017. Digest: Different evolutionary dynamics led to the convergence of clinging performance in lizard toepads†. *Evolution.* 71:2537-2538

S Tiatragul. 2017. The Flattened Musk Turtle. Encyclopedia of Alabama. 2017.
encyclopediaofalabama.org/article/h-3969

Presentations (selected)

Evolution 2023	Jun 2023
<i>Spaghetti and sausages: a rapid radiation of Australian blindsnakes</i>	Albuquerque, NM, USA
Australasian Evolution Society Conference	Dec 2022
<i>Blindsnakes: Australian hidden rapid Miocene radiation</i>	Canberra, Australia
Australian Society of Herpetologists Conference	Jul 2022
<i>Blindsnake phylogenomics, rapid radiation and morphological evolution</i>	Mylor, Australia
Australasian Evolution Society Conference	Dec 2021
<i>Making heads and tails of the evolution of blindsnakes in Australia</i>	Melbourne, Australia
World Congress of Herpetology 9 "Herps in the City" Symposium	Jan 2020
<i>Nestled in the city: nesting behaviour enhances embryo survival in urban areas</i>	Dunedin, New Zealand
Faculty of Zoology seminar, Kasetsart University	Dec 2019
<i>Old nesting habits in the forest help invasive lizards thrive in cities</i>	Bangkok, Thailand
Society of Integrative and Comparative Biology	Jan 2018
<i>Nest-site selection in urban dwelling anoles could help embryos beat the heat</i>	San Francisco, CA, USA

Work experiences

PhD-Industry Intern	April 2023 – Present
<i>Diversity Arrays Technology</i>	Canberra, Australia
Curatorial Technician	Jan 2021 – Jun 2022
<i>CSIRO Australian National Wildlife Collection</i>	Crace, Australia
Mulligans Flat & Goorooyarroo Herpetofauna Surveyor	Apr 2020, 2021, 2022
<i>ANU Fenner School of Environment & Society</i>	Canberra, Australia
Web Developer	Dec 2021 – Mar 2022
<i>Moths and Butterflies Australasia</i>	Canberra, Australia
Sustainability Campus Coordinator	Aug 2015 – May 2016
<i>Office of Sustainability, Gonzaga University</i>	Spokane, WA, USA
Assistant Residence Director	May 2015 – May 2016
<i>Housing & Residence Life, Gonzaga University</i>	Spokane, WA, USA

Teaching experiences

Casual Sessional Academic staff (various roles)	Sep 2019 – Present
<i>ANU Research School of Biology</i>	Canberra, Australia
<ul style="list-style-type: none">• BIOL3213/6213 Australian Wildlife Lab – 2019; 2020; 2021; 2022• BIOL1009 Human Biology Lab – 2022• BIOL1009 Diversity of Life Lab – 2019; 2020; 2021• BIOL8291 Research Presentation Skills Lab – 2020; 2021; 2022• BIOL2131/BIOL6004 Quantitative Ecology Lab – 2021; 2022	
Guest lecturer - "Phylogenetics in Evolution and Ecology" course	Sep 2021
<i>Institute of Biochemistry and Biology, University of Potsdam</i>	
<ul style="list-style-type: none">• Phylogenetic comparative methods	
Graduate Teaching Assistant	Sep 2017 – Dec 2018
<i>Auburn University Dept. Biological Sciences</i>	Auburn, AL, USA
<ul style="list-style-type: none">• BIOL2500 Human Anatomy and Physiology Lab – Fall 2018• BIOL2017 Comparative Anatomy Lab – Fall 2017	

Extracurricular activities & services

Guest lecturer - ANU Extension	Jun 2022
<i>ANU Extension Program</i>	Canberra, Australia
RSB E&E "TE&E Time" Coordinator	Jul 2021 – Present
<i>ANU Research School of Biology</i>	Canberra, Australia
RSB HDR conference organiser	Nov 2019, Nov 2020, Nov 2021
<i>ANU Research School of Biology</i>	Canberra, Australia
RSB and CoS Postgraduate Student Representative	Sep 2019 – Sep 2022
<i>ANU Research School of Biology</i>	Canberra, Australia
Radio show host – Thai language program	Nov 2019 – Present
<i>Canberra Multicultural Service radio station</i>	Canberra, Australia
President - ANU Buddhist Association	Nov 2019 – Nov 2021
<i>The Australian National University</i>	Canberra, Australia
"Herps in the City" Symposium co-organiser	Jan 2018 – Dec 2018
<i>World Congress of Herpetology</i>	Dunedin, New Zealand
Morning Talk! Coordinator	Jan 2018 – Dec 2018
<i>Auburn University Dept. Biological Sciences</i>	Auburn, AL, USA
Student Ambassador	Feb 2015 – May 2016
<i>Gonzaga University</i>	Spokane, WA, USA

Awards

Service to the Division Award	Dec 2022
<i>ANU Research School of Biology - Division of Ecology and Evolution</i>	Canberra, Australia
AES Awesome Talks Award	Dec 2022
<i>Australasian Evolution Society Conference</i>	Canberra, Australia
Hiroto Naora Graduate Student Travel Scholarship	Nov 2022
<i>The Australian National University</i>	Canberra, Australia
College of Science Awards for Service: Team service contribution	Dec 2021
<i>The Australian National University</i>	Canberra, Australia
AES Best 10-minute talk (student)	Dec 2021
<i>Australasian Evolution Society Conference</i>	Melbourne, Australia
Outstanding Master's Student Award	Mar 2019
<i>Auburn University</i>	Auburn, AL, USA
College of Sciences and Mathematics Best Oral Presentation	Jun 2018
<i>Auburn University</i>	Auburn, AL, USA
The Carl J. Lindberg Loyalty Award	May 2016
<i>Gonzaga University</i>	Spokane, WA, USA
Robert D. Prusch Award for Distinguished Service to the Department	May 2016
<i>Gonzaga University</i>	Spokane, WA, USA

Grants & funding awarded

PhD-Industry Internship Top-up Scholarship	2023
<i>AUD 5000</i>	
Australian Government Research Training Program (AG RTP) Scholarship	2019-2023
<i>Stipend and tuition fee during PhD program</i>	
SICB Grant-in-Aid of Research Award	Jun 2018
<i>USD 1000</i>	
Travel Award - SEPARC Meeting	Feb 2018
<i>USD 75</i>	
Gonzaga University Off-Campus Research Experience Program	2015
<i>USD 4400</i>	
St. Francis Research Assistantship for Summer Research at Gonzaga University	2014
<i>USD 4400</i>	
Gonzaga University Ignatian Leadership Scholarship	2012- 2016
<i>USD 20000</i>	
Gonzaga University College of Arts & Science Dean's Scholarship	2012- 2016
<i>USD 46000</i>	

Skills

Human languages: Thai, English, Spanish (reading)

Computer languages: Unix, R, Markdown, Hugo, Python

CT scans: SlicerMorph, VG Studio Max