

JAMES T. STROUD

Dept. of Biology | Washington University | St. Louis, USA
jamesTstroud@gmail.com | +1 (786) 365-9273
www.jamesTstroud.com | @jamesTstroud

CURRENT APPOINTMENT

2018 - Present **Postdoctoral Research Associate.** Washington University in St. Louis, USA.
Advisor: Dr. Jonathan B. Losos

EDUCATION

2018 **Ph.D.** Ecology and Evolution. Florida International University, USA.
Advisor: Dr. Kenneth J. Feeley.

2011 **M.Sc. by Research.** Ecology. University of Hull, UK.

2008 **B.Sc. (Hons).** Zoology with Conservation. University of Wales, Bangor, UK.

AWARDS

2018 **Excellence in Civic Engagement and Community Outreach Medallion of Distinction**
Office of Student Affairs, Florida International University

2018 **Outstanding Academic Achievement**
College of Arts, Sciences & Education (CASE), Florida International University

2017 **Outstanding Graduate Scholar**
Outstanding Student Life Awards, Division of Academic & Student Affairs, Florida International University – 1 award annually for ca. 8,000 graduate students

2017 **Outstanding Graduate Student Manuscript in STEM**
Provost Award, University Graduate School, Florida International University

PEER-REVIEWED PUBLICATIONS

Google Scholar *h*-index = 14, i10-index = 15, ResearchGate score = 30.12

Symbols denote †high school, *undergraduate, and §Master's co-authors

Manuscripts available upon request

1. Kamath, A., **Stroud, J.T.**, Johnson, M.J. (2020) Widespread individual specialization in habitat use, but no support for the niche variation hypothesis, in *Anolis* lizards. In prep for resubmission: *Proceedings of the Royal Society B: Biological Sciences*

Manuscripts in review

2. Miller, A.H., **Stroud, J.T.** (2020) Novel tests of the key innovation hypothesis: Adhesive toepads in arboreal lizards. In review: *Systematic Biology*
3. Sanger, T.J., *Harding, L., *Kyrkos, J., *Arnaudoff, L., *Nunez, S., *Lachance, D., *Dhindsa, S., **Stroud, J.T.**, Diaz, R.E., Czeseny, B. (2020) Climate change induced thermal stress increases the rate of craniofacial malformations in vertebrates. In review: *Proceedings of the National Academy of Sciences*

4. **Stroud, J.T.**, Giery, S.T., Heathcote, R.J.P., *Ljustina, O., §Tiatragul, S., *Vargas, V., *Vezzani, E., Feeley, K.J. (2020) Behavioral interference drives non-parallel divergence during character displacement. In review: *Ecology Letters*
5. Kolbe, J.J., *Gilbert, N., **Stroud, J.T.**, Chejanovski, Z.A. (2020) An experimental analysis of perch diameter and substrate preferences of *Anolis* lizards from natural forest and urban habitats. In revision: *Journal of Herpetology*

Manuscripts in press

6. **Stroud, J.T.** (2020) Island species experience higher niche expansion and lower niche conservatism during invasion. In press: *Proceedings of the National Academy of Sciences*

Published manuscripts

7. Herrmann, N., **Stroud, J.T.**, Losos, J.B. (2020) The evolution of 'ecological release' into the 21st century. In press: *Trends in Ecology and Evolution*, doi: 10.1016/j.tree.2020.10.019
8. **Stroud, J.T.**, Mothes, C.C., Beckles, W., Heathcote, R.J.P., Donihue, C.M., Losos, J.B. (2020) An extreme cold event leads to community-wide convergence in lower temperature tolerance. *Biology Letters*, 16(1), doi.org/10.1098/rsbl.2020.0625

- **Cover article**

- *CNN, Smithsonian Magazine, AAAS EurekAlert!, The Weather Channel, Yahoo News, Science Daily, Science News, Phys.org, The Wildlife Society, Miami Herald, Earth.com, + >100 local and regional news stations in USA*

9. Donihue, C.M., Kowaleski, A., Algar, A., Baeckens, S., Buchkowski, R.W., Fabre, A.-C., Frank, H.K., Geneva, A.J., Mahler, D.L., Reynolds, R.G., **Stroud, J.T.**, Velasco, J.A., Kolbe, J.J., Losos, J.B., Herrel, A. (2020) Extreme climate events shape trait diversity across geographic and phylogenetic scales. *Proceedings of the National Academy of Sciences*, 117(19): 10429-10434

