



# 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

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## Peer-reviewed publications

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

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## Editor-reviewed publications

**S Tiatragul**. 2018. The Northern Flicker. Encyclopedia of Alabama. [encyclopediaofalabama.org/article/h-3987](https://encyclopediaofalabama.org/article/h-3987)

**S Tiatragul**. 2018. Woodpeckers of Alabama. Encyclopedia of Alabama. [encyclopediaofalabama.org/article/h-3988](https://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](https://encyclopediaofalabama.org/article/h-3969)

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## Presentations (selected)

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

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## Work experiences

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

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## Teaching experiences

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

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## Extracurricular activities & services

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

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## Awards

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

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## Grants & funding awarded

<b>Australian Government Research Training Program (AG RTP) Scholarship</b>	2019-2022
<i>Stipend and tuition fee during PhD program</i>	
<b>SICB Grant-in-Aid of Research Award</b>	Jun 2018
<i>USD 1,000</i>	
<b>Travel Award - SEPARC Meeting</b>	Feb 2018
<i>USD 75</i>	
<b>Gonzaga University Off-Campus Research Experience Program</b>	2015
<i>USD 4400</i>	
<b>St. Francis Research Assistantship for Summer Research at Gonzaga University</b>	2014
<i>USD 4400</i>	
<b>Gonzaga University Ignatian Leadership Scholarship</b>	2012- 2016
<i>USD 20000</i>	
<b>Gonzaga University College of Arts &amp; Science Dean's Scholarship</b>	2012- 2016
<i>USD 46000</i>	

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## Skills

**Human languages:** Thai, English, Spanish (reading)

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

**CT scans:** SlicerMorph, VG Studio Max