

## Crystal Kelehear Graham

E-mail: [crystal.graham@sulross.edu](mailto:crystal.graham@sulross.edu)

Web: [https://www.researchgate.net/profile/Crystal\\_Kelehear/](https://www.researchgate.net/profile/Crystal_Kelehear/)

Phone: +1 432 837 8820

Office: WSB 220

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### RESEARCH INTERESTS

My research interests focus on ecological parasitology with the aim of integrating fields of research that are too often segregated. Specifically, my research encompasses: parasitology, pathology, host physiology and immunology, and host-parasite ecology and evolution. I strongly advocate research collaboration between disciplines to gain a holistic understanding of my study systems. I am intrigued by the shifting dynamics of host-parasite interactions during biological invasions and I also have a keen interest in wildlife diseases that are of conservation and/or zoonotic concern.

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### FACULTY POSITIONS HELD

**2017-** **Assistant Professor.** *Department of Biology, Geology, and Physical Sciences, Sul Ross State University, Alpine, Texas, USA.*

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### POSTDOCTORAL POSITIONS HELD

**2015-17** **George E. Burch Fellow in Theoretic Medicine and Affiliated Theoretic Science.** *Smithsonian Institute, Smithsonian Tropical Research Institute, Panama City, Republic of Panama.*

*Project title:* Parasites, disease, and the global spread of cane toads: how do parasites impact amphibian health and biological invasions?

*Primary advisor:* Dr Mark E. Torchin, *Associate advisor:* Dr Kristin Saltonstall

**2013** **A. Stanley Rand Fellow.** *Smithsonian Tropical Research Institute, Panama City, Republic of Panama.*

*Project title:* Are parasites more pathogenic in their native range? A case study on parasites of cane toads in Panama, with implications for invasion success

*Primary advisor:* Dr Mark E. Torchin, *Associate advisor:* Dr Roberto Ibáñez

**TERTIARY EDUCATION**

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- 2008-12 Doctor of Philosophy in Biology.** *The University of Sydney, Sydney, Australia*  
*Thesis title:* Host-parasite interactions during a biological invasion  
*Primary advisor:* Prof. Richard Shine, *Associate advisor:* Dr Gregory P. Brown
- 2006-07 First Class Honors (91%) in Biology.** *The University of Sydney, Sydney, Australia*  
*Thesis title:* The effects of lung nematodes (*Rhabdias* cf. *hylae*) on metamorph cane toads (*Chaunus marinus*), and implications for biological control  
*Advisors:* Prof. Richard Shine, Dr Jonathan K. Webb
- 2003-05 Bachelor of Advanced Science.** *The University of Sydney, Sydney, Australia*  
*Majors in:* Biological & Medical Sciences

**PEER-REVIEWED PUBLICATIONS** (please note that I continue to publish under my maiden name: Crystal Kelehear)

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- 28) Graham, S. P., Godwin, J. C., Nelson, D., Folt, B., **Kelehear, C.**, Turner, B., Lahanas, P., Marion, K., & Wibbels, T. Natural history and ecology of the turtles of Mobile Bay and the Tensaw Delta, Alabama, USA. **Herpetological Monographs: submitted.** | **Impact Factor: 1.90**
- 27) **Kelehear, C.**, Keightley, S. J., & Ritzi, C. M. (2017). First record of *Amblyomma dissimile* infesting the South American Common Toad (*Rhinella margaritifera*) in French Guiana. **Comparative Parasitology: in press.** | **Impact Factor: 0.80**
- 26) **Kelehear, C.**, Graham, S. P., & Langkilde, T. (2017). Defensive strategies of the Puerto Rican Dwarf Geckos (*Sphaerodactylus macrolepis*) against invasive Fire Ants. **Herpetologica** 73: *online first.* | **Impact Factor: 1.31**
- 25) Selechnik, D., Rollins, L.A., Brown, G.P., **Kelehear, C.**, & Shine, R. (2017). The things they carried: the pathogenic effects of old and new parasites following the intercontinental invasion of the Australian Cane Toad (*Rhinella marina*). **International Journal for Parasitology: Parasites & Wildlife: online first.**
- Invited submission —
- 24) **Kelehear, C.**, Hudson, C. M., Mertins, J. W., & Shine, R. (2017). First report of exotic ticks (*Amblyomma rotundatum*) parasitizing invasive Cane Toads (*Rhinella marina*) on the island of Hawai'i. **Ticks and Tick-borne Diseases** 8: 330-333. | **Impact Factor: 2.69**