- **Cover article**

- *CNN, New York Times, Inside Science, Phy.org, Miami Herald, Smithsonian Magazine, Atlas Obscura, The Weather Channel, Massive Science*

- Commentary: Huey, R.B., and Grant, P.R. (2020) Lizards, toepads, and the ghost of hurricanes past. *Proceedings of the National Academy of Sciences*, doi: 10.1073/pnas.2006297117

10. Hall, J.M., Mitchell, T.S., Thawley, C.J., **Stroud, J.T.**, Warner, D.A. (2020) Adaptive seasonal shift towards investment in fewer, larger offspring: Evidence from field and laboratory studies. *Journal of Animal Ecology*, 89(5): 1242-1253

11. Gillespie, R.G., Bennett, G., De Meester, L., Fleischer, R.C., Harmon, L., Hendry, A., Knope, M., Mallet, J., Martin, C., Parent, C., Patton, A., Pfennig, K., Rubinoff, D., Schluter, D., Seehausen, O., Shaw, K., Stacy, E., Stervander, M., **Stroud, J.T.**, Wagner, C., Wogan, G. (2020) Comparing adaptive radiations across space, time, and taxa. *Journal of Heredity*, 111(1): 1-20
doi: jhered/esz064

- **Cover article**

12. **Stroud, J.T.**, Losos, J.B. (2020) Bridging the process-pattern divide to understand the origins and early stages of adaptive radiation: A review of approaches with insights from studies of *Anolis* lizards. *Journal of Heredity*, 111(1): 33-42, doi: jhered/esz055

13. **Stroud, J.T.**, Thompson, M.E. (2019) Looking to the past to understand the future of tropical conservation: The importance of collecting basic data. *Biotropica*, 51(3): 193-199

• **Cover article**

14. **Stroud, J.T.**, Giery, S.T., Outerbridge, M., Feeley, K.J. (2019) Ecological character displacement alters the outcome of priority effects during community assembly. *Ecology*, 100(8): e02727

• **Cover article**

15. **Stroud, J.T.**, *Colom, M., *Ferrer, P., *Palermo, N., *Vargas, V., *Cavallini, M., *Lopez, J., Jones, I. (2019) Behavioral shifts with urbanization may facilitate biological invasion of a widespread lizard. *Urban Ecosystems*, 22(3): 425–434

16. Mothes, C.C., **Stroud, J.T.**, Clements, S.L., Searcy, C.A. (2019) Evaluating Maxent's ability to accurately predict biotic invasions using South Florida's exotic lizard community. *Journal of Biogeography*, 46(2): 432-441

17. Perez, T.M., Valverde, O., Bravo, C., Taylor, T.C., Fadrique, B., Hogan, J.A., Pardo, C.J., **Stroud, J.T.**, Baraloto, C., Feeley, K.J. (2018) Botanic gardens are an untapped resource for studying the functional ecology of tropical plants. *Philosophical Transactions of the Royal Society B*, 374(1763): 1-9

18. Feeley, K.J., & **Stroud, J.T.** (2017) Where on Earth are the tropics? *Frontiers of Biogeography*, 10.1-2, e38649

19. Sanger, T.J., *Kyrkos, J., *Lachance, D., *Czesny, B., **Stroud, J.T.** (2018) The effects of thermal stress on the early development of the lizard *Anolis sagrei*. *Journal of Experimental Zoology A*, 329(4): 244-251

20. Giery, S.T., *Vezzani, E., Zona, S., **Stroud, J.T.** (2017) Frugivory and seed dispersal by the invasive knight anole (*Anolis equestris*) in Florida, USA. *Food Webs*, 11: 13-16

21. **Stroud, J.T.**, Giery, S.T., Outerbridge, M.E. (2017) Establishment of *Anolis sagrei* on Bermuda represents a novel ecological threat to Critically Endangered Bermuda skinks (*Plestiodon longirostris*). *Biological Invasions*, 19: 1723-1731

22. Feeley, K.J., **Stroud, J.T.**, Perez, T.M. (2016) Most global reviews of climate change impacts aren't truly global. *Diversity and Distributions*, 23(3): 231-234

23. **Stroud, J. T.**, & Losos, J.B. (2016) Ecological Opportunity and Adaptive Radiation. *Annual Review of Ecology, Evolution & Systematics*, 47: 507-532

