

# Ruben Alfredo Sanchez

## Researcher Linguistics & Neuroscience

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“Passion, Innovation, Results”

### Research

Research interests involve integrating phonetic perception methodologies with brain imaging technologies such as fMRI and MEG in order to investigate neuronal circuitry in multilinguals.

### Education

B.A. Linguistics	University of California, Santa Cruz
B.S. Cognitive Science	University of California, Santa Cruz
A.S. Physics	San Diego Mesa College
A.S. Mathematics	San Diego Mesa College

### Academic Research

#### Research Assistant

University of California, Santa Cruz  
2013 to 2014

Cognitive Science Department

Coded acoustic data with Praat and video data with After Effects for a phonological study.

#### Research Assistant

University of California, Davis  
Internship Summer 2012

Center for Mind & Brain

For a hippocampus study administered Stanford Binet Intelligence Tests, recruited families, coded data, and assisted with fMRI preparations.

#### Researcher

University of California, Santa Cruz  
Independent Study Spring 2012

Linguistics Department

Developed, implemented, and completed a controlled phonological study. Designed and prepared stimuli, scheduled and ran participants, as well as analyzed and reported data.

### Study Design

E Prime  
Praat  
Python  
R  
LaTeX  
Linux CLI

### Literature Search

Colwiz  
Mendeley  
Qiqqa  
Zotero

### Proficiency

English  
French  
Italian  
Japanese  
Spanish

### Web Design

HTML5  
CSS3  
JavaScript

### Animation

After Effects  
Blender  
Flash  
Illustrator

Comfortably, competently, and cheerfully  
performing the following:

Experimental Design  
Data Visualization  
Procedural Training



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you can visit my website to learn more

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### Honors

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Dean's Scholarship, UCSC

2014

### Teaching Experience

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Tutor / Mentor

Foothill College, Los Altos Hills  
2011

Pass The Torch Program

Tutored and developed long term collaborations with students while coaching them on productive study habits and critical writing techniques.

Tutor

Foothill College, Los Altos Hills  
2011

Volunteer

When the English department closed the writing lab due to budget cuts, I collaborated with the English as a Second Language Club in order to provide free tutoring services to ESL students. I functioned as the first tutor and helped implement the ESL Club writing assistance outreach program.

Tutor

Independent  
2010 to 2011

Provided tutoring services to students and adults on academic subjects such as English, French, Algebra, and Calculus.

### Professional Experience

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Technical Assistant

Pfizer

Jan 2008 to Jun 2009

Global Research & Development La Jolla, CA

Performed health observations on a variety of species within the Comparative Medicine Department. Managed and updated the department website.

Animal Technician

The Scripps Research Institute

Feb 2007 to Aug 2007

Immunology La Jolla, CA

Examined and monitored health concerns. Learned malocclusion treatments, orbital bleeds, peritoneal injections, intra-cardiac punctures, and tumor measurements.