



CURRICULUM VITAE

DR. NICOLÁS RAMOS-LARA



website: www.astate.mx/in/teacher_det?ip=47
Tel: +52 (419) 689-0354, ext. 2086
e-mail: nramoslara@astate.edu

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PERSONAL INFORMATION

Place of birth: Mexico City, Mexico

Marital status: Single

Citizenship: Mexican

CURRENT POSITION

Arkansas State University, Campus Querétaro

Full-time Assistant Professor of Biology

Carretera estatal 100, Km 17.5, Municipio de Colón, Querétaro 76270, México

Research interests: Ecology, behavior and conservation of wildlife

ACADEMIC HISTORY

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|---|------|
| A. Postdoctoral Fellowship | 2015 |
| ➤ Universidad Autónoma de Querétaro, Mexico
Research: Niche segregation between <i>Sciurus aureogaster</i> and <i>S. oculatus</i> in a disturbed forest in central Mexico. | |
| B. Ph.D. in Wildlife and Fisheries Science | 2012 |
| ➤ University of Arizona, USA
Dissertation: Ecology of the endemic Mearns's squirrel (<i>Tamiasciurus mearnsi</i>) in Baja California, Mexico. | |
| C. M.Sc. in Biological Sciences | 2004 |
| ➤ Universidad Nacional Autónoma de México, Mexico
Thesis: Nest-site selection by the tree squirrel <i>Sciurus aureogaster</i> . | |
| D. B.Sc. in Biology | 2000 |
| ➤ Universidad Autónoma Metropolitana, Mexico
Thesis: Ecological and behavioral traits on the survival of wild mammals associated to the dam of Atlangatepec, Tlaxcala. | |

RECENT RESEARCH PROJECTS

Activity patterns and feeding behavior of the Mexican Plateau horned lizard (*Phrynosoma orbiculare*) in a scrubland area. 2016-2018
Universidad Autónoma de Querétaro, Mexico

HONORS AND AWARDS

1. Fellow of the National System of Researchers (SNI, level 1) 2018-Present
2. Fellow of the National System of Researchers (SNI, level C) 2015-2017
3. University Medal for Academic Achievement 1999
Awarded by the Universidad Autónoma Metropolitana for obtaining the highest GPA of my undergraduate generation

TEACHING EXPERIENCE

A. Undergraduate level:

- Arkansas State University, Campus Querétaro
 - Biology of animals Present
 - Biology of animals laboratory Present
 - Biosafety and ethics in research Present
 - Making connections – Biology Present
- Universidad Autónoma de Querétaro
 - Animal physiology 2014-2018
 - Research II 2016-2018
 - Research I 2016-2017
 - Ethology 2015-2016
 - Sensory ecology 2016
 - Herpetology 2016
- University of Arizona, USA
 - (ECOL 182L) Introductory Biology – Ecology & Evolution 2005-2012
 - (MCB 181L) Introductory Biology – Microbiology 2005-2011

B. High school level:

- Colegio St. John's (Campus Mexico City)
 - Introductory Biology 2002-2004

PEER-REVIEWED ARTICLES (Available on ResearchGate)

1. Hale, S. L., V. L. Greer, J. L. Koprowski, & N. Ramos-Lara. 2018. *Microsciurus santanderensis*. Mammalian Species, 50(969):166-169.
2. Ramos-Lara, N. & C.A. López-González. 2017. Niche segregation between *Sciurus aureogaster* and *S. oculatus* in a disturbed forest in central Mexico. Journal of Mammalogy, 98(6):1780-1790.