24. Kolbe, J.J., VanMiddlesworth, P., Battles, A.C., **Stroud, J.T.**, Buffum, B., Forman, R.T.T., Losos, J.B. (2016) Determinants of spread in an urban landscape by an introduced lizard. *Landscape Ecology*, 31(8): 1795-1813

25. **Stroud, J.T.** Bush, M.R., Ladd, M.C., Nowicki, R.J., Shantz, A.A., and Sweatman, J. (2015) Is a community still a community? Reviewing definitions of key terms in community ecology. *Ecology & Evolution*, 5(21): 4757-4765

26. Gillespie, G.R., Howard, S., **Stroud, J.T.**, Ul-Hassanah, A., Campling, M., Lardner, B., Scroggie, M., Kusriani, M. (2015) Responses of a tropical herpetofauna community to anthropogenic disturbance and natural habitat variation in Sulawesi, Indonesia. *Biological Conservation*, 192(2015): 161-173

27. Rehm, E., Olivas, P., **Stroud, J.T.**, Feeley, K.J. (2015) Losing your edge: climate change and the conservation value of range-edge populations. *Ecology & Evolution*, 5(19): 4315-4326
28. **Stroud, J.T.**, and Feeley, K.J. (2015) Responsible academia: Optimizing conference locations to minimize greenhouse gas emissions. *Ecography*, 38(4): 402-404
29. Feeley, K.J., Rehm, E., **Stroud, J.T.** (2014) There are many barriers to species migrations. *Frontiers of Biogeography*: 6(2): fb_22006
30. **Stroud, J.T.**, Rehm, E., Ladd, M.C., Olivas, P., Feeley, K.J. (2014) Is conservation money being spent widely? Changing trends in conservation research priorities. *Journal of Nature Conservation*, 22(2014): 471-473

Editorial Experience: Books/Newsletters

31. **Stroud, J.T.**, Geneva, A., Losos, J.B. **Eds.** (2019) *Anolis Newsletter VII*. p. 1-323. Washington University, St. Louis MO. doi: 10.7936/gjg3-h168

Commentaries, reviews, and letters

32. **Stroud, J.T.** (2017) Ecological opportunity, competition, and diversity-dependence in macroevolution. *Evolution*, doi: 10.1111/evo.13295
33. **Stroud, J.T.**, & Feeley, K.J. (2017) Neglect of the tropics is widespread in ecology and evolution. *Trends in Ecology and Evolution*, 32(9): 626-629
34. §Tiatragnala, S., Murali, G., **Stroud, J.T.** (2017) Different evolutionary dynamics led to the convergence of clinging performance in lizard toepads. *Evolution*, doi:10.1111/evo.13338
35. Perez, T.M., **Stroud, J.T.**, Feeley, K.J. (2016) Thermal trouble in the tropics: Why latitude matters in climate change. *Science*: 351(6280): 1392-1393
36. **Stroud, J.T.**, and Feeley, K.J. (2015) A downside of diversity? A response to Gallagher *et al.* *Trends in Ecology and Evolution*, 30(6): 296-297

Natural history and geographic distribution articles

37. Martin, T.E., Gillespie, G.R., Kusriani, M.D., **Stroud, J.T.** (2020) *Xenochrophis trianguligerus* (Sulawesi Triangle Keelback). Diet and feeding behavior. *Herpetological Review*, 51(3): 631-632
38. Maurer, A., **Stroud, J.T.** (2019) *Anolis watsi* (Watts' anole). Nocturnal activity. *Herpetological Review*, 51(1): 119
39. **Stroud, J.T.**, Sanger, T.J. (2019) *Hemidactylus mabouia* (African House Gecko). Predation by *Anolis carolinensis* (American Green Anole). *Herpetological Review*, 51(1): 125
40. Maurer, A.S., Thawley, C.J., Fireman, A.L., Giery, S.T., **Stroud, J.T.** (2018) Nocturnal activity of Antigua lizards under artificial light. *Herpetological Conservation and Biology*, 14(1): 105-110
41. **Stroud, J.T.**, Richardson, A.J., Sim, J., Airnes, A., Stritch, J.M. (2018) Venturing into the Southern Hemisphere: First record of *Anolis sagrei* on Ascension Island in the mid-Atlantic. *IRCF Reptiles & Amphibians*, 25(3): 220-222