— Article reported on in the *Smithsonian Insider* —

- 23) Brown, G. P., **Kelehear, C.**, Pizzatto, L. & Shine, R. (2016). The impact of lungworm parasites on rates of dispersal of their anuran host, the invasive Cane Toad. **Biological Invasions** 18: 103-114. | **Impact Factor: 2.86**
- 22) Walker, D. M., Lawrence, B. R., Esterline, D., McAndrew, M., Edelbroch, J., Graham, S. P. & **Kelehear, C.** (2015). A novel protocol for washing environmental microbes from amphibian skin. **Herpetological Review** 46: 349-353.
- 21) **Kelehear, C.**, Jones, H. I., Wood, B. A. & Shine, R. (2015). Wild Cane Toads (*Rhinella marina*) expel foreign matter from the coelom via the urinary bladder in response to internal injury, endoparasites and disease. **PLoS ONE** 10: e0134036. | **Impact Factor: 3.23**
- 20) Brown, G. P., **Kelehear, C.**, Shilton, C. M., Phillips, B. L. & Shine, R. (2015). Stress and immunity at the invasion front: a comparison across Cane Toad (*Rhinella marina*) populations. **Biological Journal of the Linnean Society** 116: 748-760. | **Impact Factor: 1.98**
- 19) Stevenson, D. J., Jenkins, C. L., Stohlgren, K. M., Jensen, J. B., Bechler, D. L., Deery, I., Duff, D., Graham, S. P., Herrington, R., Higgins, P., Horan, R. V., **Kelehear, C. et al.** (2015). Significant new records of amphibians and reptiles from Georgia, USA. **Herpetological Review** 46: 597-601. | *Citing Articles: 1*
- 18) **Kelehear, C.**, Saltonstall, K. & Torchin, M. E. (2015). An introduced pentastomid parasite (*Raillietiella frenata*) infects native Cane Toads (*Rhinella marina*) in Panama. **Parasitology** 142: 675-679. | **Impact Factor: 3.03** | *Citing Articles: 1*
- 17) **Kelehear, C.**, Spratt, D. M., O'Meally, D. & Shine, R. (2014). Pentastomids of wild snakes in the Australian tropics. **International Journal for Parasitology: Parasites & Wildlife** 3: 20-31. | *Citing Articles: 5*
- 16) Pizzatto, L., **Kelehear, C.** & Shine, R. (2013). Seasonal dynamics of the lungworm, *Rhabdias pseudosphaerocephala*, in recently colonized Cane Toad (*Rhinella marina*) populations in tropical Australia. **International Journal for Parasitology** 43: 753-761. | **Impact Factor: 4.24** | *Citing Articles: 8*
- 15) **Kelehear, C.**, Brown, G. P. & Shine, R. (2013). Invasive parasites in multiple invasive hosts: the arrival of a new host revives a stalled prior parasite invasion. **Oikos** 122: 1317-1324. | **Impact Factor: 3.59** | *Citing Articles: 16*
- 14) Brown, G. P., **Kelehear, C.** & Shine, R. (2013). The early toad gets the worm: Cane Toads at an invasion front benefit from higher prey availability. **Journal of Animal Ecology** 82: 854-862. | **Impact Factor: 4.83** | *Citing Articles: 24*

