

Abimael Hernandez Jimenez

Philadelphia, PA

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<https://abimaelh.github.io>

Education

University of California, Irvine (2020)

B.A. in Language Science & Psychology

Academic Employment

Lab Manager, Language Learning Lab, University of Pennsylvania (2020)

PIs: [John Trueswell](#) & [Lila Gleitman](#)

Research Experience

Research Assistant, Bilingualism, Mind, and Brain Lab, UC Irvine (2019–2020)

PI: [Judith F. Kroll](#)

Completed skills training for electroencephalography (EEG) techniques, pre-processed EEG data, and analyzed data from a verbal fluency task to measure language proficiency in bilingual participants.

Research Assistant, The Meaning Lab, UC Irvine (2019–*present*)

PI: [Gregory Scontras](#)

Conducted research on scope ambiguity in speakers of English, Spanish, and Mandarin. Designed and implemented web-based behavioral experiments, collected and analyzed data.

Research Fellow, Language Sciences Research Lab, The Ohio State University (2019)

PI: [Laura Wagner](#)

Selected from a pool of U.S. applicant to complete a two-month research internship in Columbus, Ohio. Recruited over 30 4-6 year old children in order to investigate how they process grammatical markers to understand the passage of time, as well as how this type of language comprehension is related to their general cognitive abilities.

Research Fellow, Summer Academic Enrichment Program, UC Irvine (2018)

PI: [Teresa Neighbors](#)

Formulated and presented an individual research project on factors impacting English learners' performance on standardized exams. Completed coursework in Research Methods, Communications, and Statistics.

Conference Proceedings

Song, Yongjia, Abimael Hernandez Jimenez, and Gregory Scontras. 2021. Cross-linguistic scope ambiguity: An investigation of English, Spanish, and Mandarin. *Proceedings of the Linguistic Society of America* 6, 572-586. [\[Paper\]](#)

Conference Presentations

Cross-linguistic scope-ambiguity: An investigation of English, Spanish, and Mandarin. Song, Yongjia, Abimael Hernandez Jimenez, and Gregory Scontras. 2021. Poster presented at the 95th Annual Meeting of the Linguistic Society of America. [\[Poster\]](#)

A cross-linguistic investigation of QUD effects on scope-ambiguity resolution. Yongjia Song, Abimael Hernandez Jimenez, and Gregory Scontras. 2020. Poster presented at the 26th Architectures and Mechanisms for Language Processing Conference (AMLaP). [\[Poster\]](#)

Inhibitory control and aspect comprehension in children. Abimael Hernandez Jimenez, Lamar McMillan, Laura Wagner, Rachael Frush Holt, and Andrew Blank. 2019. Poster presented at the Summer Research Opportunities Program (SROP) Symposium. The Ohio State University. [\[Poster\]](#)

Invited Presentations

Scope ambiguity in Spanish and Mandarin. Quantitative Language Collective, UC Irvine, 02/26/2020

Grants, honors & awards

Undergraduate Research Opportunities Program Fellow, UC Irvine (Winter 2020)
Awarded \$500

Student Initiated Project Excellence Grant, UC Irvine (2018)
Awarded \$1,800

Service Learning Award, MiraCosta College (2017)

Service

Program Coordinator, Robert Heideman Elementary School (2019)
Directed an after school chess program for 20 eight-year-old children.

Safety Coordinator, Border Angels (2018)
Led more than 50 volunteers on a hike through the Jacumba Wilderness Desert to drop life-saving supplies for immigrant families. Equipped volunteers with additional water, electrolytes, and first aid kits.

Skills

Languages: Native proficiency in English and Spanish
Programming: JavaScript, Python, R
Experimental Software: EEGLAB