

# Miguel Gómez Llano

Postdoctoral Researcher  
University of Arkansas  
Email: [mgomezllano@gmail.com](mailto:mgomezllano@gmail.com)

## PROFESSIONAL APPOINTMENTS

---

2020 - 2023 Postdoctoral fellow, University of Arkansas

2018 - 2020 Postdoctoral researcher, Lund University

2017 - 2018 Visitor Researcher, Manchester Metropolitan University

## EDUCATION

---

2018 P.h.D. University of Manchester

2013 M.Sc in Ecology. Autonomous University of Madrid

2009 B.Sc in Biology. National Autonomous University of Mexico (UNAM)

## PUBLICATIONS

---

- **Gomez-LLano, M.**, Narasimhan, A., and Svensson, E. (In press). Parasites load reveal condition-dependent sexual selection for local adaptation in the wild. *In review in Am. Nat.*
- Svensson, E., Goedert, D., **Gomez-Llano, M.**, Spagopoulou, F., Nava-Bolaños, A., and Booksmythe, I. 2018. Sex differences in local adaptation: what can we learn from reciprocal transplant experiments? *Phil. Trans. R. Soc. B* 373: 20170420
- **Gomez-Llano, M.**, Bench, H. and Svensson, E. 2018. Ecology relaxes sexual conflict: heterospecific males reduce sexual harassment and increase female survival. *Evolution* 72(4): 906-915
- Svensson, E., **Gomez-Llano, M.**, Bench, H. and Rivas, A. 2018. Frequency dependence opposes ecological drift in spite of niche similarity of interaction species. *The American Naturalist* 191(6): 691-703

- **Gómez-Llano, M.**, Navarro-López, E. & Gilman, T. (2016). The coevolution of sexual imprinting by males and females. *Ecology and Evolution* 6(19): 71131-7125
- Llusia, D., **Gómez, M.**, Penna, M. & Márquez, R. 2013. Call Transmission Efficiency in Native and Invasive Anurans: Competing Hypotheses of Divergence in Acoustic Signals. *PloS ONE*, 8(10): e77312

## BOOK CHAPTERS

---

- **Gomez-LLano, M.** and Velarde, S. *La desarticulación de las políticas ambientales y la ciudadanía: El caso del manglar Tajamar y el Nevado de Toluca*. In: *La ciudadanía y el medio ambiente en México: apuntes críticos para su análisis*. Cháves, R., Particia, R and de la Cueva, H (Coord.). EL Colegio de la Frontera Norte. 360pp

## GRANTS & AWARDS

---

- 2019. British Ecological Society. Travel grant. €550
- 2018. Royal Physiografen Society of Lund. Research funding. €14,368
- 2018. Olle Engqvist Byggmästare Foundation. Postdoctoral scholarship. €52,774 (for 2 years, granted to PI)
- 2013. National Environmental Research Council (NERC, NE/K500859/1). Doctoral training studentship. €56,480 (for 3.5 years, granted to PI)
- 2009. "Dr. Gustavo Baz Prada Award" to the project with more impact on society.

## TEACHING

---

- 2017. Graduate teaching assistant "Field course in Alpine ecology and animal behaviour". The University of Manchester.
- 2015-2017. Graduate teaching assistant "Animal behaviour South Africa field course". The University of Manchester.
- 2016. Graduate teaching assistant "Experimental design module". The University of Manchester.

- 2014-2016. Graduate teaching assistant "Developmental Biology". The University of Manchester.

## WORKING GROUPS

---

2017- European Society for Evolutionary Biology Special Topic Network: Linking Local Adaptation and Sex Differences

## PRESENTATIONS

---

2018. Reproductive interference competition facilitates coexistence of two damselfly species with no niche differentiation. Annual meeting of the Ecology and Evolutionary Department, Lund University. *Talk*

2018. *Drosophila melanogaster* moderate the use of social learning in response to environmental conditions. Talking Evolution, Max Plank Institute for Evolutionary Biology. *Poster*

2017. The effect of intra- and interspecific interactions in sexual harassment and mating success. ESEB 2017. *Talk*

2017. The role of male density and heterospecific competition shaping sexual conflict. Manchester Metropolitan University. *Invited talk*

2016. Ecology relaxes sexual conflict: heterospecific males reduce sexual harassment and increase female survival. British Ecological Society Annual Meeting (BES 2016). *Talk*

2016. Early development experience, biased learning and neophobia in *Drosophila melanogaster*. Evolution in Sweden. *Poster*

2015. Evolutionary Stable Strategies (ESS) in male sexual imprinting. Annual meeting of the Ecology and Evolutionary Department, Lund University. *Talk*

2015. Male, female and mutual sexual imprinting: from fathers to daughters and mothers to sons. Postgraduate research conference, University of Manchester. *Poster*

2015. Male and mutual sexual imprinting: what strategy is the best? ESEB 2015. *Poster*

## UNDERGRADUATE MENTORING

---

2019. Eve Scott. The effect of pre- and postmating sexual selection in adaptation to increasing temperatures. BSc project. The University of Manchester.

2018. Sofie Nilèn. Project: Effects of frequency-dependence in maintaining diversity in coexisting ecological similar species. BSc project. Lund University. Obtained a distinction for the project.

## PROFESSIONAL SERVICE

---

- Grant reviewer. British Ecological Society
- Editor. Proc. R. Soc. B. Preprint Editorial Office
- Foreign language abstract editor. *American Naturalist*
- Reviewer for: *Evolution*, *Proc. Roy. Soc. B*, *Journal of Evolutionary Biology*, *Journal of Animal Ecology*, *OIKOS*, *Ecology and Evolution*.
- Member of the British Ecological Society, the European Society of Evolutionary Biology and The American Naturalist

## COURSES AND WORKSHOPS

---

2018. Using Geiger, Phytools, and other Computational Tools to Study Macroevolution on Phylogenies. Transmitting science
2018. Using phylogenetic trees to study trait evolution and perform comparative analyses. Lund University
2017. Advancing in statistical modeling for evolutionary biologists and ecologists using R. PR Statistics
2016. Statistics and R. Harvardx
2014. Introduction to mathematical modeling for the environmental and biological sciences. University of Stirling
2013. Graduate Teaching Assistant Training. The University of Manchester
2013. Research Computing Using Condor. The University of Manchester.
2013. Programming with MATLA. The University of Manchester.
2013. Introduction to MATLAB. The University of Manchester.
2009. Online Advisor. Universidad Nacional Autónoma de Madrid.

## REFERENCES

---

Tucker Gilman  
The University of Manchester, UK  
[tucker.gilman@manchester.ac.uk](mailto:tucker.gilman@manchester.ac.uk)

Erik Svensson  
Lund University, Sweden  
[erik.svensson@biol.lu.se](mailto:erik.svensson@biol.lu.se)

Adam Siepielski  
University of Arkansas  
[amsiepie@uark.edu](mailto:amsiepie@uark.edu)