

# Curriculum vitae

Surnames: RINALDI GARCÍA

Names: MARÍA LINA



## Rinaldi García María Lina

### PERSONAL DETAILS - IDENTIFICATION

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- Surnames: **Rinaldi García**
- Names: **María Lina**
- Date and location of birth: **03/21/1997, Bahía Blanca, Buenos Aires**
- Nationality: **Argentina**
- E-mail: [lina.rinaldi@uns.edu.ar](mailto:lina.rinaldi@uns.edu.ar)

### PERSONAL STATEMENT

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My main research interest is the study of conflicts between livestock and carnivores, looking for solutions and ways to intervene to promote a transition towards coexistence between human productive activities and wildlife conservation. I am very interested in the human dimension of wildlife, as the inclusion, collaboration and involvement of producers is the best strategy to address conservation conflicts and establish trusting relationships between groups with different interests. I work especially with "conflict species" such as puma (*Puma concolor*), Geoffroy's cat (*Leopardus geoffroyi*), Pampas cat (*Leopardus colocolo*) Pampas fox (*Lycalopex gymnocercus*) and Wild boar (*Sus scrofa*) in southwestern Buenos Aires province, Argentina. In addition, I work with livestock protection dogs as a mitigation measure for conflicts between carnivores and sheep.

### CYT EXPERTISE

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Behavioral Ecology and Carnivore Ethology. Interviews, workshops and wildlife conflict analysis. Special expertise in camera traps placement, analysis and revision. Experience in telemetry. Experience in the use and analysis of predation mitigation tools such as livestock guarding dogs and Foxlights.

### ACADEMIC BACKGROUND AND STUDIES

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- 2023 – current – **PhD in Biology**, Universidad Nacional del Sur (UNS). Title: "Livestock-predator conflict in southern Buenos Aires: identifying hot spots of conflict and tools that contribute to a sustainable socio-ecological system". Director: Dr. Luengos Vidal, E. M. Start date: November 21, 2023.
- 2015 – 2023 – **Degree in Biological Sciences**, Universidad Nacional del Sur (UNS). Average: 8.27. Title Thesis: "Spatial and temporal dynamics of the Puma (*Puma concolor*) in an area in conflict with cattle ranching: a case study in southern Buenos Aires", September 8, 2022.
- 2009 – 2014 – **Bachelor's Degree in Natural Sciences**, María Auxiliadora Institute, Bahía Blanca. Average: 8.90.

### SCHOLARSHIPS, GRANTS AND AWARDS

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- 2023 – Award to the **best poster** in the postgraduate category presented at the "IV Reunión de Biología del Comportamiento del Cono Sur" (IV RBC 2023). Work

presented: **Rinaldi García, M.L.**, Martínez, S., Caruso N., Lucherini, M., Casanave, E.B. and Luengos Vidal, E.M. (2023) "Puma (*Puma concolor*) activity in an area with livestock protection dog in southwestern Buenos Aires, Argentina". Book of abstracts of the IV Reunión de Biología del Comportamiento del Cono Sur, 2023 p. 66. Facultad de Ciencias Exactas y Naturales de la Universidad de Buenos Aires, Autonomous City of Buenos Aires, August 7-9, 2023.

- 2023 – current – Scholarship of **Iniciación a la Investigación UNS para Egresadas/os**. Title: "Livestock-predator conflict in southwestern Buenos Aires: identifying hot spots of conflict and tools that contribute to a sustainable social-ecological system". Director: Dr. Luengos Vidal, E. M. Start date: May 1, 2023.
- 2022 – 2023 – Grant from **Neotropical Grassland Conservancy: Research Equipment Program**. Title: "Livestock wildlife interactions in the espinal". Financing of 8 camera traps, 8 memory cards and 4 foxlights. Principal Recipient: **Rinaldi García, M. L.** Start date: December 2022.
- 2022 – 2023 – Scholarship of **Estímulo a las Vocaciones Científicas** (Beca EVC-CIN) del Consejo Interuniversitario Nacional (CIN). Title: "Spatial and temporal dynamics of the Puma (*Puma concolor*) in an agricultural livestock area: a case study in southwestern Buenos Aires". Director: Dr. Luengos Vidal, E. M. Co-director: Caruso, N. C. Start date: September 5, 2022.