42. Simpson, S.E., Giery, S.T., Stroud, J.T., Thawley, C.J. (2018) *Anolis sagrei* (Brown anole). Predation. *Herpetological Review*, 50(2): 363-4
43. †Campbell, N., Thawley, C.J., Stroud, J.T. (2018) *Anolis cristatellus* (Puerto Rican Crested Anole). Cannibalism. *Herpetological Review*, 49(1): 27-28
44. Giery, S.T., †Donte, R., **Stroud, J.T.** (2017) A review of the current distribution of eastern narrow-mouthed frogs in the Greater Caribbean, with a first record from Abaco Island, The Bahamas. *IRCF Reptiles & Amphibians*, 24(2): 139-141
45. **Stroud, J.T.**, Alexander, P., Powell, I.V., Krysko, K.L. (2017) First Record of a Polychrotid Lizard, The Many-colored Bush Anole (*Polychrus marmoratus*), in Florida, USA. *IRCF Reptiles & Amphibians*, 24(2): 148-149
46. Martin, T.E., Guilleman, M., Nivet-Mazerolles, V., Landsmann, C., Dubos, J., Eudeline, R., **Stroud, J.T.** (2017) The herpetofauna of central Uzbekistan. *Amphibian & Reptile Conservation*, 11(1): 93-107 (e140)
47. Thawley, C.J., **Stroud, J.T.** (2017) *Phelsuma grandis* (Madagascan Giant Day Gecko). Geographic distribution: New record for Miami-Dade County. *Herpetological Review*, 48(4): 812
48. *Ljustina, O., **Stroud, J.T.** (2017) *Anolis carolinensis* (American Green Anole). Kleptothermy. *Herpetological Review*, 48 (2): 434-435
49. **Stroud, J.T.**, Outerbridge, M.E., Giery, S.T. (2016) First specimen of an American green anole (*Anolis carolinensis*) on the oceanic island of Bermuda, with a review of the species' current global distribution. *IRCF Reptiles & Amphibians*, 23(3): 188-190
50. **Stroud, J. T.**, & Giery, S.T. (2016) Nesting behavior and egg incubation time of introduced brown basilisks (*Basiliscus vittatus*) in South Florida. *IRCF Reptiles & Amphibians*, 23(2): 104-107
51. *Ljustina O, **Stroud, J.T.** (2016) *Anolis equestris* (Cuban Knight Anole): Novel predator-prey interaction. *Herpetological Review*, 47(3): 459-460
52. *Ljustina O, **Stroud, J.T.** (2016) *Anolis cristatellus* (Puerto Rican Crested Anole): Absent tympanum. *Herpetological Review*, 47(3): 459
53. Martin T, Guillemin M, Eudeline R, Landsmann C, Nivet-Mazerolles V, **Stroud JT.** (2015) Reptiles and Amphibians of Semi deserts, Mountains, and other habitats of South Central Uzbekistan. *Chicago Field Museum of Natural History*
54. **Stroud, J.T.** (2015) Reptiles y amphibios de Amacayacu parque Nacional, Amazonas – Colombia (Reptiles and amphibians of Amacayacu National Park, Amazonas – Colombia). *Chicago Field Museum of Natural History*
55. **Stroud, J.T.** (2013) *Anolis equestris* (Cuban Knight Anole): Exotic intra-guild predation. *Herpetological Review* 44(4): 660-661
56. **Stroud, J.T.**, Beckles, W. (2014) *Anolis cristatellus* (Puerto Rican Crested Anole): Abnormal dewlap color. *Herpetological Review*, 45(4): 693-694
57. **Stroud, J.T.**, and Giery, S. (2013) *Anolis equestris* (Cuban Knight Anole): Nocturnal activity. *Herpetological Review* 44(4): 661
58. **Stroud, J.T.**, and Krysko, K.L. (2013) *Ctenosaura similis* (Gray's Spiny-tailed Iguana): Non-native diet. *Herpetological Review* 44(2):322

Non-peer reviewed publications

59. **Stroud, J.T.**, Geneva, A., Losos, J.B. (2019) Preface: An Update on Anole Biology. *In: Anolis Newsletter VII*. Eds. **Stroud, J.T.**, Geneva, A., Losos, J.B. Washington University, St. Louis MO