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- 13) Pizzatto, L., **Kelehear, C.**, Dubey, S., Barton, D. & Shine, R. (2012). Host-parasite relationships during a biologic invasion: 75 years postinvasion, Cane Toads and sympatric Australian frogs retain separate lungworm fauna. **Journal of Wildlife Diseases** 48: 951-961. | **Impact Factor: 1.20** | *Citing Articles: 17*
  - 12) **Kelehear, C.**, Cabrera-Guzmán, E. & Shine, R. (2012). Inadvertent consequences of community-based efforts to control invasive species. **Conservation Letters** 5: 360-365. | **Impact Factor: 7.13** | *Citing Articles: 6*
  - 11) **Kelehear, C.**, Brown, G. P. & Shine, R. (2012). Size and sex matter: infection dynamics of an invading parasite (the pentastome *Raillietiella frenatus*) in an invading host (the Cane Toad *Rhinella marina*). **Parasitology** 139: 1596-1604. | **Impact Factor: 3.03** | *Citing Articles: 7*
  - 10) Graham, S. P., **Kelehear, C.**, Brown, G. P. & Shine, R. (2012). Corticosterone-immune interactions during captive stress in invading Australian Cane Toads (*Rhinella marina*). **Hormones & Behavior** 62: 146-153. | **Impact Factor: 3.34** | *Citing Articles: 15*
  - 9) **Kelehear, C.**, Brown, G. P. & Shine, R. (2012). Rapid evolution of parasite life history traits on an expanding range-edge. **Ecology Letters** 15: 329-337. | **Impact Factor: 10.77** | *Citing Articles: 32*
  - 8) Brown, G. P., **Kelehear, C.** & Shine, R. (2011). Effects of seasonal aridity on the ecology and behaviour of invasive Cane Toads (*Rhinella marina*) in the Australian wet-dry tropics. **Functional Ecology** 25: 1339-1347. | **Impact Factor: 5.21** | *Citing Articles: 41*
  - 7) **Kelehear, C.**, Webb, J. K., Hagman, M. & Shine, R. (2011). Interactions between infective helminth larvae and their anuran host. **Herpetologica** 64: 378-385. | **Impact Factor: 1.31** | *Citing Articles: 8*
  - 6) **Kelehear, C.**, Spratt, D. M., Dubey, S., Brown, G. P. & Shine, R. (2011). Using combined morphological, allometric and molecular approaches to identify species of the genus *Raillietiella* (Pentastomida). **PLoS ONE** 6: e24936. | **Impact Factor: 3.23** | *Citing Articles: 21*
- Article reported on in *Scientific American* –
- 5) **Kelehear, C.**, Brown, G. P. & Shine, R. (2011). Influence of lung parasites (*Rhabdias pseudosphaerocephala*) on the growth rates of free-ranging and captive adult Cane Toads (*Bufo marinus*). **Oecologia** 165: 585-592. | **Impact Factor: 2.90** | *Citing Articles: 32*
- Article reported on in *FrogLog* –
- 4) **Kelehear, C.** & Jones, H. I. (2010). Nematode larvae (Order Spirurida) in gastric

tissues of Australian anurans: a comparison between the introduced Cane Toad and sympatric native frogs. **Journal of Wildlife Diseases** 46: 1126-1140. | **Impact Factor: 1.20** | *Citing Articles: 16*

- 3) Phillips, B. L., **Kelehear, C.**, Pizzatto, L., Brown, G. P., Barton, D. & Shine, R. (2010). Parasites and pathogens lag behind their host during periods of host range-advance. **Ecology** 91: 872-881. | **Impact Factor: 4.73** | *Citing Articles: 87*
- 2) **Kelehear, C.**, Webb, J. K. & Shine, R. (2009). *Rhabdias pseudosphaerocephala* infection in *Bufo marinus*: lung nematodes reduce viability of metamorph Cane Toads. **Parasitology** 136: 919-927. | **Impact Factor: 3.03** | *Citing Articles: 48*  
 – Article reported on in: *The Sydney Morning Herald, The Daily Telegraph, The Herald Sun, and The Brisbane Times* –
- 1) **Kelehear, C.** & Webb, J. K. (2006). Effects of tail autotomy on anti-predator behavior and locomotor performance in a nocturnal gecko. **Copeia** 2006: 803-809. DOI: 10.1643/0045-8511(2006)6[803:eotaoa]2.0.co;2 | **Impact Factor: 1.14** | *Citing Articles: 24*

