

**Mateo D. Garcia Olazabal**

**March 2019**

Ecology and Evolutionary Biology  
Texas A&M University, 3258 TAMU  
College Station, TX 77843-3258

Email: [mateog90@gmail.com](mailto:mateog90@gmail.com)

### **Education**

2016-date Texas A&M University. Doctoral Program in Ecology and Evolutionary Biology  
2013-2015 Universidad de la Republica, Uruguay. Master degree in Ecology. Thesis: Performance and learning during foraging in leaf cutting ants. *Summa cum laude*  
2010-2015 Universidad de la Republica, Uruguay. English Public Translator  
2008-2012 Universidad de la Republica, Uruguay. Bachelor degree in Biology. Senior thesis: *summa cum laude*

### **Scholarships & Grants**

2018 FOTAS Research Grant  
2017-2018 HEEP Graduate Student Fellowship. Hagler Institute. Texas A&M  
2017 Texas A&M EEB Research Grant  
2016-2017 Fulbright PhD Scholarship  
2014-2015 ANII Master Scholarship (declined)  
2014-2015 CSIC Master Scholarship  
2013 ANII Undergraduate Research Scholarship

### **Positions**

2020 Teaching assistant. Texas A&M University  
2016-2017 Teaching assistant. Texas A&M University  
2014-2015 Teaching assistant (merits contest). Universidad de la Republica  
2009-2012 Research assistant. Universidad de la Republica. Population dynamics of Uruguayan pinnipeds

## Publications

Mateos, Du, Klopp, Parrinello, Garcia, Schumer, Jue, Guiguen, Scharl. Draft genome assembly and annotation of the Gila topminnow *Poeciliopsis occidentalis*. *Frontiers in Ecology and Evolution*. 2019

Powell, Garcia, Keegan, Reilly, Du, Díaz-Loyo, Banerjee Blakkan, Reich, Andolfatto, Rosenthal, Scharl, Schumer. Natural hybridization reveals incompatible alleles that cause melanoma in swordtail fish. Preprint on *bioRxiv* doi: <https://doi.org/10.1101/2019.12.12.874586>.

Franco-Trecu V., Drago M., García-Olazábal M. D, Baladán C., Crespo E.A., Cardona L. & Inchausti P. 2015. Post-harvesting population dynamics of the South American sea lion (*Otaria byronia*) in the Southwestern Atlantic. *Marine Mammal Science*, v.: 31 1, p.: 963 - 978.

Franco-Trecu V., García-Olazábal M. D, Tassino B. & Acevedo J. 2015. Parturition process in an amphibian mammal species: new evidences in South American fur seal (*Arctocephalus australis*). *Animal Biology* 66 (2016) 21–29

García-Olazábal M. D, Rocés F, Bollazzi M. Performance determines the decision between cutting and carrying in leaf cutting ants (in prep)

García-Olazábal M. D, Rocés F, Bollazzi M. Learning associated to cutting performance in leaf-cutting ants (in prep)

## Posters and presentations

- |      |   |
|------|---|
| 2020 | Roces, Leberecht, Garcia, Bollazzi. Leaf-cutting ants learn from their efforts: foragers recall olfactory memories to avoid plants they previously experienced as hard to cut. Oral presentation. International Congress of Entomology. Helsinki. |
| 2017 | Garcia, Powell, Rosenthal, Scharl & Schumer. The collapse of assortative mating uncovers a melanoma hybrid incompatibility. Oral presentation. SSE Meeting, Portland, USA   |
| 2017 | Garcia, Schumer, Powell & Rosenthal. Spotted Caudal in Xiphophorus hybrids: is it causing sympatric reproductive isolation? Poster. Ecological Integration Symposium, College Station, USA  |
| 2016 | Garcia, Rocés & Bollazzi. Performance determines division of labor in leaf-cutting ants. Oral presentation. SSE Meeting, Austin, USA  |
| 2016 | Garcia, Rocés & Bollazzi. Learning associated to cutting performance in leaf cutting ants. Poster. SSE Meeting, Austin, USA   |

- 2015 Garcia, Roces & Bollazzi. Foraging strategies in leaf cutting ants: olfactory memory affects cutting decision in *Acromymex lundii*. Oral presentation. Uruguayan Behavior Meeting, Montevideo, Uruguay
- 2014 Garcia, Roces & Bollazzi. Capacity as a determining factor of division of labor in leaf-cutting ants: ants with worn mandibles tend to carry instead of cutting. Uruguayan Society of Biosciences. Piriapolis, Uruguay
- 2014 Artecona, Bergos, Garcia, Martigani & Nube. Learning in dialogue: Future scientists and stakeholders analyze together the state of fisheries in Uruguay. International Marine Conservation Congress. Glasgow, Scotland

### **Outreach & Professional Services**

- 2016-2018 Student Representative on the Graduate Recruiting and Admissions Committee
- 2017 EEB Journal Club Coordinator
- 2016/2017 Jornada de Ciencia. CICHAZ Research Station. Hidalgo, Mexico
- 2017 Super Techno Science Night. Southwood Valley Elementary
- 2015 Designer and leader of "First approach to research" seminar for freshmen Biology Students. Montevideo, Uruguay
- 2014-2016 The life of a Scientist. Freshmen Biology Student Meeting. Montevideo, Uruguay
- 2013 Organized "Fishing in Uruguay: dialogue with the protagonists" workshop. Montevideo, Uruguay.
- 2012-2015 How to prevent the spread of Dengue virus. Public Highschools. Montevideo, Uruguay.

### **Extracurricular activities**

- 2017-2018 Assistant Coach. Texas A&M Rugby
- 2016-2017 Fundraiser Officer and varsity player. Texas A&M Rugby
- 2016 Challenger Rugby Cup. Texas A&M Rugby
- 2010-2015 Old Christian's first division soccer team. Montevideo, Uruguay
- 2010 Professional soccer player. Club Sportivo Cerrito. Montevideo, Uruguay