



**Unitat de Cognició i Cervell**  
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# Gisela Pi-Casaus

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I am a Psychology graduate with a keen interest in cognitive science. I am currently researching in the field of language acquisition as part of a PhD program at the Pompeu Fabra University. I have a strong inclination in the study of infants' cognitive development, as a means to understanding the core mechanisms underlying human cognitive capacities. I am a member of both the SAP (Speech Acquisition and Processing) and the RICO (Reasoning and Infant Cognition) research groups.

## Education

- **2010-present:** PhD Program in Biomedicine at the Cognition and Brain Unit, Pompeu Fabra University. PhD research project on *"What bilingualism reveals about the process of phonetics' acquisition and word learning"*. Thesis supervisors: Full Prof. Núria Sebastián-Gallés and Prof. Luca Bonatti.
- **2009-2010:** MA degree in Language and Cognitive Science, Barcelona University.
- **2008-2009:** MA degree in Clinical Psychotherapy, Girona University.
- **2002-2007:** Bachelor's degree in Psychology, Barcelona University.

## Grants

- **2009-2012:** Project grant *"Speech Perception: Not only what but also who and how"*. Cognition and Brain Unit, Pompeu Fabra University. PI: Núria Sebastián-Gallés.

## Research experience

- **2011-2012:** *"Phonetics for Word Extraction: A statistical account"* research project. Cognition and Brain Unit, Pompeu Fabra University. PI: Núria Sebastián-Gallés & Luca Bonatti.
- **2010-2012:** *"Learning two grammars: 7-month-old bilinguals"* research project. Laboratoire Psychologie de la Perception CNRS-Paris Descartes and SAP, Cognition and Brain Unit, Pompeu Fabra University. PI: Judit Gervain and Núria Sebastián-Gallés. Role: Research Assistant.
- **2009-2011:** *"Phonetic Representation in Bilingual infants"* research project. Cognition and Brain Unit, Pompeu Fabra University. PI: Núria Sebastián-Gallés & Luca Bonatti.
- **2009-2010:** Master thesis *"The role of perceptual narrowing in language acquisition"* under the tutition of Núria Sebastián-Gallés & Luca Bonatti, Pompeu Fabra University.
- **2009-2010:** *"Probability and early logical understanding"* research project. RICO, Cognition and Brain Unit, Pompeu Fabra University. PI: Luca Bonatti. Role: Research Assistant.
- **2006-2007:** Undergraduate research assistant for the Audition and Language Lab, Department of Basic Psychology, Barcelona University. PI: Laura Bosch.

## Conferences

- **2009-2012:** Project grant “*Speech Perception: Not only what but also who and how*”. Cognition and Brain Unit, Pompeu Fabra University. PI: Núria Sebastián-Gallés.
- **June 2010:** Annual Workshop of Cognitive Science and Language.
- **December 2010:** McDonnell Workshop on Infant Methods: The Final Frontier.
- **June 2011:** Annual Workshop of Cognitive Science and Language.
- **October 2009-December 2011:** Bilingualism and Cognitive Neuroscience Seminar Series (BRAINGLOT) by the Consolider-Ingenio research consortium.

## Research Knowledge

- Experiment design and programming.
- Acquisition and data analysis of behavioural experiments with infants.
- Acquisition and data analysis of behavioural experiments with adults.

## Computer Skills

- **Programming and Data Acquisition:** PsyScope, PsyCode.
- **Data analysis:** SPSS, Excel, DataDesk, Numbers.
- **Others:** Amadeus, Mbrola, Praat, BBEedit, KeyNote, iMovie.

## Languages

- **Spanish:** Mother tongue.
- **Catalan:** Mother tongue.
- **English:** Fluent. *Cambridge Proficiency Examination* (2008) by the School of Modern Languages, Universitat de Barcelona.
- **Portuguese:** Fluent.