



Laura Díaz-Muñoz Manzanares

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ABOUT ME

Hello! My name is Laura and I have recently obtained a Master's Degree in Cognitive Neuroscience of Language at BCBL. Currently, I am highly motivated to pursue a Ph.D. position in the field of neurocognition of language processing, in particular bilingualism. I am especially interested in exploring the mechanisms that optimize second language learning.

WORK EXPERIENCE

Student assistant (internship)

Basque Center of Brain and Language (BCBL) [2022]

City: San Sebastián

Country: Spain

During the development of my master's thesis: "Behavioral adaptation to the temporal organization of speech: Implications for phonological and reading abilities" one of my main tasks was to collect and preprocess the behavioral data at the laboratories of BCBL, as well as, assist in the collection of the MEG data.

Volunteer at the Workshop on Infant Language Development (WILD)

BCBL (Basque Center on Cognition, Brain and Language) [2022]

City: San Sebastián

Country: Spain

Volunteer at the International Conference on Interdisciplinary Advances in Statistical Learning

[2022]

City: San Sebastián

Country: Spain

Professor of Spanish (Internship)

Hogeschool Utrecht [2020]

Country: Netherlands

- Teaching assistant for the courses "Lengua 2C" and "Lengua 1C" (focusing on Spanish grammar, syntax, and linguistics).
- Spanish professor for A1 students at the Minor of Spanish.

Professor of Spanish (Internship)

Charles University and Instituto Cervantes [2019]

Address: Prague (Czechia)

- Teaching Spanish to students from the degree programs Hispanic Philology and Translation and Interpretation
- Spanish teacher assistant at the Instituto Cervantes

EDUCATION AND TRAINING

Master's degree in Cognitive neuroscience of language

University of Basque Country/ Basque Center of Brain and Language [2021 - 2022]

Final grade : 8.45/10

Thesis: Behavioral adaptation to the temporal organization of speech: Implications for phonological and reading abilities

Course: 100 Days of Code: The Complete Python Pro Bootcamp for 2022

Udemy [Current]

Course: Complete neural signal processing and analysis: Zero to hero

Udemy [Current]

<https://www.udemy.com/course/solved-challenges-ants/>

This course focuses on signal processing and statistics using brain electrical data with expert instruction and code challenges in MATLAB.

Course: Neuroscience and Psychology: Electroencephalography (EEG)

Udemy [2022]

<https://www.udemy.com/course/electroencephalography/>

Master's degree in Teaching Spanish as a Second language/foreign language

University of Alicante [2018 - 2019]

Address: Alicante (Spain)

Final grade : 9.15/10

Erasmus

University of Turku [2015 - 2016]

Address: Turku (Finland)

Bachelor of Arts Degree in Translation and interpretation

University of Alicante [2013 - 2018]

Address: Alicante (Spain)

RESEARCH EXPERIENCE

Research project "Behavioral adaptation to the temporal organization of speech: Implications for phonological and reading abilities"

[2021 - 2022]

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 are:

- Collecting and preprocessing behavioral data and assist in the collection of MEG data.
- Modelling the data into growth models to help answering the main questions of our research.
- Learning how to link the behavioral data into a comprehensive framework.

LANGUAGE SKILLS

Spanish

Mother tongue

English

C1

Italian

B1