

# María Leonor Sandoval Salinas

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## ACADEMIC BACKGROUND AND DEGREES

- 2023. Currently pursuing a **Specialization in University Teaching** (distance modality). National University of La Plata (Universidad Nacional de La Plata, UNLP), Argentina.
- 2019. **Biology Professor**. [National Institute of Teacher Training](#), Argentina.
- 2018. **Teaching Specialist in Education and ICT**. [National Permanent Training Program "Our School"](#), Argentina.
- 2012. **Doctor in Biological Sciences**. National University of Tucumán (Universidad Nacional de Tucumán, UNT), Argentina.
- 2003. **Bachelor of Biological Sciences with a focus on Zoology**. National University of Tucumán (UNT), Argentina.



## CURRENT POSITIONS

2024

- **Adjunct Researcher** at the National Council for Scientific and Technical Research (Consejo Nacional de Investigaciones Científicas y Técnicas, CONICET) at the Institute of Research on Light, Environment, and Vision (Instituto de Investigación en Luz, Ambiente y Visión, ILAV, CONICET-UNT).
- **Associate Editor** of the [Neotropical Mammalogy](#) (**Mastozoología Neotropical**) scientific journal.
- **Assistant Professor** for the subject of Biogeography, National University of Tucumán (UNT).
- **Treasurer** of the **Tucumán Delegation**, Program for the Conservation of Bats in Argentina (Programa de Conservación de los Murciélagos de Argentina, PCMA).
- **Regional delegate** for Tucumán, Argentine Society for the Study of Mammals (Sociedad Argentina para el Estudio de los Mamíferos, SAREM).



## RESEARCH BACKGROUND (last 5 years)

- Fontanarrosa, G, L Zarbá, ..., **ML Sandoval Salinas**, et al. In review. PlosOne.
- Lomáscolo, SB, **ML Sandoval-Salinas**, et al. In press. Forest Ecology and Management.
- Preciado, OU, **ML Sandoval Salinas**, LA Issolio, and PA Barrionuevo. 2023. <http://dx.doi.org/10.7149/OPA.56.2.51150>
- Martínez, JJ, RT Sánchez, **ML Sandoval Salinas**, CG García, RM Barquez, and I Ferro. 2022. <https://doi.org/10.1007/s42991-022-00306-7>
- Barrionuevo, PA, OU Preciado, **ML Sandoval Salinas**, and LA Issolio. 2022. <https://doi.org/10.1016/bs.pbr.2022.04.003>
- **Sandoval Salinas, ML**, MM Díaz, I Ferro, and RM Barquez. 2021. <https://doi.org/10.31687/saremMN.21.28.1.0.12>
- **Sandoval Salinas, ML**, JD Sandoval, and EM Colombo. 2018. <https://doi.org/10.31527/analesafa.2018.inVisionT.11>
- **Sandoval Salinas, ML**, JD Sandoval, EM Colombo, and RM Barquez. 2018. <https://doi.org/10.1186/s13104-018-3544-x>
- First author or co-author in 21 fact sheets and contributor to 3 fact sheets of bat species. Secretariat of Environment and Sustainable Development (Secretaría de Ambiente y Desarrollo Sustentable) - SAREM (eds.). <https://cma.sarem.org.ar/>
- 2023-2026. [PIUNT](#) B701 Project. **Co-director**.
- 2023-2026. [PICT](#)-2021-I-A-00707 Project. Participation as a Research Team member.
- 2022-2024. [PIP](#)-2022-2024-11220210100949CO Project. Participation as a Research Team member.
- 2022-2025. [PICT](#)-2020-SERIEA-02068 Project. Participation as a Research Team member.
- 2021-2024. [PICT](#) 2019-3673 Project. Participation as a **Responsible Group** member.
- 2018-2021. [PIUNT](#) E601 Project. Participation as a Research Team member.
- 2017-2021. [P-UE](#) 22920160100114CO Project. Participation as a Research Team member.
- 2023, August. Experimental work at Dr. Karl Gegenfurtner's Laboratory, Department of Psychology, Justus-Liebig-University (Giessen, Germany).
- Presentation of a total of 40 works at national and international scientific meetings between 2005 and 2023.



