

# Manuel Arturo Quispe Lopez

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San Juan de Miraflores, Lima - Peru

## EDUCATION

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**Universidad Nacional Agraria La Molina (UNALM)**  
*Bachelor of Science, Biology major - Ecology Track*

**Lima, Peru**  
Mar. 2010 – Jul. 2019

**Universidad Nacional Agraria La Molina (UNALM)**  
Specialization in Quality Management and Environmental Auditing

**Lima, Perú**  
Apr. - Oct. 2021

## WORK EXPERIENCE

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### Several Environmental Consulting Firms

*Wildlife specialist in Environmental Consulting*

- Evaluation and monitoring of terrestrial small mammals, medium and large mammals and volant mammals within the framework of Environmental Impact Assessments across most regions and ecosystems of Peru.
- *Data analyst*: Preparation of fauna sections for baseline and biological monitoring reports within the framework of Environmental Impact Assessments. Firms: Atkinsréalis Perú S.A., Klohn Crippen Berger S.A., Walsh Perú S.A., Insizeo S.A.C., among others.

**Peru**  
Dec. 2019 – Present  
Full time

### Centro de Ornitología y Biodiversidad - CORBIDI

*Mammal analyst*

- Conducted mammal survey and data analysis for the biological evaluation of the conservation forest plantation Agua Blanca of Bosques Amazónicos S.A.C.

**Pucallpa, Peru**  
Mar. - Aug. 2021  
Full time

### Natural History Museum of Universidad Nacional Mayor de San Marcos

*Research Intern. Advisor: Dr. Víctor Pacheco*

- Development of databases, species verification, processing, and labeling of mammalogical samples.

**Lima, Peru**  
Jan. - Dec. 2018  
Part time

## SELECTED RESEARCH EXPERIENCE

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### Centro de Ornitología y Biodiversidad - CORBIDI

*Associate researcher in the mammalogy division*

- Planning research projects, publishing scientific articles, obtaining permits and conducting fieldwork.

**Lima, Peru**  
Jun. 2017 - Present  
Part time

*Principal investigator. Advisor: Mg. Javier Barrio*

- Led a survey of 'montane guinea pig' *Cavia tschudii* to study their population size, habitat selection and activity patterns in a coastal wetland

Feb. 2018 – Dec. 2019  
Full time

### Private Conservation Area "Santuario de la Verónica"

*Principal investigator. Advisor: Mg. Javier Barrio*

- Executed a survey of mammals to study their community composition and biological diversity in an inter-Andean valley ecosystem.

**Cusco, Peru**  
Aug. 2023 – Present  
Full time

### Universidad Nacional Agraria La Molina

*Bachelor thesis student. Advisor: Mg. Sc. Liz Castañeda*

- I am currently in the process of writing the thesis manuscript on a survey of bats in three karstic caves in a montane forest to study their community composition and biological diversity.

**San Martin, Peru**  
Apr. 2023 - Present  
Full time

## PUBLICATIONS

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**Quispe-López, M.**; Barreda, S.; Marcelo-Carranza, D.; Mejía. R.; Santana, C. & Ramirez D. (2022). Daily and lunar activity patterns of *Cavia tschudii* (Rodentia) in a tropical coastal wetland. *Mastozoología Neotropical*, 29(1). DOI: doi.org/10.31687/saremMN.22.29.1.11.e0631.

**Quispe-López, M.**; Barreda, S.; Marcelo-Carranza, D.; Pacheco. V.; Aponte, H. & Ramirez D. (2021). Relative abundance and habitat selection of the montane guinea pig *Cavia tschudii* in a wetland at coastal desert with comments on its predators. *Therya*, 12(3), 423-433. DOI: 10.12933/therya-21-1096.

Ramirez D.; **Quispe-López, M.** & Marcelo-Carranza, D. (2019). First report of albinism in the montane guinea pig *Cavia tschudii* (Mammalia: Rodentia). *Revista peruana de biología*, 26(4), 521-524. DOI: 10.15381/rpb.v26i4.17218.

## SELECTED CONFERENCE PRESENTATIONS

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**Quispe-López, M.**; Bonifaz, E.; Barreda, S.; Mena, J. L. (2024). Population size and roost fidelity of *Glossophaga valens* bats into an artificial roost. Oral presentation. IV Latin American and Caribbean Bat Congress. Cusco, Peru.

