

Ruben Alfredo Sanchez

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Professional Info

My knowledgebase stems from a diagnostic laboratory background which branched out to clinical and comparative medicine research. My research interests are in signal cell transduction, working memory, and language acquisition including an extreme fondness for phonetic analysis.

Education

Bachelor of Science Cognitive Science & *Bachelor of Arts Linguistics*
University of California, Santa Cruz
June 2015

Associate of Science Physics & *Associate of Science Mathematics*
San Diego Mesa College, San Diego
June 2011

Honors

Dean's Scholarship UCSC

Academic Research

Research Assistant
University of California, Santa Cruz Cognitive Science Department
2013 to 2014
Coded acoustic data with Praat and video data with After Effects for various linguistic studies.

Research Assistant
University of California, Davis Center for Mind & Brain
Summer 2012
Through a summer internship administered Stanford Binet Intelligence Tests, recruited families, coded data, and assisted with fMRI preparations.

Researcher
University of California, Santa Cruz Linguistics Department
Spring 2012
Under an independent study mentorship developed, implemented, and completed a controlled phonological study.

Laboratory Skills

Cell Differentiation
Cell Sub-Culture
Specimen Processing
NMR
PCR
Gel Electrophoresis

Programming & Software

Operating System:

Android
iOS
Linux
MacOS
Windows

Productivity:

Access
Excel
OneNote
PowerPoint
Word

Research Based:

Chimera
ColWiz
ePrime
Mendeley
Praat
PyMol
Qiqqa

Web Design & Animation:

After Effects
Blender
Flash
Illustrator

Teaching Experience

Tutor / Mentor
 Foothill College, Los Altos Hills Pass The Torch Program
 2011
 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 Volunteer
 2011
 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

Technical Assistant
 Pfizer La Jolla, CA Global Research & Development
 Jan 2008 to Jun 2009
 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 La Jolla, CA Immunology
 Feb 2007 to Aug 2007
 Examined and monitored health concerns. Learned malocclusion treatments, orbital bleeds, peritoneal injections, intra-cardiac punctures, and tumor measurements.

Leadership Roles

Speaker Series Coordinator	Undergraduate Research Science Association	UCSC	2014
Student Guest Speaker	OLA Commencement Celebration	Foothill College	2011
Organization Board of Directors Rep.	ESL Club & LHM Club	Foothill College	2011
President	Spanish Languages & Spanish Cultures Club	Foothill College	2011
Community Liaison	Latino Heritage Month Committee	Foothill College	2011
Member	International Night Organization Committee	Foothill College	2011
Member	Vietnamese Culture Committee	Foothill College	2011

Professional Affiliations

Cognitive Science Society
 Linguistic Society of America
 Unione Matematica Italiana
 Real Academia de Ciencias

Certifications

C.P.R.
 For the professional rescuer
 American Red Cross

fMRI Safety
 Dynamic Memory Lab
 University of California, Davis

Natural Languages

English
 Italian
 Spanish
 French

Programming Languages

HTML 5
 CSS 3
 JavaScript
 Python
 R
 LaTeX