## HUMAN RESOURCES TRAINING

- 2023-2024. **Director** of an [EVC-CIN scholarship](#) from the 2022 call.
- 2022-2027: **Co-director** of a doctoral scholarship from the [2021 CONICET call](#) and of the respective doctoral thesis, National University of Tucumán (UNT).
- 2022. **Director** of an academic-scientific internship, Institute of Research on Light, Environment, and Vision (ILAV).
- 2021-2022. **Director** of an [EVC-CIN scholarship](#) from the 2020 call.
- 2015-2017. **Director** of an undergraduate thesis. National University of Tucumán (UNT).

- 2014-2016. **Director** of an academic-scientific internship, Institute of Argentine Biodiversity Research (Instituto de Investigaciones de Biodiversidad Argentina, [PIDBA](#)).
- Supervision of four doctoral theses, National University of Tucumán (UNT).



## EDITING AND EVALUATION OF SCIENTIFIC WORKS AND PROJECTS

- 2013-Present. Associate Editor of the Neotropical Mammalogy (Mastozoología Neotropical) scientific journal.
- 2012-2023. Reviewer for national and international scientific journals ([An Acad Bras Ciênc](#), [Austral Syst Bot](#), [Biol J Linn Soc](#), [CheckList](#), [Front Ecol Evol](#), [Iheringia](#), [Sér Zool](#), [J Vertebr Biol](#), [Mammal Rev](#), [Mammalia](#), [Mastozooolo Neotrop](#), [Notas Mamíferos Sudam](#), [Rev Biol Trop](#), [Rev Mus Argentino Cienc Nat, ns](#)).
- 2023. Evaluator of [Scientific and Technological Research Projects](#) - 2022 by the [I+D+i Agency](#) of Argentina.
- 2021-2023. Member of the Scientific Committee to evaluate abstracts for five national and international scientific meetings.
- 2018. Member of the Evaluation Committees for Student Scholarship applications at the UNT's Research Council ([CIUNT](#)).
- 2020-2022. Member of the Examination Board for a supervised professional practice, two undergraduate theses, and a doctoral thesis. National University of Tucumán (UNT).



## SCIENCE DISSEMINATION

- 2019. Publication by invitation from the Editors of the Atlas of Science, of the abstract available at <https://atlasofscience.org/is-the-color-of-museum-mammal-specimens-an-acceptable-representation-of-the-color-of-live-animals/>.
- 2019. Speaker at the first Soapbox Science event (<http://soapboxscience.org/>) in Argentina.
- 2007-Present. Regular visits to secondary educational institutions in Tucumán, conducting educational and awareness activities about bats as part of PCMA's initiatives.