60. *Walker, K., Battles, A.C., **Stroud, J.T.** (2019) Inter-specific predation between two eco-morphologically similar *Anolis* lizards. *In: Anolis Newsletter VII*. p. 296-300. Eds. **Stroud, J.T.**, Geneva, A., Losos, J.B. Washington University, St. Louis MO
61. **Stroud, J.T.** (2019) Using introduced anoles as natural experiments in ecology and evolution. *In: Anolis Newsletter VII*. p. 242-260. Eds. **Stroud, J.T.**, Geneva, A., Losos, J.B. Washington University, St. Louis MO
62. **Stroud, J.T.** (2019) Thoughts on the ecology and evolution of anoles; insights from 5 years of meandering strolls. *In: Anolis Newsletter VII*. p. 261-274. Eds. **Stroud, J.T.**, Geneva, A., Losos, J.B. Washington University, St. Louis MO
63. Mothes, C.C., **Stroud, J.T.**, Clements, S.L., Searcy, C.A. (2019) Prediction the invasion dynamics of anoles (and other lizards) using ecological niche modeling. *In: Anolis Newsletter VII*. p. 194-205. Eds. **Stroud, J.T.**, Geneva, A., Losos, J.B. Washington University, St. Louis MO
64. Mantilla, D.C., Morales, S.D., Parra-Medina, R., **Stroud, J.T.** (2019) Histopathology of large epidermal cysts on the invasive Puerto Rican Crested Anole (*Anolis cristatellus*) in Miami, Florida USA. *In: Anolis Newsletter VII*. p. 154-157. Eds. **Stroud, J.T.**, Geneva, A., Losos, J.B. Washington University, St. Louis MO
65. *Ljustina, O., **Stroud, J.T.** (2019) Little evidence for size-structured habitat use in a diverse *Anolis* community. *In: Anolis Newsletter VII*. p. 136-143. Eds. **Stroud, J.T.**, Geneva, A., Losos, J.B. Washington University, St. Louis MO
66. Giery, S.T., **Stroud, J.T.** (2019) Geographic variation in trophic ecology of the Brown anole (*Anolis sagrei*): species-rich communities are composed of more diverse populations. *In: Anolis Newsletter VII*. p. 76-100. Eds. **Stroud, J.T.**, Geneva, A., Losos, J.B. Washington University, St. Louis MO

Popular publications

67. **Stroud, J.T.**, Setzer, K. (2019) Geckos in the Garden: Florida Reef Gecko (*Sphaerodactylus notatus*). *The Tropical Garden: Magazine of the Fairchild Tropical Botanic Garden*
68. **Stroud, J.T.** (2014) An introduction to the lizards of Fairchild Tropical Botanical Gardens. *The Tropical Garden: Magazine of the Fairchild Tropical Botanic Garden*, 69(1): 28-29

GRANTS AND FELLOWSHIPS

Fellowships (including Teaching Assistantships)

2017	Dissertation Year Fellowship , Florida International University	\$16,600
2015	Dissertation Evidence Acquisition Fellowship , Florida International University	\$8,300
2012	<i>Graduate Teaching Assistantship, Florida International University</i>	\$115,000
2009	<i>Graduate Teaching Assistant Fellowship, University of Hull</i>	~\$24,000 (GBP £16,000)

Research Grants (> \$5,000) | Total: >\$25,000

2016	National Science Foundation (NSF), Doctoral Dissertation Improvement Grant <i>Asymmetric character displacement in evolutionary novel Anolis lizards</i>	\$16,105
2015	Eric Clee Award, Bermuda Zoological Association	\$5,500
2015	Fairchild Tropical Botanic Gardens, Student Research Grant	\$5,000

Smaller Research Grants (< \$5,000) | Total: >\$15,000

2018	American Genetics Association: Travel Award	\$300
2017	American Naturalist Society: Graduate Student Research Award	\$2,000
2017	American Naturalist Society: Graduate Student Travel Award	\$500
2016	ASIH Graduate Student Travel Grant	\$600
2016	LACC Tinker Student Research Grant	\$538
2015	Judith Evans Park Student Research Travel Fund	\$1,000
2015	ICAA Research Fellowship	\$2,000
2015	LACC Tinker Student Research Grant	\$2,500
2014	GPSC Student Travel Fund, Florida International University	\$500
2014	Eric Clee Award, Bermuda Zoological Association	\$2,500
2013	FCE/LTER Student Travel Award, National Science Foundation	\$500
2013	GPSC Student Travel Fund, Florida International University	\$500
2013	Florida International University, Biology student travel grant	\$300
2010	Graduate Student Travel Grant, University of Hull, UK	~ \$350 (GBP £250)
2009	Robert's Fund, University of Hull, UK	~ \$1,600 (GBP £1000)

