Leonardo A. Gu´edez

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# Education

**Michigan State University** East Lansing, MI, USA

*Ph.D. in Applied Linguistics and Second Language Studies May 2026 (Expected)*

**Northern Arizona University (as Fulbright scholar)** Flagstaff, AZ, USA

*M.A. in Teaching English as a Second Language (TESL)* *2020*

*(Applied Linguistics concentration, with distinction)*

**Universidad Sim´on Bol´ıvar** Caracas, Venezuela

*M.A. in Applied Linguistics* *2017*

**Universidad Pedag´ogica Experimental Libertador** Maracay, Venezuela

*B.A. in English Language Teaching (Magna Cum Laude)* *2013*

# Research Experience

**Michigan State University** East Lansing, Michigan, USA

*Research Associate/Ph.D. Candidate Jun 2020* ***–*** *Present*

* Leading doctoral research on Spanish language acquisition using Natural Language Processing and advanced statistical techniques (Bayesian modeling, mixed-effects regression) to analyze 90+ learner dialogues, focusing on self-repair mechanisms and corrective feedback in computer-mediated communication.
* Developed and managed multiple research projects including the Multilingual Repository of Applied Linguistics (MuRAL), conducted corpus-based studies on Spanish language features, and contributed to publications in computer-assisted language learning.
* Implemented diverse technical tools including Python, R, Git, and corpus linguistics methods for data collection, cleaning, and analysis across various research projects, resulting in multiple manuscripts for peer-reviewed journals.

**Northern Arizona University** Flagstaff, AZ, USA

*Project Research Assistant Jan 2019* ***–*** *May 2020*

* Conducted detailed speech and fluency analyses within a research project, transcribing and evaluating spoken language samples to assess language proficiency patterns.
* Applied rigorous methodologies to analyze speech metrics and synthesize complex data into coherent reports on language proficiency characteristics.
* Collaborated with research team to ensure accurate data collection and analysis, contributing to broader understanding of speech dynamics in language development.

# Teaching Experience

**Michigan State University** East Lansing, Michigan, USA

*Undergraduate Instructor Aug 2022* ***–*** *Present*

* Design and teach undergraduate courses in Language Teaching Methods, Pedagogical Grammar, and Spanish language, developing comprehensive curriculum aligned with state standards and assessment frameworks for 75+ students per semester.
* Create differentiated instruction materials integrating SLA theories and linguistic principles across three course types, implementing communicative and interactive approaches to enhance student engagement and language acquisition.
* Provide targeted feedback and error analysis strategies to build technical competency in both language proficiency and teaching methodologies, preparing future educators to address diverse learner populations.

# Awards

**College of Arts and Letters Summer Support Fellowship (2023):** A $4,500.00 fellowship dedicated to the revision, approval, and journal submission of my qualifying research paper.

**Fulbright Foreign Student Scholarship:** Two-year fully funded Fulbright scholarship for an M.A. in TESL at Northern Arizona University.

# Skills

**Programming Languages:** R/RStudio, Python, Go, Bash, SQL

**Software & Analytical Techniques:** Emacs, (Neo)Vim, CLI (Command Line Interface) programming, Git, High-Performance Cluster Computing, Quarto, Natural Language Processing, Mixed-Effects Logistic and Poisson Regression, Multivariate (Frequentist and Bayesian) Statistical Modeling

**Spoken Languages:** Spanish (Native), English (Academic/Nativelike)

# Relevant Coursework

Advanced Statistics for Computational Linguistics I-II, Applied Machine Learning, High-Performance Computing and Terminal scripting, Computational Linguistics, Quantitative Research Methods, Qualitative Analysis in Ethnographic Research, Psycholinguistics I-II, Meta-analytic Methods in Applied Linguistics, Applied Educational Technology