

RUBEN A. SANCHEZ

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EDUCATION

2015	B.A. Linguistics	University of California, Santa Cruz
2015	B.S. Cognitive Science	University of California, Santa Cruz

PUBLICATION

2019 Zyzik, E.C., & **Sanchez, R.A.** (2019). Beyond accuracy: Heritage speakers' performance on two kinds of acceptability judgment tasks. *Applied Psycholinguistics*, 40(3), 645-671.
<http://doi.org/10.1017/S0142716418000760>

AWARDS

2021	Macquarie Group Scholarship
2015	UCSC Scholarship
2012 to 2014	Undergraduate Dean's Award

RESEARCH ACADEMIA

2017 to 2018	Data Analyst - Bilingualism Research Lab	University of California, Santa Cruz
	Responsible for conducting data pre-processing, coding, quality control, exploratory analysis, inferential analysis, data visualizations, and completing written reports.	
2016	Annotator - Natural Language & Dialogue Systems	University of California, Santa Cruz
	Annotated social media content for computational modeling via language entrainment and narrative summarizations.	
2013 to 2014	Research Assistant - Cognitive Science Department	University of California, Santa Cruz
	Coded acoustic data with Praat and video data with After Effects for a linguistic phonetic study.	
2012	Research Assistant - Linguistics Department	University of California, Santa Cruz
	Developed, implemented, and completed a phonological study. Designed and prepared stimuli, scheduled and ran participants, as well as analyzed and reported data.	

RESEARCH INDUSTRY

2008 to 2009	Technical Assistant - Global Research & Development	Pfizer
	Performed health observations on various species such as mice, rats, guinea pigs and rabbits.	
2007	Animal Technician - Immunology	The Scripps Research Institute
	Examined and monitored mice colonies for health concerns. Learned intra-cardiac punctures, malocclusion treatments, orbital bleeds, peritoneal injections, and tumor measurements.	
2001 to 2006	Acting Coordinator - Forensic Toxicology	Quest Diagnostics
	Communicated detailed clinical information such as lab results and procedural instructions to English speaking and Spanish speaking medical staff. Served as safety officer and provided ergonomic assessments. Trained new hires. Led focus groups. As a member of the management team resolved complex issues escalated from junior and senior staff.	

TEACHING EXPERIENCE

- 2020 Academic Success Mentor
Served as advisor for student at risk of losing residency due to failed coursework.
- Guided student through studying best practices.
 - Developed a strategy plan for completing assignments.
 - Advised on stress coping mechanisms and directed to resources.
 - Student successfully completed the quarter and graduated.
- 2018 to 2019 Private Tutor
Tutored college students in mathematics.

LEADERSHIP & SERVICE

- 2018 to 2019 Volunteer - English composition tutor for international students.
2013 to 2014 Community Liaison Officer - Undergraduate Research Science Association
2012 Founder & President - Spanish Languages & Spanish Cultures Club
2011 Co-founder - Volunteer based community outreach writing tutoring service.

SUMMARY OF QUALIFICATIONS

- Expertise Cognitive research, neurolinguistics, phonetic psycholinguistics, data visualization, web development, illustration, and 2D animation.
- Research Interests Interested in investigating the neural circuitry responsible for the assignment of semantic coding onto phonetic units perceived as linguistically relevant.
Also interested in multimodal communicative strategies for human computer interaction.
- Programming Python, R, SQL, HTML, CSS, JavaScript, GIT, CLI, bash, L^AT_EX, markdown
Research E-Prime, SuperLab, Praat, Audacity, ELAN, SPSS, Mendeley, Zotero
Design Photoshop, Illustrator, After Effects, Figma, Invision, Blender
Leadership Project Management, Team Building, Issue Resolution
Languages English, Italian, Spanish, learning Japanese

CURRENT PROJECTS

- 2022 Web Based Interactive 3D Brain Model
Teaching myself advanced 3D modeling methods for developing an interactive model of the human brain which displays areas currently known to be pertinent to the perception and production of sounds relevant to language.
- Completed design of graphical user interface.
 - Completed engineering of information architecture.
 - Completed development of shell infrastructure.
 - Conducting formal literature review for content incorporation.