Selected presentations († undergraduate presenting author)*Invited talks and seminars*

- 2019 Forfar Field Research Station, Andros Island, Bahamas
- 2019 University of West Indies, Mona Campus, Kingston, Jamaica
- 2019 University of Miami, Florida USA
- 2019 University of Missouri, St. Louis (UMSL), St. Louis, Missouri USA
- 2019 Bahamas National Trust and Forfar Field Research Station, Andros Island, Bahamas
- 2019 National Great Rivers Research and Education Center, East Alton, Illinois USA
- 2019 Washington University, St. Louis, Missouri USA
- 2018 American Genetics Association (AGA) President's Symposium, "*Origins of Adaptive Radiation*"
- 2016 Ecological Society of America, Fort Lauderdale, Florida, USA
"*New Frontiers in Conservation Ecology of Tropical Amphibians and Reptiles*"
- 2016 Joint Meeting of Ichthyology and Herpetology, New Orleans, Louisiana, USA
"*Social behavior in reptiles: Secretive does not mean asocial*"
- 2013 Florida International University's ESA SEEDS Chapter, "*How to apply to graduate school*"
- 2010 Reptile and Amphibian Working Group (RAWG) Conference on Venomous Reptiles, Zoological Society of London, UK

Contributed talks

- 2017 Society for the Study of Evolution International Conference, Portland, Oregon USA:
"*Character displacement in evolutionary-novel Anolis lizards*"
- 2016 Ecological Society of America, Fort Lauderdale, Florida, USA
- 2014 Joint Meeting of Ichthyology and Herpetology, Chattanooga, Tennessee, USA
*Nominated for Stoye Award for Best Student Presentation
- 2014 Annual Biology Graduate Symposium, Florida International University, USA
- 2013 Joint Meeting of Ichthyology and Herpetology, University of New Mexico, USA
*Nominated for Stoye Award for Best Student Presentation
- 2013 Annual Biology Graduate Symposium, Florida International University, USA
- 2011 Amphibian and Reptile Group (ARG) National Conference, University of Greenwich, UK
- 2009 Postgraduate Research Conference, University of Hull UK

Poster Presentations

- 2016 † Florida International University Biology Graduate Symposium, Miami FL, USA
- 2016 † Florida International University Biology Graduate Symposium, Miami FL, USA
- 2015 Ecological Society of America (ESA) Annual Meeting, Baltimore, USA
- 2015 † FIU Undergraduate Research Conference, Florida International University, USA

- 2015 † Florida International University Biology Graduate Symposium, Miami FL, USA
 2015 † Florida International University Biology Graduate Symposium, Miami FL, USA
 2014 † McNair Undergraduate Research Conference, Florida International University, USA
 2013 † International Biogeography Society Conference, Florida International University, USA
 2011 British Ecological Society Annual Symposium – *'Forests and Global Change'*, University of Cambridge
 2010 British Ecological Society Annual Meeting, University of Leeds, UK

Selected Media Coverage

- 2020 *Thermal physiological responses of tropical lizards to an extreme cold event*
 CNN : WUSTL Newsroom : Science Daily : AAAS EurekAlert! : The Weather Channel : Yahoo News : Phys.org : Earth.com : Science News
- 2020 *Evolutionary effects of hurricanes on Anolis lizards*
 NY Times : CNN : AAAS EurekAlert! : Inside Science : Phys.org : Miami Herald : Smithsonian Magazine : WUSTL Newsroom : WPEC : Atlas Obscura : The Weather Channel : Massive Science
- 2016 “Tropical species are especially vulnerable to climate change”, Phys.org 25/03/2016
 2015 “Invasive Cuban Lizard Settling Down in Bermuda”, Discovery News 11/12/2015
 2015 “Invasive Cuban Brown Anole Found on Bermuda Island”, Reptiles Magazine 10/12/2015
 2015 “New species of lizard found on island”, The Royal Gazette, Bermuda 24/09/2015
 2012 “Snakes alive! Why the adder is retreating from Yorkshire’s woods”, Yorkshire Post, UK
 2012 “Snake study sheds light on health of forests”, Whitby Gazette, UK 17/06/2012
 2012 “Snake-friendly corridors introduced on North York Moors”, York Press, UK 05/06/2012
 2012 “Reptile expert aims to boost adder population”, Northern Echo, UK 05/06/2012
 2012 “Brighter future for snake thanks to James’s research”, Scarborough Evening News, UK 12/06/2012
 2012 “Wildlife routes through North Yorkshire forests could help rare adder”, Real Whitby, UK 03/06/2012
 2012 “Adders need corridors through the woods”, Wildlife Extra, UK – 01/06/2012

