

# Mason Fidino

Quantitative Ecologist

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## Education

2013–2017

**Ph.D.**, *Ecology and Evolution*, University of Illinois at Chicago.

Advisors: Joel Brown, Seth Magle, Chris Whelan

2005–2009

**B.S.**, *Environmental Science*, Western Washington University.

Advisor: David Wallin

## Experience

2017

**Quantitative Ecologist**, *Urban Wildlife Institute*, Lincoln Park Zoo, Chicago, IL.

2015–2017

**Ecological Analyst**, *Urban Wildlife Institute*, Lincoln Park Zoo, Chicago, IL.

2014

**Analytics Advisor**, *Urban Wildlife Information Network*.

2012–2015

**Coordinator of Wildlife Management**, *Urban Wildlife Institute*, Lincoln Park Zoo, Chicago, IL.

2011–2012

**Research Intern**, *Urban Wildlife Institute*, Lincoln Park Zoo, Chicago, IL.

2009–2010

**Environmental Technician**, *Environmental Assessment Services*, Richland, WA.

## Publications

**Fidino, M.**, S. W. Herr, and S. B. Magle. Assessing online opinions of wildlife through social media. *Human Dimensions of Wildlife*, pages 1–9, 2018.

**Fidino, M.**, J. L. Simonis, and S. B. Magle. A multi-state dynamic occupancy model to estimate local colonization-extinction rates and patterns of co-occurrence between two or more interacting species. *Methods in Ecology and Evolution*, 0:1–12, 2018.

T. Gallo and **Fidino, M.** Biodiversity: Making wildlife welcome in urban areas. *eLife*, 7:e41348, 2018.

T. Gallo, E. W. Lehrer, **Fidino, M.**, R. J. Kilgour, P. J. Wolff, and S. B. Magle. Need for multiscale planning for conservation of urban bats. *Conservation Biology*, 32(3):638–647, 2018.

L. M. Hopper, C. L. Egelkamp, **Fidino, M.**, and S. R. Ross. An assessment of touchscreens for testing primate food preferences and valuations. *Behavior Research Methods*, pages 1–12, 2018.

S. B. Magle and **Fidino, M.** Long-term declines of a highly interactive urban species. *Biodiversity and Conservation*, 27(14):3693–3706, 2018.

M. H. Murray, R. Fyffe, **Fidino, M.**, K. A. Byers, M. J. Rios, M. P. Mulligan, and S. B. Magle. Public complaints reflect rat relative abundance across diverse urban neighborhoods. *Frontiers in Ecology and Evolution*, 6:189, 2018.

S. T. Saiyed, R. C. Liubicich, **Fidino, M.**, and S. R. Ross. Stillbirth rates across three ape species in accredited american zoos. *American journal of primatology*, page e22870, 2018.

**Fidino, M.** and S. B. Magle. Using fourier series to estimate periodic patterns in dynamic occupancy models. *Ecosphere*, 8(9), 2017.

**Fidino, M.** and S. B. Magle. Trends in long-term urban bird research. In *Ecology and Conservation of Birds in Urban Environments*, pages 161–184. Springer, 2017.

**Fidino, M.** *Urban Wildlife Through Space and Time*. PhD thesis, 2017.

T. Gallo, **Fidino, M.**, E. W. Lehrer, and S. B. Magle. Mammal diversity and metacommunity dynamics in urban green spaces: implications for urban wildlife conservation. *Ecological Applications*, 27(8):2330–2341, 2017.

J. Bender, **Fidino, M.**, K. Limbrick, and S. Magle. Assessing nest success of black-capped chickadees (*poecile atricapillus*) in an urban landscape using artificial cavities. *The Wilson Journal of Ornithology*, 128(2):425–429, 2016.

**Fidino, M.**, E. W. Lehrer, and S. B. Magle. Habitat dynamics of the virginia opossum in a highly urban landscape. *The American Midland Naturalist*, 175(2):155–167, 2016.

S. Magle, E. Lehrer, and **Fidino, M.** Urban mesopredator distribution: examining the relative effects of landscape and socioeconomic factors. *Animal Conservation*, 19(2):163–175, 2016.