



**Richard
Campusano
Jr.**

Research

Clinical Neuroscience
Behavioral Biology
Neurofeedback Systems
Disease Research

Richard.campusano1@gmail.com
(650)455-3053

389 Acacia Ave
San Bruno, CA 94066

EDUCATION

Bachelors of Science, Neuroscience

University of California, Santa Cruz (June 2013)

Associate of Arts, Liberal Studies

College of San Mateo (June 2011)

PROFESSIONAL EXPERIENCE

Staff Research Associate I, Neurology UCSF, Neuroscape Center

PI: Adam Gazzaley M.D., Ph. D

Supervisor: Jyoti Mishra, Ph. D; David Zeigler, Ph. D

2015-Current

Engaged in research and development of state-of-the-art cognitive training technologies for attention and meditation based tasks, with the goal of producing novel therapeutic protocols to overcome related deficits in ADHD and other cognitive impairments.

- EEG, MRI data acquisition
- EEG, MRI data analysis
- MATLAB scripting
- Back-end systems manager
- Control room operations supervisor

Assistant Mechanic, John's Auto Center

2013-2015

Independently owned vehicle repair shop.

- Repaired and maintained motor vehicles
- Developed aptitude for working with machines and mechanical/electrical hardware
- Practiced diagnostic problem solving on various vehicle systems

Undergraduate Research Assistant, Psychophysics Lab UCSC

PI: Bruce Bridgeman, Ph. D

2010-2013

Lab focused on researching the representations of visual space in the brain, modelling visual search, uncovering the effect of action on perception and memory, and investigating the cause of simulator-sickness in an on-going study on driver distraction funded by Volkswagen Electronic Research Laboratory.

- Independently designed and implemented the simulated driving course of a published study on simulator-sickness (see #1 in Publications)
- Co-authored scientific literature
- Participant recruitment and data collection
- Contributed to the design of experimental protocols on several studies
- Assisted on other studies involving change detection tasks, face recognition, and embodied cognition theory



Richard Campusano Jr.

Research

Clinical Neuroscience
Behavioral Biology
Human-Machine Interaction
Disease Research

Richard.campusano1@gmail.com
(650)455-3053

389 Acacia Ave
San Bruno, CA 94066

Gymnastics Instructor and Manager, *Gymtowne Gymnastics*

2007-2012

Provided training in children's recreational and competitive gymnastics.

- Instructed multiple classes of 1-10 children ages 2 ½-12
- Managed a preschool and primary school-aged day care
- Scheduled staff, addressed caregiver concerns, developed educational plans, etc.

LABORATORY TECHNIQUES & SOFTWARE

Cognitive/Neurology Laboratory

HyperDrive/Dashboard (simulator software)

EEG (Biosemi, NeuroElectrics)

MRI

MATLAB data analysis script writing

EEGLAB, BCILAB, SIFT

BrainSight

BrainStorm

Administration of IQ tests

Biology Laboratory

Various wet lab and microscopy techniques

General

Microsoft Office Suite

Experimental design

Literature composition

Photoshop

Data management

RELEVANT COURSE WORK

University of California, Santa Cruz

Behavioral Neuroscience

Abnormal Psychology

Evolutionary Psychology

Developmental Psych. Old Age

Neuroscience (Intro. & Advanced)

Bio-Statistical Methods

Neurodegenerative Disease

Cell Biology

Eukaryotic Genetics w/ Lab

Biochemistry w/ Lab

Immunology

College of San Mateo

Biological Psychology

Experimental Psychology

Psychology Colloquium

Physics (Mech. & Elec./Mag.)

Organic Chemistry w/ Lab

Calculus (complete series)

Intro to Logic

Human Biology

PUBLICATIONS

1. Bridgeman, B., Blaes, S., & Campusano, R. (2014). Optical Correction Reduces Simulator Sickness in a Driving Environment. *Human Factors: The Journal of the Human Factors and Ergonomics Society*. doi:10.1177/0018720814533992
2. Bridgeman, B., Cooper, A., Campusano, R., Duffer, C., Santacruz, C., & Waterman, A., (2013) The Power of Deceptive Suggestion: How misleading information affects memory. Submitted for publication.