TEACHING

I have assisted and delivered a range of Environmental Science and Ecology courses during my postgraduate studies. This experience has covered theoretical and practical aspects with very strong field-based components, involving both undergraduate and postgraduate students and is summarized below:

Certifications and Workshops. 2018-present

- **Mentorship Training Program**, Center for the Improvement of Mentored Experience in Research (CIMER), Washington University, St. Louis
- **Teaching to a Diverse Student Population**, The Teaching Center, Washington University, St. Louis
- **Providing Verbal Feedback**, The Teaching Center, Washington University, St. Louis
- **Increasing Student Participation**, The Teaching Center, Washington University, St. Louis

Department of Biological Sciences, Florida International University. 2012-2018:

- **QBIC (Quantifying Biology in the Classroom) Advanced Ecology Course administrator and coordinator** (Advanced undergraduate students): *2 semesters*
- **QBIC Advanced Ecology Teaching Assistant**: *1 semester*
- **Ecology Lab, Course administrator and coordinator**: *4 semesters*
- **Ecology Lab, Teaching Assistant** (All undergraduate levels): *6 semesters*

Centre for Environmental and Marine Sciences, University of Hull. 2009-2011:

- **Animal Behaviour** (Level 3 - Senior): 2 semesters
- **Upland Ecology** (Level 3 - Senior): 1 semester
- **Aquatic Zoology** (Level 2 - Sophomore): 1 semester
- **Remote Sensing and GIS** (Level 2 - Sophomore): 1 semester
- **Conservation Biology** (Level 2 - Sophomore): 2 semesters

STUDENT SUPERVISION

*students with whom I have published peer-reviewed research

†students who have presented this research at a conference

°students of underrepresented minorities (UK BAME)

Bachelor of Sciences, Honors (BSc Hons) Dissertation research: Sulawesi, Indonesia

- **Alice McPherson** Queens University Belfast, UK 2014
- **Biff Houlston** Bath Spa University, UK 2014
- **Daniel Aindow** University of York, UK 2011
- **Cormac Price** Trinity College Dublin, Republic of Ireland 2011
- **Leanne Fitzgerald** Trinity College Dublin, Republic of Ireland 2011
- **Jamie Mitchell** Sparsholt College, UK 2008
- **Timothy Moxon** University of Southampton, UK 2008

Bachelor of Sciences, Honors (BSc Hons) Dissertation research: Miami, FL USA

- **Enrico Vezzani*** University of Modena, Italy 2016

Master of Sciences (MSc) Thesis research: Miami, FL USA and Exeter, UK

- **Chrissy Miller** University of Exeter, UK 2015-16
- **Sophie Pardeux** University of Exeter, UK 2015-16

Undergraduate research assistants

- **Benjamin Krasnoff** Washington University, St. Louis MO, USA 2019-
- °**Kamau Walker*** Yale University, New Haven CT, USA 2018-
- °**Saransh Gothi** Washington University, St. Louis MO, USA 2018-19
- °**Martina Cavallini*** Florida International University, Miami FL, USA 2018-19
- °**Jesus Lopez*** Florida International University, Miami FL, USA 2018-19
- °**Ebony Escobar** Florida International University, Miami FL, USA 2016-17
- °**Veronica Vargas*** Florida International University, Miami FL, USA 2014-18
- °**Oliver Ljustina**†** Florida International University, Miami FL, USA 2013-16
- °**Marie Colom**†** Florida International University, Miami FL, USA 2013-16
- °**Pedro Ferrer*** Florida International University, Miami FL, USA 2013-15
- °**Nick Palermo*** Florida International University, Miami FL, USA 2013-15

Graduate Student Mentorship

Graduate student mentor committee 2013-18 (Florida International University), responsible for providing mentorship to the following graduate students (supervisor included):

Matthew Holden (Advisor: Dr. Maureen Donnelley) ; Martina Hilbrand (Advisor: Dr. John Withey)
Emily Brantner (Advisor: Dr. John Withey) ; Shelby Servais (Advisor: Dr. John Kominowski)
Sean Charles (Advisor: Dr. John Kominowski) ; Timothy Perez (Advisor: Dr. Kenneth Feeley)
Belen Fadrique (Advisor: Dr. Kenneth Feeley).

