



LEONARDO PINTO ARATA

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EDUCATION

Ph.D. Psychology Aix-Marseille Université	Oct. 2021 – Dec. 2024 Marseille, France
<ul style="list-style-type: none">• Thesis: The acquisition of multiword sequences in language processing• Advisers: Arnaud Rey and Carlos Ramisch	
MSc. Neuropsychology Aix-Marseille Université	Sept. 2018 – July 2020 Aix-en-Provence, France
<ul style="list-style-type: none">• Adviser: Arnaud Rey	
BSc. Psychology Université Rennes 2	Sept. 2017 – July 2018 Rennes, France
BSc. Psychology Universidad Diego Portales	March 2015 – Dec. 2016 Santiago, Chile

ACADEMIC EXPERIENCE

Post-doctoral Fellow Centre for Research in Cognition & Neurosciences, ULB	Jan. 2026 – Ongoing Brussels, Belgium
Lecturer Centre de Recherche en Psychologie et Neurosciences, CNRS	Oct. 2024 – August 2025 Marseille, France
Research Assistant Laboratoire de Psychologie Cognitive, CNRS	Oct. 2020 – July 2021 Marseille, France
<ul style="list-style-type: none">• Designed and programmed 6 experimental studies• Worked in data collection, coding, and statistical analyses	
Research Internship Laboratoire de Psychologie Cognitive, CNRS	Sept. 2019 – July 2020 Marseille, France
<ul style="list-style-type: none">• Carried out 3 experimental studies• Worked in data collection, coding, and statistical analyses	
Research Internship Laboratoire de Psychologie Cognitive, CNRS	Sept. 2018 – July 2019 Marseille, France
<ul style="list-style-type: none">• Carried out the data collection and the statistical analyses of an experimental study	
Research Internship Laboratoire de Psychologie, Cognition, Comportement, Communication, EA 1285	Dec. 2017 – June 2018 Rennes, France

PUBLICATIONS

Pinto Arata, L., Ramisch, C., & Rey, A. (Under review). The lifetime of sequential memory traces.
<https://osf.io/w5sre>.

Ordóñez Magro, L., **Pinto Arata, L.**, Fagot, J., Grainger, J., & Rey, A. (2025). The lifetime of sequential memory traces in the absence of language. *Cognitive Science*, 49(8), e70095.
<https://doi.org/10.1111/cogs.70095>

Pinto Arata, L., Ordonez Magro, L., Ramisch, C., Grainger, J., & Rey, A. (2024). The dynamics of multiword sequence extraction. *Quarterly Journal of Experimental Psychology*, 77(12), 2439–2462. <https://doi.org/10.1177/17470218241228548>

Pinto Arata, L., Tosatto, L., & Rey, A. (2024). Chunking mechanisms in language and other domains. *L'Année psychologique*, 124(3), 375–408. <https://doi.org/10.3917/anpsy1.243.0375>.

CONFERENCE PRESENTATIONS

Pinto Arata, L., Ordonez Magro, L., Fagot, J., Grainger, J., & Rey, A. (2025, September). *The lifetime of sequential memory traces in the absence of language*. Poster, European Society For Cognitive Psychology, Sheffield, UK.

Rey, A., **Pinto Arata, L.,** Helal, Y., & Ramisch, C. (2024, November). *The effect of repetition spacing on the development of multiword memory traces*. Talk, The Psychonomic Society's 65th Annual Meeting, New York, USA.

Pinto Arata, L., Ramisch, C., & Rey, A. (2024, June). *The effect of repetition spacing in multiword sequence learning*. Blitz talk and Poster, the Conference on Interdisciplinary Advances in Statistical Learning, San Sebastian, Spain.

Pinto Arata, L., Ramisch, C., & Rey, A. (2024, May). *The effect of repetition spacing in incidental sequence learning*. Talk, 11th Implicit Learning Seminar, Marseille, France.

Pinto Arata, L., Ordonez Magro, L., Ramisch, C., Grainger, J., & Rey, A. (2022, June). *The dynamics of multiword sequence extraction*. Poster, the Conference on Interdisciplinary Advances in Statistical Learning, San Sebastian, Spain.

Pinto Arata, L., Ordonez Magro, L., Ramisch, C., Grainger, J., & Rey, A. (2022, May). *The implicit encoding of multiword sequences*. Talk, 9th Implicit Learning Seminar, Graz, Austria.

HONORS AND AWARDS

Post-doctoral grant (2 years)	2026 - 2027
Granted by the Fyssen Foundation – 90 000 €	
Adviser: Arnaud Destrebecqz	

PhD fellowship	2021 - 2024
Granted by the French Ministry of Higher Education and Research: Inter-ED Fellowship	

Small project grant	2022
Granted by the ILCB: Associative learning of multiword units – 1 500 €	

LECTURES AND COURSES

Cognitive Psychology (BSc. 1st year)	96 hours
Aix-Marseille Université	Marseille, France
Research Methods and Statistics (BSc. 2nd year)	116 hours
Aix-Marseille Université	Marseille, France
Statistics for psychologists (BSc. 3rd year)	24 hours
Aix-Marseille Université	Marseille, France
Psychology of Aging (BSc. 3rd year)	108 hours
Aix-Marseille Université	Marseille, France

MASTER THESIS GUIDANCE (AS A CO-ADVISOR)

Clémentine Casoli – 2nd year BSc. Psychology	2024 – 2025
Voluntary research internship	Marseille, France
Pauline Reuzé – 1st year Msc Cognitive Science	2023 – 2024
“Learning dynamics of long multiword sequences”	Marseille, France

Chloé Ferrer – 2nd year Msc Neuropsychology "Chunking of complex graphemes in the cognitive reading system"	2022 – 2023 Marseille, France
Chloé Ferrer – 1st Msc Neuropsychology "Are complex graphemes treated as perceptual units by the adult cognitive system?"	2021 – 2022 Marseille, France

AD HOC REVIEWER

Journal of Memory and Language
L'Année psychologique
Psychological Research

RESPONSIBILITIES AND COMMITMENTS

PhD representative at Centre de Recherche en Psychologie et Neurosciences Aix-Marseille Université	2024 - 2025 Marseille, France
PhD representative at Laboratoire de Psychologie Cognitive Aix-Marseille Université	2021 - 2023 Marseille, France
PhD representative at Ecole Doctorale Cognition, Langage, Education Aix-Marseille Université	2023 - 2024 Aix-en-Provence, France

ORGANISATION OF SCIENTIFIC EVENTS

Co-organiser of the 11th Implicit Learning Seminar Aix-Marseille Université Link: https://sites.google.com/view/ils11/about	May, 2024 Marseille, France
Co-organiser of the LPC doctoral scientific retreat Aix-Marseille Université	June, 2023 Marseille, France

SKILLS

Programming and software tools: R, Python, E-Prime, Labvanced
Data analysis: R (Mixed Effects Models, Multivariate Analyses), SPSS, JASP

LANGUAGES

Mother tongue: Spanish
Fluent: French, English