**Quispe-López, M.**; Barreda, S. (2018). Preliminary assessment of *Cavia tschudii* and Akodon sp. in Fire-Impacted Wetlands at 'Pantanos de Villa', Lima-Peru. Oral presentation. IV Peruvian Congress of Mammalogy. Cusco, Peru.

**Quispe-López, M.**; Barreda, S. (2018). Small Mammal Community in the Palestina cave and surroundings during dry Season, San Martín - Peru. Poster presentation. IV Peruvian Congress of Mammalogy. Cusco, Peru.

## LEADERSHIP AND VOLUNTEERING EXPERIENCE

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**Member** of Bat conservation program of Peru (PCMP-RELCOM).

Feb. 2016. - Present

- Participated in activities of environmental education and bat conservation efforts.

**Head coordinator** of 'Ecología Molinera'. Faculty of Sciences, UNALM.

Sep. 2017 – Aug. 2018

- Organization of research workshops and training courses for students.

**Volunteer** in the Department of Mammalogy at the Natural History Museum of Universidad Nacional Mayor de San Marcos -

Mar. 2017 - Oct. 2019

- Assisted in the maintenance of the largest mammal collection of Peru.

## TEACHING & MENTORSHIP EXPERIENCE

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**Mentor – Introduction to Field Techniques Course.** Ecología Molinera, Faculty of Science, UNALM.

Jan. 2018

- Guidance of new students in mammal sampling field techniques and ecological data analysis.

## HONORS, AWARDS & GRANTS

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**Grant for conservation initiatives** by Peruvian Society for Environmental Law (SPDA).

Mar. 2023

- \$1500 grant to develop a research project on the conservation of mammals at Private Conservation Area 'Santuario de la Verónica', Cusco, Peru.

**Grant for research project by Universidad Científica del Sur.**

Feb. 2019

- \$4000 grant for studying small terrestrial mammal populations in a coastal wetland.

**Award for the best poster presentation by Association of mammologist of Peru.**

Nov. 2018

- 'Javier Ortiz de la Puente' award at the IV Peruvian Congress of Mammalogy, Cusco, Peru.

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**SCIENCE OUTREACH AND COMMUNICATION**

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***Speaker - Workshop on research and tourism of bat diversity in the Palestina Cave.* Municipality of Nueva Cajamarca, San Martin, Peru.**

Nov. 2022

***Speaker - Daily activity patterns of the montane guinea pig (*Cavia tschudii*) in 'Pantanos de Villa' wetland.* SERNANP.**

Aug. 2022

***Speaker – Cave, underground mystery.* Centennial lecture series of Natural History Museum of Universidad Nacional Mayor de San Marcos.**

Oct. 2020

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**SKILLS**

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**Computer skills:** MS Office, R, Kaleidoscope, ArcGIS, QGIS, PAST, Google Earth Pro, Adobe Photoshop.**Additional training:**

- 7 workshops on using Kaleidoscope Pro and Lite (how to use Bat Auto-ID, how to use simple and advanced classifiers, how to perform targeted search, among others). Wildlife Acoustics. Oct. 2024
- Deployment Techniques for Bat Detectors. Titley Scientific. Oct. 2024
- Neotropical Bat Acoustics. RELCOM. Aug. 2024
- Generalized linear models with R. Master X. Jan. 2024
- Course Modeling Fauna-Habitat Relationships in R. INECOL. Jun. – Jul. 2024
- Workshop: Camera Trapping in R – Diversity analysis. Benemérita Universidad Autónoma de Puebla – Master's in Biological Sciences, México. May - Jun. 2021
- Workshop: Camera Trapping in R - Occupancy Models. Benemérita Universidad Autónoma de Puebla – Master's in Biological Sciences, México. Sep. - Oct. 2020
- Introduction to Telemetry and Ecology of Large Mammals. Instituto Nacional de Biodiversidad (INABIO), Ecuador. May 2020
- Programming and data science using R. College of biologist of Peru, Peru. Oct. - Nov. 2019
- Theoretical-practical course: Introduction to Bat Bioacoustics. Center for Sustainable Biodiversity Research (BiOS), Peru. Apr. 2018
- Ecological Niche Modeling: A Tool for Conservation. Association of Mammalogists of Peru Apr. 2018

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**LANGUAGES**

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**Spanish:** Native speaker.**English:** Proficient.