

Mason Fidino

Quantitative Ecologist

3554 West Shakespeare Ave.
Chicago, IL 60647

☎ 360-339-3881

☎ 312-742-1670

✉ mfidino@lpzoo.org

in www.linkedin.com/in/mfidino

🐙 www.github.com/mfidino



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

2015–2017 **Ecological Analyst**, *Urban Wildlife Institute*, Lincoln Park Zoo, Chicago, IL.

2014–
Present **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., Herr, S. W., and Magle, S. B. Assessing online opinions of wildlife through social media. *Human Dimensions of Wildlife*, pages 1–9, (2018).

Fidino, M., Simonis, J. L., and Magle, S. B. 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).

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

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

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

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

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

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

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

Fidino, M. and Magle, S. B. 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).

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

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

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