Laura Díaz-Muñoz Manzanares

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# **About me**

Hello! My name is Laura and I recently finished a [Master’s Degree in Cognitive Neuroscience of Language at BCBL](https://www.bcbl.eu/en/study-with-us/masters-cognitive-neuroscience-language#:~:text=The%20duration%20of%20the%20program,language%20of%20instruction%20is%20English.) (Spain). Currently, I am highly motivated to pursue a Ph.D. position in the field of infant development with a particular interest in understanding the developmental mechanisms and neurocognitive changes that foster the successful development of reading skills. Moreover, I aspire to apply this knowledge to clinical and educational practice. Through my research, I aim to contribute to the development of evidence-based interventions for promoting reading abilities in children.

Principio del formulario

Final del formulario

# **Education**

## M.S. in [Cognitive Neuroscience of Language](https://www.bcbl.eu/en/study-with-us/masters-cognitive-neuroscience-language#:~:text=The%20duration%20of%20the%20program,language%20of%20instruction%20is%20English.) 2021 - 2022

Basque Center on Cognition, Brain and Language [(BCBL)](https://www.bcbl.eu/en) San Sebastián, Spain

* Thesis: [“Behavioral](https://minajevtovic.github.io/PhD_thesis/) adaptation to the temporal organization of speech: Implications for phonological and reading abilities”
* Grade: 8.60/10
* Advisors: [Dr Jose Pérez-Navarro a](https://www.bcbl.eu/es/jose-j-perez-navarro)nd [Dr Marie Lallier](https://www.bcbl.eu/en/conocenos/equipo/marie-lallier)

[**Course: Complete neural signal processing and analysis**](https://www.udemy.com/course/solved-challenges-ants/?utm_source=adwords&utm_medium=udemyads&utm_campaign=DataAnalysis_v.PROF_la.EN_cc.ROW_ti.5328&utm_content=deal4584&utm_term=_._ag_79708703014_._ad_535397279985_._kw__._de_c_._dm__._pl__._ti_dsa-774930032089_._li_9047059_._pd__._&matchtype=&gclid=Cj0KCQjwpPKiBhDvARIsACn-gzClznthDVaEw62fsNELJE4HIdWAuVxZQCBzxt3nw6ZFU_W-XqoFrPMaApjcEALw_wcB)Currently

Udemy Online

* Signal processing (MATLAB)
* Statistics (non-parametric)
* Spectral analysis application
* Time series data analysis

[**Course: The Complete Python Bootcamp**](https://www.udemy.com/course/complete-python-bootcamp/) 2022-2023

Udemy Online

* Python Object and Data Structure
* Python Comparison Operators
* Python Statements
* Methods and Functions

**M.A. in Spanish and English as a Second Language/Foreign Language** 2018 - 2019

University of Alicante Alicante, Spain

**B.A. in Translation and Interpretation** 2013 - 2018

University of Alicante Alicante, Spain

# **Experience**

## Basque Center of Brain and Language (BCBL) 2022

Student Research Assistant San Sebastián, Spain

* Group: Educational Neuroscience and Developmental Disorders
* Project: “Behavioral adaptation to the temporal organization of speech:

Implications for phonological and reading abilities”

## Basque Center of Brain and Language (BCBL) 2022

Organizer at the Workshop on Infant Language Development (WILD) San Sebastián, Spain

**Basque Center of Brain and Language (BCBL)** 2022

Organizer at the International Conference on Interdisciplinary Advances in San Sebastián, Spain

Statistical Learning

## Hogeschool Utrecht 2020

Professor of Spanish (Internship) Utrecht, Netherlands

# **Research Experience**

**Basque Center of Brain and Language (BCBL)** 2022

* Research project: “Behavioral adaptation to the temporal organization of San Sebastián, Spain

speech: Implications for phonological and reading abilities”

In the proposed project, we tested whether cortical tracking of speech can benefit from speech-specific temporal regularities to improve over time, a phenomenon called perceptual anchoring. Given that perceptual anchoring has been found to be impaired in dyslexic individuals, we also explored reading abilities and related them to individual differences in the abovementioned neurocognitive mechanisms of perceptual anchoring.

My core tasks in this project were:

◦ Collecting and preprocessing behavioral data and assisting in MEG data collection.  
◦ Modelling the data into growth models to help answer our research's main questions.

◦ Writing the manuscript and presenting the findings to scientific audiences.

# **Language Skills**

**Spanish**

Native

**English**

C1 Advanced (CAE)

**Italian**

B1

**Dutch**

Beginner

# **Referees**

[**Marie Lallier**](https://www.bcbl.eu/es/conocenos/equipo/marie-lallier)

-Email: [m.lallier@bcbl.eu](mailto:m.lallier@bcbl.eu)

-Leader of the group: “Educational Neuroscience and Developmental Disorders” and my thesis´s supervisor

[**Jose Pérez-Navarro**](https://www.bcbl.eu/es/jose-j-perez-navarro)

-Email: [josejpereznavarro@gmail.com](mailto:josejpereznavarro@gmail.com)

-Postdoc at BCBL and my thesis´s supervisor