#### PEER-REVIEWED NATURAL HISTORY NOTES

- 14) **Kelehear, C.** (2016). *Cubophis caymanus* (Cayman Racer). Diet. **Herpetological Review** 47: 680-681.
- 13) **Kelehear, C.**, Levy, D. & Saulo, D. (2016). *Litoria infrafrenata* (White-lipped Tree Frog). Diet. **Herpetological Review** 47: 280.
- 12) Graham, S. P. & **Kelehear, C.** (2016). *Holbrookia maculata* (Lesser Earless Lizard). Predation. **Herpetological Review** 47: 137-138.
- 11) Graham, S. P. & **Kelehear, C.** (2016). *Aspidoscelis inornata* (Trans Pecos Striped Whiptail). Predation. **Herpetological Review** 47: 132.
- 10) **Kelehear, C.** (2016). *Trachemys scripta elegans* (Red-eared Slider). Predation. **Herpetological Review** 47: 129-130.
- 9) Graham, S. P. & **Kelehear, C.** (2015). *Sonora semiannulata* (Western Groundsnake). Predation. **Herpetological Review** 46: 650.
- 8) **Kelehear, C.** & Graham, S. P. (2015). *Anolis cristatellus* (Crested Anole). Diet. **Herpetological Review** 46: 431.
- 7) **Kelehear, C.** & Graham, S. P. (2015). *Thamnophis sirtalis* (Common Garter Snake). Diet. **Herpetological Review** 46: 277-278.
- 6) Graham, S. P. & **Kelehear, C.** (2015). *Coluber flagellum* (= *Masticophis flagellum*)

- (Coachwhip). Diet. **Herpetological Review** 46: 267.
- 5) Graham, S. P. & **Kelehear, C.** (2015). *Sistrurus tergeminus edwardsii* (Desert Massasauga). Diet. **Herpetological Review** 46: 107.
  - 4) **Kelehear, C.** (2014). *Liotyphlops albirostris* (White-nosed Blind Snake). Predation. **Herpetological Review** 45: 339.
  - 3) **Kelehear, C.** (2013). *Stegonotus cucullatus* (Slaty-grey Snake). Diet. **Herpetological Review** 44: 157-158.
  - 2) **Kelehear, C.** (2012). *Demansia vestigiata* (Lesser Black Whip Snake). Diet. **Herpetological Review** 43: 659.
  - 1) Pizzatto, L., Somaweera, R., **Kelehear, C.** & Brown, G. P. (2012). *Rhinella marina* (Cane Toad). Diet. **Herpetological Review** 43: 469-471.

