Sabrina L. López

Postdoctoral Fellow

- Buenos Aires, Argentina
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About Me

Along my academic career, I have been interested in programming and data analysis. Towards the end of my doctorate, seeking a greater impact on society, I began to get involved in health data and Public Health. Currently, I am particularly interested in the ethical implications of the use of health data, the new technologies available in this domain, and their potential impact on society.

Interests

Data Science - Artificial Intelligence - Public Health - Ethics - Open Science

Skills

R/RStudio - Matlab - Python - Arduino - GitHub - GitLab - Markdown - LaTeX - Office/LibreOffice/OpenOffice - OS: Windows/Ubuntu

Languages

Spanish - English - Portuguese

Experience

Present – Aug/2021 · **Researcher** — Argentinean Public Health Research on Data Science and Artificial Intelligence for Epidemic Prevention (ARPHAI)
- Member of the Responsible Use of Data team.
- Development of free text anonymization algorithm for electronic health records in Spanish.
- Publication of awareness documents on the Responsible Use of Health Data.

Jun/2022 – Jul/2021 · **Consultant** — Ministry of Health of the City of Buenos Aires
- Development of a standardized treatment of requests for health information based on risk assessment.

Jun/2021 – Mar/2019 · **Data Analyst** — Ministry of Health of the City of Buenos Aires
- Development of dashboards, reports and training materials

Jul/2021 – Jun/2013 · **Doctoral fellow** — Sensorimotor Dynamics Lab, National University of Quilmes
- Title: Sensorimotor synchronization. Spatiotemporal perturbations in a paced finger tapping task.
- Mentor: Rodrigo Laje

Mar/2013 – Jun/2011 · **Undergraduate internship** — Dynamical Systems Lab, University of Buenos Aires (UBA)
- Title: Psychoacoustics and anatomy of vocal imitation in humans.
- Mentor: Marcos Trevisan

Education

Year	Degree	Institution
2021	Ph.D. in Biology	UBA
2014	Higher and Secondary Education Biology Professor	UBA
2013	B.Sc. in Biology	UBA

Most relevant courses

Year	Course	Institution
2022	Artificial Intelligence and Health	Innovation and Artificial Intelligence Laboratoty (IALAB), UBA
	Program for Open Science ambassadors	Open Life Science
2021	Data Governance	IALAB, UBA
	Good Clinical Practice	NIDA Clinical Trials Network
2020	Introduction to Health Information Systems	University Institute of Italian Hospital of Buenos Aires
2017	Data Science with R: Advanced Tools in Statistical Analysis	Calculus Institute, UBA

Invited Talks

2022 · Challenges in the secondary use of health data
Artificial Intelligence in Medicine Seminar at Torcuato Di Tella University

Meeting Presentations

2021 · Data science with R with an impact on Public Health: an experience of using tidyverse for pregnancy detection
S. L. López, C. Mengoni Goñalons, M. C. Nanton and M. Rodríguez Tablado at LatinR 2021

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Fellowships

2021-2024	Postdoctoral Fellowship	National Scientific and Technical Research Council - Argentina (CONICET)
	Mentors: Laura Ación and Laura Alonso Alemany	
2014-2019	Doctoral Fellowship	CONICET
	Mentor: Rodrigo Laje	
2010-2013	Undergraduate Scholarship	School of Sciences, UBA
	Sadosky Scholarship	
2009-2010	Undergraduate Scholarship	UBA
	Sarmiento Scholarship	

Publications

2022 Filling the gap in distribution ranges and conservation status in *Ctenomys* (Rodentia: Ctenomyidae). Caraballo, D. A., López, S. L., Botero-Cañola, S., y Gardner, S. L. *Journal of Mammalogy*, in press.

2021 Conservation status, protected area coverage of *Ctenomys* (Rodentia, Ctenomyidae) species and molecular identification of a population in a national park. Caraballo, D. A., López, S. L., Carmarán, A. A., y Rossi, M. S. *Mammalian Biology*, vol. 100 p. 33.

2019 Spatiotemporal perturbations in paced finger tapping suggest a common mechanism for the processing of time errors. López, S. L., y Laje, R. *Scientific Reports*, vol. 9, p. 1. B.

2013 Vocal caricatures reveal signatures of speaker identity. López S. L.; Riera, P.; Assaneo, MF.; Eguía, M.; Sigman, M. y Trevisan, M. *Scientific Reports*, vol. 3, p. 3407.