

HEATHER BROWNING

Curriculum Vitae

Email: drheatherbrowning@gmail.com

Website: www.heatherbrowning.net

Areas of Specialisation: Philosophy of Biology, Philosophy of Science, Animal Ethics

Areas of Competence: Metaphysics, Applied Ethics

Education

- 2014 - 2020 **PhD in Philosophy, Australian National University (ANU)**
Title: If I could talk to the animals: Measuring animal welfare
Supervisory panel: Kim Sterelny (chair), Rachael Brown, Seth Lazar, Clive Phillips (UQ)
- 2009 - 2013 **Bachelor of Arts (Hons – 1st Class), ANU**
Honours thesis title: Behavioural requirements for animal welfare: why ‘desired’ behaviours are better than ‘natural’ behaviours
- 2007 **Grad Cert. in Captive Animal Management, Charles Sturt University**
- 2006 **Certificate in Animal Management (Captive Wild Animals), Unitec NZ**
- 2004 **Diploma of Animal Technology, Canberra Institute of Technology**
- 1999-2001 **Bachelor of Science, ANU**
Major: Zoology

Publications

Articles

- Browning, H. & Veit, W. (2020). Is humane slaughter possible? *Animals*. **10**(5): 799
- Browning, H. (2020). The natural behaviour debate: Two conceptions of animal welfare. *Journal of Applied Animal Welfare Science*. **23**(3): 325-337
- Browning, H. & Maple, T. (2019). Developing a metric of usable space for zoo exhibits. *Frontiers in Psychology*. **10**(791)
- Browning, H. (2019). Won't somebody please think of the mammoths? De-extinction and animal welfare. *Journal of Agricultural and Environmental Ethics*. **31**(6): 785-803
- Browning, H. (2018). No room at the zoo: Management euthanasia and animal welfare. *Journal of Agricultural and Environmental Ethics*. **31**(4): 483-498

Commentaries

- Browning, H. & Veit, W. (2020). Improving invertebrate welfare. *Animal Sentience*. **29**(4)
- Browning, H. (2019). What is good for an octopus? *Animal Sentience*. **26**(7)
- Browning, H. (2019). What should we do about sheep? The role of intelligence in welfare considerations. *Animal Sentience*. **25**(23)
- Browning, H. (2017) Anecdotes can be evidence too. *Animal Sentience*. **16**(13)

Book Reviews

- Browning, H. (2018) Book Review: Zoo Ethics. *Quarterly Review of Biology*. **93**(2): 149

Fellowships and Grants

2019 Early Career Conference Program summer research fellowship participant, Global Priorities Institute, University of Oxford (selected and sponsored participant for 8-week research program)

Awards and Prizes

- 2018 Postgraduate Presentation Prize - Australasian Association of Philosophy (AAP) (for paper “The lion or the lungfish: making intersubjective welfare comparisons”)
- 2018 ANU 3-Minute Thesis Finalist (winner of the College of Arts and Social Sciences final) (video available online at <https://www.youtube.com/watch?v=b4pfuv4bkt8>)

Talks and Presentations

Invited talks

- 2020 – “The natural behaviour debate: Two conceptions of animal welfare” (webinar presented for the Practical Animal Welfare Science online platform)
- 2019 – “Sentience research and welfare science: a promising partnership” (presented at ANZLAA Animal Welfare Symposium at ANU)
- 2019 - “Effective animal welfare” (presented at ANU Effective Altruism event)
- 2018 – “Sentience research and welfare science: A promising partnership” (presented at ANU Animal Sentience: Pushing the Boundaries workshop)
- 2017 – “Making inter-species welfare comparisons” (presented at Philosophy of Biology at Dolphin Beach workshop)

Other

- 2020 – “Developing a metric of usable space for zoo exhibits” (presented online for the EAZA Animal Welfare Forum)
- 2019 – “It’s a fine line between pleasure and pain: comparing positive and negative animal welfare” (presented at the International Society for the History, Philosophy and Social Studies of Biology conference, Oslo)
- 2019 – “Measuring animal suffering” (presented at the 2nd Oxford Workshop on Global Priorities Research)
- 2018 – “If I could talk to the animals” (presented at ANU 3-Minute Thesis final)
- 2018 – “The lion or the lungfish: making intersubjective welfare comparisons” (presented at AAP conference; winner of Postgraduate Presentation Prize)
- 2017 – “Validating scientific indicators of hidden targets” (presented at AAP conference)
- 2017 – “Validating scientific indicators: a robustness approach” (presented at ANU Philosophy Society weekly seminar)
- 2016 – “Won’t somebody please think of the mammoths? De-extinction and animal welfare” (presented at AAP conference)

- 2016 – “Management euthanasia and animal welfare” (presented at Australasian Postgraduate Philosophy Conference)
- 2015 – “Animal welfare is subjective welfare” (presented at the International Society for the History, Philosophy and Social Studies of Biology conference, Montreal)

Selected employment history

2020-2023	Research Officer (Animal Sentience and Welfare), London School of Economics
2018-2020	Welfare Officer, National Zoo and Aquarium
2010-2020	Keeper, National Zoo and Aquarium
2010	Wildlife officer, Tidbinbilla Nature Reserve
2007-2008	Keeper, Taronga Western Plains Zoo
2005-2005	Keeper - primates, Auckland Zoo
2004-2005	Keeper - birds, Adelaide Zoo
2002-2004	Keeper, National Zoo and Aquarium

Teaching experience

2017	Guest lecturer for PHIL2126: Science in Society, on animal research ethics
2015	Co-convenor, lecturer and tutor for PHIL2082: Philosophy of Biology
2015	Tutor for three tutorial groups (60 students) for PHIL1005: Critical Thinking
2015	Tutor for two tutorial groups (40 students) for PHIL1004: Introduction to Philosophy

Teaching training

2016	ANU ‘Principles of Tutoring and Demonstrating’ course
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Professional Service

Conference/workshop organisation

2016	Co-organiser, Australasian Postgraduate Philosophy Conference, ANU
2015	Co-organiser, ANU Graduate Student Conference, Kioloa, Australia
2014	Co-organiser, Sydney-ANU Philosophy of Biology workshop, Bundanoon Australia

Membership of Committees

2019 - 2020	Member, Student Committee, International Society for the History, Philosophy and Social Studies of Biology
2018 - 2020	Member, Human Research Ethics Committee, ANU
2018	Member, Australasian Association of Philosophy Postgraduate Conference Funding Committee
2016	Member, Minorities and Philosophy Committee, ANU Chapter

Reviewer

Biology & Philosophy
 Journal of Applied Animal Welfare Science
 Journal of Applied Philosophy