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#### PEER-REVIEWED GEOGRAPHIC DISTRIBUTION NOTES

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- 13) Graham, S. P., Stevens, S., & **Kelehear, C.** (2015). *Craugastor augusti* (Barking Frog). Geographic Distribution. **Herpetological Review** 46: 558.
- 12) Graham, S. P. & **Kelehear, C.** (2015). *Sistrurus tergeminus edwardsii* (Desert Massasauga). Geographic Distribution. **Herpetological Review** 46: 221.
- 11) Graham, S. P. & **Kelehear, C.** (2014). *Spea bombifrons* (Plains Spadefoot). Geographic distribution. **Herpetological Review** 45: 656.
- 10) Graham, S. P. & **Kelehear, C.** (2014). *Ambystoma tigrinum* (Tiger Salamander). Geographic distribution. **Herpetological Review** 45: 650.
- 9) Graham, S. P. & **Kelehear, C.** (2014). *Ambystoma tigrinum* (Tiger Salamander). Geographic distribution. **Herpetological Review** 45: 456.
- 8) **Kelehear, C.** & Graham, S. P. (2014). *Storeria occipitomaculata* (Red-bellied Snake). Geographic Distribution. **Herpetological Review** 45: 286.
- 7) Graham, S. P. & **Kelehear, C.** (2014). *Scaphiopus holbrookii* (Eastern Spadefoot). Geographic distribution. **Herpetological Review** 45: 279.
- 6) Graham, S. P. & **Kelehear, C.** (2014). *Pseudacris crucifer* (Spring Peeper). Geographic distribution. **Herpetological Review** 45: 278.
- 5) **Kelehear, C.** & Graham, S. P. (2014). *Hemidactylium scutatum* (Four-toed Salamander). Geographic Distribution. **Herpetological Review** 45: 274.
- 4) Graham, S. P. & **Kelehear, C.** (2014). *Ambystoma tigrinum* (Tiger Salamander). Geographic distribution. **Herpetological Review** 45: 273.

- 3) Graham, S. P. & **Kelehear, C.** (2014). *Ambystoma talpoideum* (Mole Salamander). Geographic distribution. **Herpetological Review** 45: 273.
- 2) Brooks, G. C., Graham, S. P. & **Kelehear, C.** (2012). *Opheodrys aestivus* (Rough Greensnake). Geographic Distribution. **Herpetological Review** 43: 622.
- 1) Brooks, G. C., Graham, S. P. & **Kelehear, C.** (2012). *Crotalus horridus* (Timber Rattlesnake). Geographic Distribution. **Herpetological Review** 43: 620.

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#### INVITED EDUCATIONAL FACT SHEETS

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- 10) **Kelehear, C.** (2016). Pentastomiasis in Australian Crocodilians. **Wildlife Health Australia.**
- 9) **Kelehear, C.,** & Siah, S. (2016). Murray Valley Encephalitis. **Wildlife Health Australia.**
- 8) **Kelehear, C.,** Millan, J., Williams, R., Siah, S., & Woods, R. (2016). West Nile and Kunjin Virus. **Wildlife Health Australia.**
- 7) **Kelehear, C.,** Siah, S., & Woods, R. (2016). Japanese Encephalitis. **Wildlife Health Australia.**
- 6) **Kelehear, C.** (2016). Pentastomiasis in Australian Lizards. **Wildlife Health Australia.**
- 5) Graham, S. P. & **Kelehear, C.** (2016). Eastern Equine Encephalitis. **Wildlife Health Australia.**
- 4) Graham, S. P. & **Kelehear, C.** (2015). Western Equine Encephalitis. **Wildlife Health Australia.**
- 3) **Kelehear, C.,** Bestall, A., Ross, T., Sanders, L., Shilton, C., Holtz, P. & Woods, R. (2015). Ross River Virus in Australian Wildlife. **Wildlife Health Australia.**
- 2) **Kelehear, C.** & Graham, S. P. (2015). Equine Influenza. **Wildlife Health Australia.**
- 1) **Kelehear, C.** (2014). Pentastomiasis in Australian Snakes. **Wildlife Health Australia.**

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#### PRESENTATIONS

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- 2017 Oral presentation. *Fellows and Interns Symposium, Smithsonian Tropical Research Institute, Panama*
- 2016 Invited seminars. *Tropical Biology on a Changing Planet, Duke University, Organization for Tropical Studies, Costa Rica*