SERVICE AND OUTREACH

Journal Reviewer (27 journals)

<i>Ecology Letters</i>	<i>Nature Climate Change</i>	<i>Proceedings of the Royal Society B</i>
<i>Biology Letters</i>	<i>Global Change Biology</i>	<i>Biological Conservation</i>
<i>Evolution</i>	<i>Journal of Biogeography</i>	<i>Diversity and Distributions</i>
<i>Ecography</i>	<i>The American Naturalist</i>	<i>Journal of Animal Ecology</i>
<i>Evolutionary Ecology</i>	<i>Ecology and Evolution</i>	<i>Zoological Journal of the Linnean Society</i>
<i>Journal of Zoology</i>	<i>Journal of Thermal Biology</i>	<i>Herpetological Conservation and Biology</i>
<i>Austral Ecology</i>	<i>The Herpetological Journal</i>	<i>Journal of Ecology and the Natural Environment</i>
<i>Amphibia-Reptilia</i>	<i>Journal of Natural History</i>	<i>Biological Journal of the Linnean Society</i>
<i>Current Zoology</i>	<i>Journal of Urban Ecology</i>	<i>Biological Invasions</i>

Society Memberships and Service

Current member of the American Naturalist Society (ASN), American Genetics Association (AGA), American Society for Herpetology and Ichthyology (ASIH).

Past or ephemeral member of International Biogeographical Society (IBS), Society for the Study of Evolution (SSE), Ecological Society of America (ESA), British Ecological Society (BES), Zoological Society of London (ZSL), International Herpetological Society (IHS), British Herpetological Society (BHS), Society for the Study of Amphibians and Reptiles (SSAR).

Founding Chairman of the Bangor University Herpetological Society, University of Wales, Bangor UK – the first such institutional society in the UK. The BUHS has had >1,500 academic members since founding, inspiring a new wave of British herpetologists.

Outreach

Social Media and Science Communication

Personal research website – www.jamesTstroud.com – has received 50,000+ unique visits to date (averaging ca. 3,000 unique visits/month). Twitter account – @jamesTstroud – has ca. 1,500 followers. My tweets over the past 12 months have resulted in >500,000 impressions (i.e. the cumulative number of times my tweets have been viewed on other people’s Twitter timelines).

Citizen Science

Founder and lead coordinator of *Lizards on the Loose*, an outreach activity supported by the Fairchild Challenge (organized by Fairchild Tropical Botanical Gardens, Coral Gables, Florida USA), a national award-winning citizen science and outreach education program, which currently engages >200,000 K-12 students (>90% of which are underrepresented minorities) and teachers from south Florida annually. As of June 2020, *Lizards on the Loose* involves 35 schools and >3,000 students per year conduct lizard surveys across the entire south Florida region. Our middle school student scientist *Lizards on the Loose* surveys have resulted in >10,000 iNaturalist (www.inaturalist.com) observations. *Lizards on the Loose* is now one of the largest middle school science projects in the world, and will feature in a book to be published in 2021, “*The Lizard Scientists: Studying Evolution in Action*” to be published by HMH Books for Young Readers.

Anole Annals blog

Active contributor to online NSF-funded research blog *Anole Annals* (www.AnoleAnnals.com). My 50+ posts provide scientific commentary about the biology, ecology, evolution, behavior, and natural history of *Anolis* lizards (anoles) to the public and mainstream media. Google rating: 5

I am also the Social Media Editor for the AnoleAnnals blog, responsible for dissemination of all anole-related content to a twitter audience of >1,500 scientists and hobbyists, resulting in >20,000 impressions over the past 12 months.

PROFESSIONAL REFERENCES

Jonathan B. Losos, PhD

William H. Danforth Distinguished University Professor

Department of Biology

Washington University in St. Louis

Email: losos@wustl.edu

Tel: 314-935-3460

Kenneth J. Feeley, PhD

Smathers Chair of Tropical Biology

Department of Biology

University of Miami

Email: kjfeeley@gmail.com

Tel: 305-284-5748

Jason J. Kolbe, PhD

Associate Professor

Department of Biological Science

University of Rhode Island

Email: jjkolbe@uri.edu

Tel: 401-874-9731