#### PARTICIPATION IN REASERCH PROJECTS

- 2022 – current – PGI 24/B318 "Wild mammals: conservation and interactions with anthropic activities in diverse environments", 2022-2025. Director: Dr. Casanave, E. B. Co-director: Dr. Luengos Vidal, E. M. Position held: **Student researcher**. Start date: October 1, 2022.

#### PARTICIPATION IN SCIENTIFIC ACTIVITIES (congress and symposiums)

##### Expositor

- 2023 – **Rinaldi García, M.L.**, Martínez, S., Caruso N., Lucherini, M., Casanave, E.B. and Luengos Vidal, E.M. (2023). "Puma (*Puma concolor*) activity in an area with livestock protection dog in southwestern Buenos Aires, Argentina". *IV Reunión de Biología del Comportamiento del Cono Sur* (IV RBC 2023). Book of abstracts of the IV Reunión de Biología del Comportamiento del Cono Sur, 2023 p. 66. Facultad de Ciencias Exactas y Naturales de la Universidad de Buenos Aires, Autonomous City of Buenos Aires, August 7-9, 2023.
- 2021 – **Rinaldi García, M.L.**, Martínez, S., Caruso N., Lucherini, M., Casanave, E.B. and Luengos Vidal, E.M. (2021) "Patterns of spatial and temporal use of *Puma concolor* in an agricultural area of Southern Buenos Aires: preliminary analysis". "*Jornadas Argentinas de Mastozoología Virtuales*". Sociedad Argentina de Mastozoología. Book of abstracts of the Jornadas Argentinas de Mastozoología Virtuales, e-JAM.21 p., November 16-19, 2021.

## PUBLICATIONS

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- 2024 – **Rinaldi García, M.L.**, Martínez, S., Caruso N., Lucherini, M., Casanave, E.B. and Luengos Vidal, E.M. (Under review). “Pumas and livestock guardian dog interactions: a case study from a human-carnivore conflict area of central Argentina”.
- 2023 – **Rinaldi García, M.L.** (2023). “Dinámica espacial y temporal del puma (*Puma concolor*) en un área con conflictos con la ganadería: estudio de caso en el sudoeste bonaerense”. *Mastozoología Neotropical*, 30(1), Mendoza, June 2023.
- 2023 – **Rinaldi García, M.L.** (2023). Coypu (*Myocastor coypus*; page 71), Puma (*Puma concolor*; page 80), Red Deer (*Cervus elaphus*; page 84), Wild Boar (*Sus scrofa*; page 85) and European Hare (*Lepus europaeus*; page 86) files in “Biodiversidad del partido de Suarez”. Ed.: Burela Silvana.