## INSTITUTIONAL MANAGEMENT

- 2021-Present. Institutional Representative of the Faculty of Natural Sciences and Miguel Lillo Institute, National University of Tucumán (UNT), for compliance with the guidelines of the [Micaela Law](#) and related regulations.
- 2021-Present. Treasurer of the Tucumán Delegation of PCMA.
- 2017-Present. Regional Delegate for Tucumán of SAREM.
- 2023. Participation in coordinating the Working Commission "Cross-cutting gender and diversity perspective in NOA universities" (Axis 1) at the 1st Regional Meeting on Gender, Feminism, and Diversities: "40 Years of Democracy: Women and Dissidences in Universities" held in San Miguel de Tucumán on June 15, 2023.
- 2022. Participation in organizing the first Lilloan Gender and Diversity Conference, held at the Faculty of Natural Sciences and Miguel Lillo Institute, National University of Tucumán (UNT), on November 29, 2022.
- 2022. Editor of the Abstract Book and member of the Organizing Committee of ArgenColor 2022 - 14th Argentine Color Congress.
- 2021. Member of the Organizing Committee of the Third Latin American Vision Science Workshop "InVisionT-III".
- 2021. Participation in organizing the Gender Perspective Training in the Public Sphere, based on Micaela Law N° 27499, conducted by the Secretariat of Women, Genders, and Diversity, for non-teaching staff of the Faculty of Natural Sciences and Miguel Lillo Institute, National University of Tucumán (UNT), during September 2021.
- 2021. Academic Coordinator and Member of the Organizing Committee of the III LEEM Symposium: Light in the Museum and Heritage Care.
- 2018. Member of the Organizing Committee of the II Symposium: Light in the Museum and Heritage Care.
- 2015. Member of the Organizing Committee of the Symposium: Light in the Museum and Heritage Care.
- 2012. Member of the Organizing Committee of the Third National Workshop of Program for the Conservation of Bats in Argentina (PCMA).
- 2007. Member of the Organizing Committee of the XXI Argentine Mastozoology Conference.



## TRAINING AND IMPROVEMENT

- 2021-Present. [SIDIUNT-CONADU Full scholarship](#) for the Specialization in University Teaching, National University of La Plata (UNLP), Argentina.
- 2023. **International Colour Vision Society Grant** for participation in the 2023 ICVS Summer School in Colour Vision, Pembroke College, University of Cambridge, Oxford, United Kingdom.
- 2017. Academic Appointment (Short Term Visitor) as a **Smithsonian Fellow** at the **Smithsonian National Museum of Natural History**, Washington, DC, USA.
- 2013-2016. **Postdoctoral Internal Scholarship** granted by the National Council for Scientific and Technical Research (CONICET), Argentina.
- 2006-2011. **Doctoral Internal Scholarship** granted by the National Council for Scientific and Technical Research (CONICET), Argentina.
- Completion of a total of 576 hours of postgraduate courses between 2013 and 2023.



## TEACHING EXPERIENCE

- 2021. Professor in the course of Colorimetry, Doctorate in Visual Environment and Efficient Lighting, National University of Tucumán (UNT), Argentina.
- 2014-Present. Assistant Professor, National University of Tucumán (UNT), Argentina.
- 2003-2005. Assistant Professor, National University of Tucumán (UNT), Argentina.
- 2002-2003. Student Teaching Assistant, Horco Molle Experimental Reserve, National University of Tucumán (UNT), Argentina.
- 2012-2021. Biology Teacher for the third year at the School of Agriculture and Sacarotecnica, National University of Tucumán (UNT), Argentina.



## AWARDS AND DISTINCTIONS

- 2022. [Ángel Cabrera Award from the Argentine Society for the Study of Mammals \(SAREM\)](#) for the best work published during the year 2021 in the Mastozoología Neotropical scientific journal.
- 2022. Mention for contributions to research and knowledge dissemination. [Secretary of State for Innovation and Technological Development](#), Tucumán, Argentina.
- 2007. Second prize for best works in the poster category at the XXI Argentine Mastozoology Congress.
- 2003. Distinction as the Best Graduate of the Bachelor's Degree in Biological Sciences with a focus on Zoology, academic period 2003, Faculty of Natural Sciences and Miguel Lillo Institute, National University of Tucumán (UNT), Argentina.
- 2002. Second Escort of the National Flag, Faculty of Natural Sciences and Miguel Lillo Institute, National University of Tucumán (UNT), Argentina.



## MEMBERSHIP IN SCIENTIFIC ASSOCIATIONS

- 2021-Present. **Member** of the American Society of Mammalogists ([ASM](#)).
- 2007-Present. **Member** of the Program for the Conservation of Bats in Argentina (Programa de Conservación de los Murciélagos de Argentina, [PCMA](#)).
- 2005-Present. **Member** of the Argentine Society for the Study of Mammals (Sociedad Argentina para el Estudio de los Mamíferos, [SAREM](#)).