



# LEONARDO PINTO ARATA

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## EDUCATION

### Ph.D. Psychology

Aix-Marseille Université

Oct. 2021 – Dec. 2024

Marseille, France

- 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

- 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

- 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

- 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

- 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

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

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

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

## LECTURES AND COURSES

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

## MASTER THESIS GUIDANCE (AS A CO-ADVISOR)

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

**Chloé Ferrer – 2<sup>nd</sup> year Msc Neuropsychology**

“Chunking of complex graphemes in the cognitive reading system”

2022 – 2023

Marseille, France

**Chloé Ferrer – 1<sup>st</sup> Msc Neuropsychology**

“Are complex graphemes treated as perceptual units by the adult cognitive system?”

2021 – 2022

Marseille, France

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#### AD HOC REVIEWER

**Cognitive Science**

**Developmental Science**

**Journal of Memory and Language**

**L'Année psychologique**

**Psychological Research**

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#### 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

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#### 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

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#### SKILLS

**Programming and software tools:** R, Python, E-Prime, Labvanced

**Data analysis:** R (Mixed Effects Models, Multivariate Analyses), SPSS, JASP

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#### LANGUAGES

**Mother tongue:** Spanish

**Fluent:** French, English