- 2016** Invited keynote speaker. *Animal Invasive Species in the Antilles: The Relevance of Scientific Research to Conservation, 1st Caribaea Initiative, Research & Conservation Workshop, Martinique*
- 2015** Invited seminar. *Ecology and Epidemiology of Parasites and Infectious Disease, Princeton University, Smithsonian Tropical Research Institute, Panama*
- 2014** Oral presentation. *Joint Meeting of Ichthyologists and Herpetologists, USA*
- 2012** Invited seminar. *Centre for Infectious Disease Dynamics, Pennsylvania State University, USA*
- 2012** Oral presentation. *World Congress of Herpetology, Canada*
- 2011** Oral presentation. *Annual Meeting of the Australian Society of Herpetologists, Australia*
- 2011** Oral presentation. *School of Biological Sciences – Postgraduate Excellence Award, The University of Sydney, Australia*
- 2011** Oral presentation. *Annual Meeting of the Invasive Animals Cooperative Research Centre, Australia*
- 2010** Invited seminar. *Department of Integrated Biology, University of South Florida, USA*
- 2010** Invited seminar. *Department of Biological Sciences, Auburn University, USA*
- 2010** Poster presentation. *International Congress for Parasitology, Australia*
- 2010** Oral presentation. *Emerging Amphibian Diseases International Conference, Australia*
- 2010** Oral presentation. *Annual Meeting and Review of the Invasive Animals Cooperative Research Centre, Australia*
- 2009** Oral presentation. *School of Biological Sciences, The University of Sydney, Australia*
- 2009** Oral presentation. *Annual Meeting of the Invasive Animals Cooperative Research Centre, Australia*

## **MEDIA EXPOSURE**

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- 2013** Blog: Parasite-swapping between two introduced species: The cane toad strikes again. *SciLogs*
- 2012** Newspaper: Parasites slow up cane toads. *Sunday Mail*
- 2011** Blog: Hooks can be deceiving. *Scientific American*
- 2009** Documentary: Living with cane toads in Northern Australia. *NHK – Tokyo*

- 2008 News website: Biological weapons to control cane toad invasion in Australia. *Science Daily*
- 2007 Newspaper: Worm a chink in the cane toad's armour. *The Sydney Morning Herald*
- 2007 Newspaper: Tiny worm canes toad. *The Daily Telegraph*
- 2007 Newspaper: How to kill a cane toad. *The Daily Telegraph*
- 2007 Newspaper: Worm may prove match for cane toad. *The Brisbane Times*
- 2007 Newspaper: Cane toad killer in the shape of a worm. *Herald Sun*

### **GRANTS, AWARDS, AND SCHOLARSHIPS**

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- 2016 Grant for Research and Exploration, National Geographic Society (\$18, 525)
- 2016 Postdoctoral Fellowship, Smithsonian Tropical Research Institute (\$20, 000)
- 2015-16 George E. Burch Fellowship in Theoretic Medicine and Affiliated Theoretic Science, Smithsonian Institution (\$50, 000)
- 2015 Researcher Exchange Award, Global Invasions Research Coordination Network (\$3, 250)
- 2015 Grant for Tropical Biodiversity Research in French Guiana, Laboratoire d'Excellence, Centre d'étude de la Biodiversité Amazonienne, Programmes Investissement d'Avenir of the French Government (\$7, 200)
- 2015 Postdoctoral Fellowship, Smithsonian Institution (\$30, 000)
- 2013 A. Stanley Rand Fellowship, Smithsonian Tropical Research Institute (\$3, 900)
- 2013 Researcher Exchange, Training, and Travel Award, Australian Society for Parasitology Network (\$950)
- 2013 Researcher Exchange Award, Global Invasions Research Coordination Network (\$4, 500)
- 2013 Accomplishment with Distinction: Epidemics – The Dynamics of Infectious Diseases, The Pennsylvania State University
- 2012 Certificate of Achievement in Research Leadership and Management: The Balanced Scientist Program, The Invasive Animals Cooperative Research Centre
- 2008-12 Postgraduate Award, University of Sydney (\$70, 000)
- 2008-12 Top-up Scholarship, Invasive Animals Cooperative Research Centre (\$38, 500)
- 2011 Chief Executive Officer's Prize for Achievement as a Student in the Invasive Animals Cooperative Research Centre (\$3, 000)