3. Koprowski, J. L., A. Nieto-Montes de Oca, R. M. Tim, G. H. Palmer, & **N. Ramos-Lara**. 2017. *Sciurus aureogaster*. Mammalian Species, 49(951):81-92.
4. Koprowski, J. L., M. A. Steele, & **N. Ramos-Lara**. 2016. *Tamiasciurus mearnsi*. Mammalian Species, 48(936): 66-72.
5. **Ramos-Lara, N.** & J. L. Koprowski. 2015. Spacing behavior of a non-larder-hoarding *Tamiasciurus*: a study of Mearns's squirrels in xeric coniferous forests. Ethology, 121(2): 196-205.
6. **Ramos-Lara, N.**, J. L. Koprowski, B. Kryštufek, & I. E. Hoffmann. 2014. *Spermophilus citellus*. Mammalian Species, 46(913): 71-87.
7. **Ramos-Lara, N.** & J. L. Koprowski. 2014. Deforestation and knowledge gaps threaten conservation of less charismatic species: status of the arboreal squirrels of Mexico. Mammalia, 78(4): 417-427.
8. **Ramos-Lara, N.**, J. L. Koprowski, & D. Swann. 2013. Nest-site characteristics of the montane endemic Mearns's squirrel (*Tamiasciurus mearnsi*): an obligate cavity-nester? Journal of Mammalogy, 94(1): 50-58.
9. Rosenzweig, M. L., F. Drumlevitch, K. L. Borgmann, A. D. Flesch, S. M. Grajeda, G. Johnson, K. Mackay, K. L. Nicholson, V. Patterson, B. M. Pri-Tal, **N. Ramos-Lara**, & K. P. Serrano. 2012. An ecological telescope to view future terrestrial vertebrate diversity. Evolutionary Ecology Research, 14: 247-268.
10. **Ramos-Lara, N.** & J. L. Koprowski. 2012. Communal nesting behavior in Mearns's squirrels (*Tamiasciurus mearnsi*). The Southwestern Naturalist, 57(2): 195-198.
11. **Ramos-Lara, N.** & F. A. Cervantes. 2011. Ecology of the Mexican red-bellied squirrel (*Sciurus aureogaster*) in Michoacán, Mexico. The Southwestern Naturalist, 56(3): 400-403.
12. **Ramos-Lara, N.** & F. A. Cervantes. 2007. Nest-site selection by the Mexican red-bellied squirrel *Sciurus aureogaster* in Michoacán, Mexico. Journal of Mammalogy, 88(2): 495-501.
13. Koprowski, J. L., **N. Ramos-Lara**, B. S. Pasch, & C. A. Zugmeyer. 2006. Observations on the ecology of the endemic Mearns's squirrel (*Tamiasciurus mearnsi*). The Southwestern Naturalist, 51(3): 426-430.

BOOK CHAPTERS

1. **Ramos-Lara, N.**, M.S. Cruz-Pérez, M.Y. Rodríguez-Pérez, U. Padilla-García, & E.O. Martínez-Luque. 201x. Anfibios y Reptiles. Pp. xx-xx. In: Estudio de Estado sobre la Biodiversidad de Querétaro. SEDESU-Gob.Edo.Qro-CONABIO. *Under Review*.
2. **Ramos-Lara, N.** 2018. Modificaciones en el comportamiento animal como respuesta adaptativa a las perturbaciones humanas: efectos en la comunicación animal. Pp. 355-371. In: Ramírez-Bautista, A. & R. Pineda-López (eds.). Ecología y Conservación de Fauna en Ambientes Antropizados. REFAMA-CONACyT-UAQ. Querétaro. México. ISBN: 978-607-513-347-8.

MANUALS

Ramos-Lara, N., & Y. Gómez-Ortiz. 201x. Técnicas de captura de mamíferos terrestres y arborícolas en áreas urbanas. Pp. XX-XX. *In:* Zuria-Jordan, I. (ed.). Manual de técnicas de captura de fauna en ambientes antropizados. REFAMA-CONACyT. *Under Review.*

Presentations AT SCIENTIFIC MEETINGS

A. National:

1. The 5th National Meeting AICAR on Herpetology 2017
San Miguel de Allende, Guanajuato. Oral Presentation.
2. The 14th National Meeting of Herpetology 2016
Tepic, Nayarit, Mexico. Oral presentation.
3. The 2nd Meeting of Conacyt's Research Network REFAMA 2016
Querétaro, Querétaro, Mexico. Oral presentation.
4. The 12th Meeting of the Mexican Association of Mammalogists (AMMAC) 2014
Puebla, Puebla, Mexico. Oral presentation.

B. International:

1. The 45th Annual Meeting of The Wildlife Society 2012
Phoenix, Arizona, USA. Oral presentation.
2. The 91st Annual Meeting of the American Society of Mammalogists 2011
Portland, Oregon, USA. Oral presentation.
3. The 90th Annual Meeting of the American Society of Mammalogists 2010
Laramie, Wyoming, USA. Oral presentation.
4. The 43rd Annual Meeting of The Wildlife Society 2010
Flagstaff, Arizona, USA. Oral presentation.
5. The 5th International Colloquium on Arboreal Squirrels 2009
Kamloops, British Columbia, Canada. Oral presentation.
6. The Wildlife Society 14th Annual Conference 2007
Tucson, Arizona, USA. Poster presentation.
7. The 40th Annual Meeting of The Wildlife Society 2007
Albuquerque, New Mexico, USA. Oral presentation.
8. The 39th Annual Meeting of The Wildlife Society 2006
Flagstaff, Arizona, USA. Poster presentation.
9. The 3rd International Tree Squirrel Colloquium 2003
Ford Castle, Northumberland, England. Poster presentation.

