

Liana F. Wait

Education

- 2016 –** **Princeton University**, Princeton, NJ, USA
Graduate student, Ecology and Evolutionary Biology
- 2015 – 2016** **Macquarie University**, Sydney, NSW, Australia
Master of Research, Department of Biological Sciences, degree granted July 2016
Thesis - A comparative study of parasites in captive and wild Tasmanian devils
- 2013 – 2014** **University of Adelaide**, Roseworthy, SA, Australia
BSc Honors, School of Animal & Veterinary Sciences, degree granted July 2014
Thesis - *Toxoplasma gondii*: studies into serology and transfection
- 2010 – 2012** **University of Adelaide**, Roseworthy, SA, Australia
BSc (Veterinary Bioscience), School of Animal & Veterinary Sciences, degree granted Dec 2012
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Research Interests

Parasitology, co-infections, wildlife, zoonotic diseases, human-animal interactions and their impact on disease.

Research Experience/Skills

Laboratory Skills

Microscopy, serology (indirect fluorescent antibody testing), PCR, bacterial culture, faecal flotation, cell culture.

Field Experience

Trapping, processing and re-release of raccoons, Tasmanian devils, wallabies, small reptiles and rodents.

Awards and Scholarships

University of Adelaide

- 2013 – 2014** School of Animal and Veterinary Sciences Honors Scholarship
- 2012 – 2013** Summer Research Scholarship, School of Animal and Veterinary Sciences
- 2010 – 2012** Faculty of Sciences Outstanding Academic Achievement Award

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Additional Training

Advanced Course: Concepts in Parasitology. The Australian Society for Parasitology Inc. Kioloa, NSW and Canberra, ACT, Australia. November – December 2014.

Conferences and Publications

Wait, L.F., Fox, S., Peck, S. and Power, M.L., 2017. Molecular characterization of *Cryptosporidium* and *Giardia* from the Tasmanian devil (*Sarcophilus harrisii*). *PloS one*, 12(4), p.e0174994.

Wait, L.F., Peck, S., Fox, S. and Power, M.L., 2016. A review of parasites in the Tasmanian devil (*Sarcophilus harrisii*). *Biodiversity and Conservation*, pp.1-18.

Wait, L.F., Srour, A., Smith, I.G., Cassey, P., Sims, S.K. and McAllister, M.M., 2015. A comparison of antiserum and protein A as secondary reagents to assess *Toxoplasma gondii* antibody titers in cats and spotted hyenas. *The Journal of parasitology*, 101(3), pp.390-392.

Conferences

Wait, L.F., 2017. From Tasmanian Devils to the Immunology of Co-infection. Poster pitch and poster presented at the 21th Annual Woods Hole Immunoparasitology Meeting, Woods Hole, MA, USA.

Wait, L. F., Smith, I., Sims, S. K., & McAllister, M. M. 2014. Seroprevalence of *Toxoplasma gondii* in Captive Spotted Hyaenas using an Indirect Fluorescent Antibody Test with Protein A. Oral presentation and poster presented at the Australian Society for Parasitology, 50th Anniversary Conference, ANU Commons, Canberra, Australia.

Teaching Experience

Princeton University

Assistant in Instruction – EEB327, Immune Systems: From Molecules to Populations, Fall 2017

Assistant in Instruction - EEB211, Life on Earth: Chaos and Clockwork of Biological Design, Fall 2016

University of Adelaide

Practical Demonstrator - Veterinary Anatomy and Physiology, School of Animal & Veterinary Sciences, 2013 - 2014

Practical Demonstrator - Veterinary Parasitology, School of Animal & Veterinary Sciences, 2014
