

Curriculum Vitae

Francisco J. Molina

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Education

Bachelor Degree of Science in Biology

March 2009 – December 2015

National University of Córdoba (UNC), Córdoba, Argentina.

- GPA: 7.93/10
- Thesis: Thermal Ecology of the Freshwater Turtle *Hydromedusa Tectifera* (Testudines: Chelidae) in Córdoba Mountains, Argentina. Advisor: Dr. Gerardo C. Leynaud.

Awards

- Fulbright – Ministry of Education. Fellowship to pursue a Ph.D. degree in the United States. 2017
- Stipend Augmentation Award. Program in Ecology – Academic Affairs. University of Wyoming. (\$5000) 2018

Teaching Experience

- **Teaching Assistant**, National University of Córdoba. August 2017 – July 2018
Population Genetics and Evolution. Department of Physiology.
- **Undergraduate Teaching Assistant**, National University of Córdoba. August 2014 – July 2015
Population Genetics and Evolution. Department of Physiology.
- **Undergraduate Teaching Assistant**, National University of Córdoba. March 2013 – February 2015
Animal Diversity I. Department of Biological Diversity and Ecology.
- **Undergraduate Teaching Assistant**, National University of Córdoba. March 2013 – February 2014
Introduction to Biology. Department of Physiology.

Research Experience

- **Collaborator** April 2017 – Ongoing
Institute of Animal Diversity and Ecology (IDEA), National University of Córdoba (UNC) - National Scientific and Technical Research Council (CONICET).
Project: Defaunation of the Native Mastofauna in the Southern Portion of the Great American Chaco. Córdoba, Argentina.
- **Field Technician** Feb–July 2016 | Jan–April 2017
Institute of Biological and Technological Research (IIBYT - CONICET) - Martin Luther University of Halle-Wittenberg.
Project: Combined effects of altitude, fire and biotic interactions on the regeneration of subtropical mountain forest species in Central Argentina. Córdoba, Argentina.
- **Technician** November 2016
Project Yaguareté - Atlantic Forest Research Center (CeIBA) - Institute of Subtropical Biology (IBS - CONICET)
Project: Survey of big and medium sized mammals of the north of the province of Misiones, Argentina. Puerto Iguazú, Misiones, Argentina.
- **Field Technician** July 2016

Volunteer Experience in Research Projects

- **Biological Station Corrientes - MACNBR (CONICET)** **October 2016**
Dynamics of infectious diseases in wild canids of Northeastern Argentina. Mburucuyá, Corrientes, Argentina.
- **IMIBIO (UNSL – CONICET)** **May 2016**
Micromammals of the Sierra de las Quijadas National Park. Sierra de las Quijadas National Park, San Luis, Argentina.
- **IDEA (UNC – CONICET)** **April 2016**
Survey of diversity of micro-mammals in the Vaquerías Natural Reserve of the National University of Córdoba. Valle Hermoso, Córdoba, Argentina.
- **CeIBA - IBS (CONICET)** **May 2015 - September 2016**
Project Yaguareté.
- **School of Natural Resources and Environment, University of Florida** **November 2015**
Response of pumas (*Puma concolor*) to the migration of guanacos (*Lama guanicoe*) in La Payunia Provincial Reserve, Mendoza. Malargue, Mendoza, Argentina.
- **Ecology and Evolutionary Biology Department, University of Tennessee** **March 2015**
Categorization and effectiveness of protected areas: comparative study of micromammals communities in Strict Natural Reserve, National Park and Nahuel Huapi National Reserve. San Carlos de Bariloche, Rio Negro, Argentina.
- **IDEA (UNC – CONICET)** **February 2015**
Relative importance of local and landscape variables for the amphibians of the Córdoba Mountains in streams invaded by salmonids. Córdoba, Argentina.
- **IDEA (UNC – CONICET)** **May - July 2014**
Effect of the invasion of *Pyracantha angustifolia* on *Turdus chiguanco*: an ecophysiological approach. Córdoba, Argentina.
- **IDEA (UNC – CONICET)** **September 2013**
Thermoregulatory behavior of the lizard *Tupinambis merianae* in relation to sex, reproductive condition and body size. Córdoba, Argentina.
- **UNC - CONICET** **April 2013**
Spatial dynamics of the fire regime in the Sierras Chicas of Córdoba Province. Córdoba, Argentina.

Publications

- Thermoconformity strategy in the freshwater turtle *Hydromedusa tectifera* (Testudines, Chelidae) in its southern distribution area. **Molina, F.J.**, G.C. Leynaud. 2017. Journal of Thermal Biology, 69: 178-183. doi: [10.1016/j.jtherbio.2017.07.008](https://doi.org/10.1016/j.jtherbio.2017.07.008)

Presentations at Scientific Conferences

- **XXI Argentine Meeting of Mammalogists** **October 2018**
New records of mammals for the southern portion of the great American Chaco: *Lama guanicoe*, *Parachoerus wagneri* and *Sylvilagus brasiliensis*.
La Rioja, Argentina.

- **XVI Argentinian Congress of Herpetology** **September 2015**
Thermal ecology of the freshwater turtle *Hydromedusa tectifera* (Chelidae) in Córdoba, Argentina.
San Miguel de Tucumán, Argentina.
- **IX National Conference of Marine Sciences** **September 2015**
Study of intertidal macrobenthic communities of rocky substrate in tidal pools in Playas Doradas, Río Negro, Argentina.
Ushuaia, Argentina.
- **II Workshop of Ecological and Behavioral Physiology: Challenges in a Changing World** **March 2015**
Thermoconformity in the freshwater turtle *Hydromedusa tectifera* (Testudines: Chelidae) in Córdoba mountains, Argentina.
San Carlos de Bariloche, Argentina.

Scientific Conferences Attended

- **XXX Argentine Meeting of Mammalogists** **November 2017**
Bahía Blanca, Buenos Aires, Argentina.
- **XVI Argentinian Congress of Herpetology** **September 2015**
San Miguel de Tucumán, Argentina.
- **XIV National Meeting of Students of Biology and Environmental Sciences** **October 2015**
Jujuy, Argentina.
- **I Argentinian Meeting of Evolutionary Biology** **July 2015**
Valle Hermoso, Argentina.
- **II Workshop of Ecological and Behavioral Physiology: Challenges in a Changing World** **March 2015**
San Carlos de Bariloche, Argentina.
- **XV Argentinian Congress of Herpetology** **October 2014**
Mendoza, Argentina.
- **XII National Meeting of Students of Biology and Environmental Sciences** **October 2013**
Tunuyán, Argentina.
- **X National Meeting of Students of Biology and Environmental Sciences** **October 2011**
La Falda, Argentina.

Additional Coursework

- Identifying conservation priorities for mammals **November 2017**
XXX Argentine Meeting of Mammalogists (JAM), Argentine Society for the Study of Mammals (SAREM).
Bahía Blanca, Buenos Aires, Argentina.
- Workshop "The Puma (*Puma concolor*) in Argentina, learning to live together". **September 2016**
Provincial Museum of Natural Sciences of Cordoba - Pumakawa Nature Reserve.
Córdoba, Córdoba, Argentina.
- Monitoring programs: Tools for its design and application to wildlife. **August 2016**
National University of La Pampa.
Santa Rosa, La Pampa, Argentina.
- Global positioning system (GPS) workshop. **October 2009**
National University of Córdoba.
Córdoba, Córdoba, Argentina.

Languages

- Spanish: Native speaker.
- English: Advanced. TOEFL iBT: 105. May, 2017.

- French: Intermediate.

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