

Briana C. Rodriguez

Tampa, FL | bcrodriguez@usf.edu | <https://www.linkedin.com/in/briana-cristal-rodriguez>

PROFESSIONAL SUMMARY

B.R.I.A.N.A - Bridge-building Researcher Integrating Audiology and Aging Sciences

Driven to apply experiences in audiology and aging sciences to the navigation of public health issues pertaining to age-related hearing loss, student mentorship, and patient advocacy.

EDUCATION

UNIVERSITY OF SOUTH FLORIDA, Tampa, FL

Doctor of Audiology

May 2024

Clinical Placement Environments: ENT, VA, Private practice, NICU

Professional development: Oticon U '22 Attendee, Phonak U '23 Attendee, Starkey U '24 Attendee

Research Specialty Coursework: Critical Analysis & Critical Synthesis in C.S.D., Seminar in Grant Writing, Seminar in Computational Methods (MATLAB), Statistical Analysis I & II

Honors: Florida Education Fund McKnight Doctoral Fellow

Bachelor of Arts, Communication Sciences and Disorders

May 2019

Honors: Honor's College Distinction, King O' Neal Scholar, Florida Academic Scholar, USF Director's Award Recipient, Marine Corp Scholarship Recipient

Bachelor of Science, Aging Sciences

May 2019

Relevant Coursework: Program Evaluation in an Aging Society; Research Methods in Aging; Health, Ethnicity, & Aging; Psychology of Aging; Physical Changes & Aging

RESEARCH EXPERIENCE

Research Assistant, Auditory Behavioral Research Lab, Tampa, FL

Jan 2018-Present

Principle Investigator: Robert A. Lutfi

- Co-author peer-reviewed journal article publications.
- Present posters at national and local conferences, adapting to appropriately address respective audiences.
- Develop written project protocols to ensure consistency in data collection among lab members.
- Mentor onboarding undergraduate and graduate research assistants to facilitate a cooperative dynamic.
- Manage experimental recruitment, scheduling, record keeping, and data analysis.

Research Assistant, Auditory Rehab & Clinical Trials Lab, Tampa, FL

Aug 2017-Dec2017

Principle Co-Investigators: Michelle Arnold and Victoria Sanchez

- Introduced to the integration of clinical reasoning and scientific methodology involved in public health investigations through exposure to aspects of the ACHIEVE study.
- Observed execution of protocols for clinical trials.
- Contributed to the translation of Spanish Hearing Loss Toolkit for Self-Management.

VOLUNTEER EXPERIENCE

Volunteer, Hillsborough County Aging Services, Lutz, FL

May 2017 - Jun 2019

- Initiated a novel approach to track the use of meal and transportation services by our regular clients to maintain county funding.
- Secured speakers and donations for events aimed to improve senior social engagement and education.
- Promoted to Aging Studies Student Intern in Spring of 2019.

Volunteer, James A. Haley Veterans' Hospital, Tampa, FL

Jul 2017 - Oct 2018

- Trained Junior Volunteers in position duties and responsibilities.
- Facilitated hearing aid orientations through preparation of hundreds of educational materials.
- Offered companionship and regulatory guidance to community living center residents.

LEADERSHIP AND CAMPUS INVOLVEMENT EXPERIENCE

Co-Leader, U.S.F. McKnight Doctoral Fellows Support Group, Tampa, FL

May 2023-May 2024

- Organized educational events for graduate students to share and discuss topics relevant for successful

navigation of graduate school as members of historically underrepresented demographics.

President, Service to Mankind (SERTOMA) Collegiate Club, Tampa, FL **May 2020-May2022**

- Supported local community impacted by hearing loss through education, philanthropy, and service.
- Promoted after one year of involvement as historian and two years of involvement as vice president.

Accessibility Subcommittee Member, USF Student Gov. Diversity Council **May 2020-May 2021**

- Developed strategic initiatives to build on existing strengths, identify areas for university growth, and integrate diversity management into USF through education, policies, practices, and cultural change.

President, Minority Students in Comm. Sci. & Dis., Tampa FL **May 2018- May 2019**

- Elevated historically underrepresented students to pursue a career in the fields of audiology and speech-language pathology through mentorship, education, and student engagement.
- Continued involvement for three years as financial officer and graduate student representative.

PUBLICATIONS

- Lutfi, R.A., Pastore, T., **Rodriguez, B.**, Lee, J. and Yost, W.A. (2022). "Molecular analysis of individual differences in talker search at the cocktail party The Journal of the Acoustical Society of America 152 (3), 1804-1813, doi: 10.1121/10.0014116
- Lutfi, R. A., **Rodriguez, B.**, & Lee, J. (2021). The listener effect in multitalker speech segregation and talker identification. Trends in Hearing, 25. doi:10.1177/23312165211051886
- **Rodriguez, B.**, Lee, J., & Lutfi, R. (2021). Additivity of segregation cues in simulated cocktail-party listening. The Journal of the Acoustical Society of America, 149, 82-86. <https://doi.org/10.1121/10.0002991>
- Lutfi, R. A., **Rodriguez, B.**, Lee, J., & Pastore, T. (2020). A test of model classes accounting for individual differences in the cocktail-party effect. The Journal of the Acoustical Society of America, 148, 4014-4024. <https://doi.org/10.1121/10.0002961>
- **Rodriguez, B.**, Lee, J., & Lutfi, R. (2019). Synergy of spectral and spatial segregation cues in simulated cocktail party listening. Proceedings of Meetings on Acoustics, 36, 050005. <https://doi.org/10.1121/2.0001092>

PRESENTATIONS

- **Rodriguez, B.**, Kummerer, L., Lee, J., Lutfi, R. (2024, February). Multi-talker speech segregation based on covariation of voicing cues. [Poster presentation]. Spring 2024 Meeting of the American Acoustical Society
- **Rodriguez, B.** Lee, J., & Lutfi, R. (2022, February). Talker Identification Based on Covariance in Voicing Cues [Poster presentation]. Association for Research in Otolaryngology Virtual Mid-Winter Conference 2022.
- **Rodriguez, B** (2021, March). The Effect of the Listener vs the Effect of Experimental Factors in Talker Segregation Tasks. University of South Florida Audiology Doctoral Project Research Day, Tampa, Florida.
- **Rodriguez, B.** Lee, J., & Lutfi, R. (2019, May). Synergy of spectral and spatial segregation cues in simulated cocktail party listening [Poster presentation]. Spring 2019 Meeting of the Acoustical Society of America (ASA), Louisville, Kentucky.
- **Rodriguez, B.**, Daulton L., Cooper, M., Gordie, K. (2018, May) Relative Weights on Spectral and Spatial Cues in a Cocktail Party Listening Task. [Poster presentation]. Spring 2018 USF Undergraduate Research Conference

TEACHING EXPERIENCE

Instructor of Record, USF Undergraduate Introduction to Hearing Disorders	May 2024- Present
Instructor of Record, USF Post-Baccalaureate Introduction to Hearing Disorders	Jan 2024- May 2024
Guest Lecturer, USF Undergraduate Introduction to Hearing Sciences	Aug 2023-Dec 2023

HONORS/ AWARDS

ASHA Audiology/Hearing Science Research Travel Award	Oct 2023
Association for Research in Otolaryngology Travel Award	Feb 2022