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- 2011 Honorable Mention: Best PhD Student Presentation, Annual Meeting of the Australian Society of Herpetologists
- 2011 Finalist: School of Biological Sciences Postgraduate Excellence Award, The University of Sydney
- 2011 People's Choice Award: Best PhD Student Presentation, Annual Meeting of the Invasive Animals Cooperative Research Centre
- 2011 Graduate Student Grant, Postgraduate Research Support Scheme, The University of Sydney (\$260)
- 2010 Finalist: ANZANG Nature and Landscape Photographer of the Year
- 2010 Researcher Exchange Award, ARC/NHMRC Research Network for Parasitology (\$2, 500)
- 2010 Student Travel Grant, Invasive Animals Cooperative Research Centre (\$2, 000)
- 2010 G. H. S. & I. R. Lightoller Scholarship, The University of Sydney (\$2, 200)
- 2010 Graduate Student Grant, Postgraduate Research Support Scheme, The University of Sydney (\$1, 000)
- 2010 Student Travel Grant, Australian Society for Parasitology (\$590)
- 2010 Student Research Grant, Frog and Tadpole Study Group of NSW (\$800)
- 2009 Student Research Grant, Wildlife Preservation Society of Australia (\$1, 000)
- 2009 Graduate Student Grant, Postgraduate Research Support Scheme, The University of Sydney (\$850)
- 2003-07 Undergraduate Scholarship, The University of Sydney (\$12, 000)

### SHORT COURSES COMPLETED

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- 2013 Epidemics – The Dynamics of Infectious Diseases. *The Pennsylvania State University*
- 2011 Science Writer's Workshop. *The University of Canberra*
- 2010 Adobe Photoshop CS4 Level 2. *The University of Sydney*
- 2010 Risk Management and Biosafety (PC2 Laboratory). *The University of Sydney*
- 2010 Commercialization of Science Bootcamp. *Australian Institute for Commercialization*
- 2010 Emerging Amphibian Diseases – Skills Workshop. *James Cook University*
- 2009 How to get an Australian Research Council grant. *The University of Canberra*

- 2009 Getting the most out of your Digital SLR. *The University of Sydney*
- 2009 Oral Presentation Skills. *The University of Sydney*
- 2009 Planning and Concentration Strategies. *The University of Sydney*
- 2008 Apply First Aid. *St Johns Ambulance Australia*
- 2008 Defensive Driving. *SMART*

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## PROFESSIONAL ACTIVITIES

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➤ **Editorial positions**

- Herpetological Review: Amphibian Natural History: Section Editor (2014-current)

➤ **Journals refereed**

- Acta Ethologica
- Acta Herpetologica (x 2)
- Biological Invasions (x 2)
- Comparative Parasitology (x 3)
- Emerging Infectious Diseases (x 3)
- Evolutionary Ecology
- Frontiers in Ecology and the Environment
- International Journal for Parasitology: Parasites and Wildlife (x 3)
- Journal of Applied Ecology
- Journal of Herpetology
- Journal of Zoology
- Journal of Parasitology (x 2)
- Journal of Pest Science (x 2)
- Herpetologica (x 2)
- Herpetological Conservation Biology
- Molecular Ecology
- Northeastern Naturalist
- Parasitology (x 2)

- Parasitology International (x 2)
- Parasitology Research
- Southeastern Naturalist
- Wildlife Research

➤ **Society memberships**

- Association of Reptilian and Amphibian Veterinarians (2012, 2016-current)
- American Society of Ichthyologists and Herpetologists (2014-current)
- Australian Society of Herpetologists (2007-current)
- Australian Society for Parasitology (2010-current)
- International Reptile Conservation Foundation (2008-2012)
- Invasive Animals Cooperative Research Centre (2008-2012)
- Society for the Study of Amphibians and Reptiles (2014-current)
- Texas Herpetological Society (2014-current)
- Wildlife Disease Association (2010-2013)
- Wildlife Health Australia (2010-current)
- Wildlife Preservation Society of Australia (2009)