## PARTICIPATION IN COURSES AND SEMINARS

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- 2023 – *Introduction to R*. Dr. Amodeo, M. (Professor). CONICET-UNS, Bahía Blanca, Buenos Aires, Argentina. (Online, 32 hs). December 5 to 15, 2023. Note: 10 (ten).
- 2023 – *Introduction to the Philosophy of Biology*. Dr. González Galli L. (Professor). UNS, Bahía Blanca, Buenos Aires, Argentina. (40 hs). November 14 to 29, 2023. Note: 10 (ten).
- 2023 – *Qualitative Research Techniques (I): In-depth Interviews and Focus Group Discussion*. Dr. Carina Cortassa and Dr. Andrés Wursten (Professors) Centro Redes - Unit Associated to CONICET. (56 hs). October 3 to November 27, 2023. Note: 10 (ten).
- 2023 – *Decision-making and planning for human-fauna coexistence*. Dr. Marchini S. (Professor). CONICET Mendoza. (45 hs). October 2 to 6, 2023. Note: 10 (ten).
- 2023 – *Applied Programming with R*. Dr. González Bonorino G. (Professor). Centro Redes - Unit Associated to CONICET. (96 hs). July 25 to September 5, 2023. Note: 10 (ten).
- 2023 – *Mapping human-wildlife conflict hotspots for sustainable conservation management*. Dr. Calmé S. (Professor). INBIOSUR-UNS, Bahía Blanca, Buenos Aires, Argentina. May 2, 2023.
- 2022 – *The Challenge in Biodiversity and Environment*. Escuela Ambiental GIS. (Online, 20 hs). October 24 to 28, 2022.
- 2022 – *Introduction to QGIS Management*. Dr. Lebinson F. (Professor). Department of Geology, UNS, Bahía Blanca, Buenos Aires, Argentina. (6 hs). July 12 and 14, 2022.
- 2021 – *Invasive Exotic Species. An interdisciplinary view*. CURE (Centro Universitario Regional del Este), Universidad de la República Uruguay. (Online, 25 hs). November 22 to December 3, 2021. Note: 7 (seven).
- 2021 – *Training in CPR and first aid*. Reanimar. Land Plaza Hotel (Saavedra 41), Bahía Blanca, Buenos Aires, Argentina. November 27th, 2021.
- 2021 – *Herpetology, Science and Myths*. Kahal Bajasur - La Paz, Mexico. (Online, 12 hs). November 16 to 19, 2021.

- 2021 – *Toucans and Woodpeckers*. Nardini C. and Bonanno J. J. (Professors). Aves Argentinas. (Online, 7,5 hs). November 16, 18 and 23, 2021.

## SCIENTIFIC OUTREACH

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- 2023 – **designer** – Geoffroy's cat (*Leopardus geoffroyi*) infographic/sign design for Geoffroy's Cat Working Group (GCWG) #slowforfauna campaign. December 15, 2023.
- 2023 – **designer** – Pampas fox (*Lycalopex gymnocercus*) brochure design.
- 2023 – **designer** – Puma (*Puma concolor*) brochure design.
- 2023 – **designer** – Geoffroy's cat (*Leopardus geoffroyi*) brochure design.

## Educational talks

- 2023 – *Wild animals close to our home*. Primary School N°57 Chapalco, Buenos Aires, Argentina; Primary School N°25, Villa del Mar, Buenos Aires, Argentina.
- 2023 – Problems with wildlife and livestock: How can we help? "Mobile Science - INBIOSUR goes to schools" as part of the XXI Semana de la Ciencia y Tecnología, INBIOSUR-CONICET-UNS. Escuela de Agricultura y Ganadería, Bahía Blanca; Escuela Agraria N°1, Bajo Hondo, Buenos Aires, Argentina.
- 2022 – *Conflicts between pumas and humans*. FRAAM, Villa del Mar, Buenos Aires, Argentina.
- 2022 – *Wild animals close to our home*. XX Semana de la Ciencia 2022. INBIOSUR-CONICET-UNS.
- 2022 – "*Spatial and temporal dynamics of the puma (Puma concolor) in an agro-livestock area with conflicts of the species with livestock: a case study in southern Buenos Aires*". *Ciclo de Seminarios de Becarios, Tesistas y Tesinistas 2022*. INBIOSUR-CONICET-UNS.

## INTERNSHIPS

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- 2019 – Collaboration in doctoral thesis: "Characterization and identification of mitigation measures for conflicts between the pampas fox (*Lycalopex gymnocercus*) and sheep ranching in the Southwest of the province of Buenos Aires" by Lic. Martínez S. Project title: "Characterization and identification of mitigation measures for conflicts between livestock activities and wild carnivores in the Southwest of Buenos Aires (PICT-2015-2283). Researcher in charge of the project: Dr. Casanave, E. B. GECM - Group of Behavioral Ecology of Mammals INBIOSUR-UNS-CONICET. Partido de Patagones, Buenos Aires, Argentina. October 4-11, 2019.