INVITED TALKS

1. Universidad Autónoma de San Luis Potosí 2015
Faculty of Sciences
San Luis Potosí, Mexico
Talk title: Conservation of "less" charismatic species: the case of the arboreal squirrels.

THESES ADVISED

A. Doctoral student:

- Universidad Autónoma de Querétaro-Arkansas State University, CQ
 - 1. M.Sc. Karen Ahlem Esper-Reyes Present
 - Dissertation: Behavior, physiological stress, and cultural perception in mantled howler monkeys (*Alouatta palliata mexicana*) in four sites with different human interactions. *In Progress*.

B. Undergraduate students:

- Universidad Autónoma de Querétaro-Arkansas State University, CQ
 - 1. Oscar Rubén Hernández-Carrillo Present
 - Thesis: Habitat characteristics used by three phenotypic populations of *Ambystoma velasci* in Querétaro, Mexico. *In Progress*.
- Universidad Autónoma de Querétaro
 - 2. Blanca Samantha Serna-Mora 2017
 - Thesis: Differences in intra- and interspecific behavior in hatchlings of olive ridley and Pacific green turtles. *Thesis defense: August 19, 2017*.

STUDENT MENTORING

A. Master students:

- Universidad Autónoma de Querétaro
 - 1. Committee member for the student Erick Omar Martínez-Luque. UAQ. *Thesis defense: August 10, 2018*. 2018
 - 2. Committee member for the student Iván Sosa-Márquez. UAQ. *Thesis defense: December 15, 2017*. 2017
 - 3. Committee member for the student María Fernanda Cruz-Torres. UAQ. *Thesis defense: February 17, 2016*. 2016
 - 4. Committee member for the student María Rebeca Granja-Fernández. UAQ. *Thesis defense: September 22, 2014*. 2014

B. Undergraduate students:

- Universidad Autónoma de Querétaro
 - 1. Committee member for the student Alexandra Pérez Bravo. UAQ. *Thesis defense: July 7, 2018*. 2018
 - 2. Committee member for the student Nelly Jovana Pastén Castrejón. UAQ-UNAM. *Thesis defense: October 23, 2017*. 2017
 - 3. Committee member for the student Laura Téllez-Ramírez. UAQ-UNAM. *Thesis defense: September 18, 2017*. 2017
 - 4. Committee member for the student Jeanette Marisol Ruiz-Botello. UAQ. *Thesis defense: Mayo 24, 2017*. 2017
 - 5. Committee member for the student Luis Manuel Montoya-Gómez. UAQ. *Thesis defense: February 8, 2017*. 2017
 - 6. Committee member for the student José Alfredo Acosta-Ramírez. UAQ. *Thesis defense: February 7, 2017*. 2017
 - 7. Committee member for the student Tomás Bernardo-Bautista Rodríguez. *Thesis defense: June 20, 2016*. 2016

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| 8. Committee member for the student Hugo Asael Rodríguez-Guadarrama. <i>Thesis defense: May 18, 2016.</i> | 2016 |
| 9. Committee member for the student Valeria G. Agoitia-Fonseca. <i>Thesis defense: November 16, 2015.</i> | 2015 |
| ➤ University of Arizona, USA
- <i>Undergraduate Biology Research Program (UBRP)</i>
The program allows undergraduate students to experience hands-on how research is done. During six months, the student Christopher Schvarcz helped me in the field with my doctoral research, but he also presented the results of a short project at the “18 th Annual Undergraduate Biology Research Conference”. | 2006 |

SOCIAL SERVICE PROGRAMS

Universidad Autónoma de Querétaro

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| 1. Patrones de actividad, alimentación y conservación de la lagartija cornuda de montaña (<i>Phrynosoma orbiculare</i>) en Amealco, Querétaro. Program Number: 1321103
Students: Oscar Rubén Hernández Carrillo & Raúl Alejandro Olvera Carvajal | 2017-2018 |
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SCHOLARSHIPS AND FELLOWSHIPS

