

Leonardo A. Guédez

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EDUCATION

Michigan State University

Ph.D. in Applied Linguistics and Second Language Studies

East Lansing, MI, USA

May 2026 (Expected)

Northern Arizona University (as Fulbright scholar)

M.A. in Teaching English as a Second Language (TESL)
(Applied Linguistics concentration, with distinction)

Flagstaff, AZ, USA

2020

Universidad Simón Bolívar

M.A. in Applied Linguistics

Caracas, Venezuela

2017

Universidad Pedagógica Experimental Libertador

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

Maracay, Venezuela

2013

RESEARCH EXPERIENCE

Michigan State University

Research Associate/Ph.D. Candidate

East Lansing, Michigan, USA

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

Project Research Assistant

Flagstaff, AZ, USA

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.

WORK EXPERIENCE

Michigan State University

Undergraduate Instructor

East Lansing, Michigan, USA

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