

Zoë Tierra Rossman

University of New Mexico
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Education

<i>University of New Mexico</i> Doctor of Philosophy in Biology Advisor: Dr. Seth Newsome	August 2019-present
<i>University of California, Davis</i> Bachelor of Science with High Honors Evolution, Ecology, and Biodiversity	2013-2017

Fellowships & Awards

National Science Foundation Graduate Research Fellowship	2019-2024
Evolution & Ecology Departmental Citation (UCD)	2017
Chancellor's Award for Excellence in Undergraduate Research Honorable Mention (UCD)	2017
Provost's Undergraduate Fellowship (UCD)	2016
University Honors Program (UCD)	2013-2017

Publications

Rossman ZT, Padfield C, Young D, and Hart LA (2017). Elephant-Initiated Interactions with Humans: Individual Differences and Specific Preferences in Captive African Elephants (*Loxodonta africana*). *Front. Vet. Sci.* 4:60. doi: [10.3389/fvets.2017.00060](https://doi.org/10.3389/fvets.2017.00060).

Rossman ZT, Hart B, Greco B, Young D, Padfield C, Weidner L, Gates J, and Hart LA (2017). When Yawning Occurs in Elephants. *Front. Vet. Sci.* 4:22. doi: [10.3389/fvets.2017.00022](https://doi.org/10.3389/fvets.2017.00022).

Caro T, Walker H, Rossman Z, Hendrix M, and Stankowich T (2017). Why is the giant panda black and white?. *Behav. Ecol.* arx008. doi: [10.1093/beheco/arx008](https://doi.org/10.1093/beheco/arx008)

Jacobson A, Dhanota J, Godfrey J, Jacobson H, Rossman Z, Stanish A, Walker H, and Riggio J (2015). A novel approach to mapping land conversion: an application to East Africa. *Environmental Modelling & Software* 72:1-9. doi: [10.1016/j.envsoft.2015.06.011](https://doi.org/10.1016/j.envsoft.2015.06.011)

Presentations

Rossman, ZT. "When yawning occurs in elephants." Presented at the UC Davis Undergraduate Research Conference, April 29, 2017 (oral presentation).

Rossman, ZT. "Elephant-initiated interactions with humans: individual differences and specific preferences." Presented at the UC Davis Undergraduate Research Conference, April 9, 2016 (oral presentation) and at the UC Davis Veterinary Medicine Undergraduate Research Symposium, April 15, 2016 (oral presentation).

Professional Experience

Field Assistant, BBC Seven Worlds	2018
Spotted, tracked, and monitored the behavior of several different species of birds and mammals. Recorded audio and 360 video for the production, and was introduced to equipment and techniques used in wildlife videography (long-lens, drone, time-lapse, GoPro).	

Pacific Wildlife Care Center

2018-2019

Assisted in the care and rehabilitation of injured and orphaned wildlife, handled and transported wild animals, prepared and administered medications, and assisted with various medical procedures.

Press Coverage

Selected coverage of *Why is the giant panda black and white?* (Caro et al. 2017)

Science: How pandas got their patches

Time: This Is Why Pandas Are Black and White

Reuters: Scientists finally figure out why pandas are black & white

Forbes: Why Are Giant Pandas Black And White?

Washington Post: Why are pandas black and white? California biologists have a new theory

Full list of coverage available at: <https://oxfordjournals.altmetric.com/details/16898141/news>