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|---|-----------|
| 1. Consejo Nacional de Ciencia y Tecnología (CONACyT)
Fellowship granted for my postdoctoral research position | 2014–2015 |
| 2. Consejo Nacional de Ciencia y Tecnología (CONACyT)
Fellowship granted for my Ph.D. studies | 2004–2008 |
| 3. Wallace Research Foundation
Fellowship granted through the University of Arizona, USA | 2004 |
| 4. Consejo Nacional de Ciencia y Tecnología (CONACyT)
Fellowship granted for my Master studies | 2000–2002 |
| 5. Dirección General de Estudios de Posgrado (DGEP)
Scholarship granted by UNAM for my Master studies | 2000–2002 |
| 6. Secretaría de Desarrollo Social (SEDESOL)
Scholarship granted for my undergraduate studies | 1999 |

FUNDING FOR RESEARCH AND TRAVEL

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| 1. Fondo de Proyectos Especiales de Rectoría (FOPER-2018-00412)
Universidad Autónoma de Querétaro. Amount: \$43,892 pesos | 2018 |
| 2. Student/Faculty Interaction Grant
University of Arizona, USA. Amount: \$500 dollars | 2011 |
| 3. Student Travel Award
American Society of Mammalogists, USA. Amount: \$200 dollars | 2010 |

4. T & E, Inc. 2004
Tucson, Arizona, USA. Amount: \$2,500 dollars

PROFESSIONAL SERVICE

- Consultant for Canon, Inc. for their ads *Wildlife as Canon Sees it – Tamiasciurus mearnsi*
- Reviewer for *The Southwestern Naturalist*
- Reviewer for *The Journal of Ecology and the Natural Environment*
- Reviewer for *The American Midland Naturalist*

MEMBERSHIP TO PROFESSIONAL ORGANIZATIONS AND RESEARCH NETWORKS

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| 1. Founder member of CONACyT's Thematic Research Network: " <i>Biology, Management and Conservation of Wildlife in Altered Environments</i> "
<i>www.refama.org</i> | 2015-Present |
| 2. American Society of Mammalogists, USA | 2005–2017 |
| 3. American Society of Ichthyologists and Herpetologists | 2017 |
| 4. Asociación para la Investigación y Conservación de los Anfibios y Reptiles (AICAR), México | 2017 |
| 5. Southwestern Association of Naturalists, USA | 2005–2017 |
| 6. The Wildlife Society, USA | 2008–2014 |
| 7. Mexican Association of Mammalogists, Mexico | 2014 |

SPECIAL TRAINING

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| 1. Course-Workshop: Strategies in the classroom to optimize teacher's performance
Universidad Autónoma de Querétaro | 2018 |
| 2. Seminar-Workshop: Management of pedagogical knowledge
Universidad Autónoma de Querétaro | 2017 |
| 3. Introduction to ArcView GIS
The University of Arizona, USA | 2005 |
| 4. Work in the Laboratory
Universidad Nacional Autónoma de México (UNAM) | 2003 |
| 5. Chemistry Notions Previous to the Understanding of Biochemistry
Universidad Autónoma Metropolitana | 1994 |

Extracurricular ACTIVITIES

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| 1. Universidad Autónoma de Querétaro
Querétaro, Querétaro, México
I helped prepare students with selected topics on animal physiology to compete in the XXV National Olympiad in Biology. | 2015 |
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| <p>2. University of Arizona
 Tucson, Arizona, USA</p> <p>I coordinated two annual field trips to a <i>The Nature Conservancy's</i> reserve at Ramsey Canyon, Arizona, to teach undergraduate students how to examine nest-site selection by the Arizona gray squirrel (<i>Sciurus arizonensis</i>).</p> | <p>2011-2012</p> |
| <p>3. Field Museum of Natural History
 Chicago, Illinois, USA</p> <p>Curator Assistant. Department of Zoology.
 Responsibilities: I processed specimens for the Museum's fish collection.</p> | <p>1996</p> |

LANGUAGES

- A. Spanish**
- Native language
- B. English**
- I speak, read, write, and understand – Fluently
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| <p>1. Test of English as a Foreign Language (TOEFL)
 Computer-based test: 257 points (= 613 paper-based)
 - Taken at the United States Embassy in Mexico City</p> | <p>2004</p> |
| <p>2. Graduate Record Examination (GRE)
 - Taken at the United States Embassy in Mexico City</p> | <p>2004</p> |
| <p>3. English Language Translation Test
 - Taken at UNAM in Mexico City</p> | <p>2000</p> |