

SAMI ALSALLOOM

Psychology Department
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EDUCATION

ABD	UC Santa Barbara, Education Emphases: <i>Cognitive Science</i> and <i>Quantitative Methods in Social Science</i> Certificate in College and University Teaching	2022
M.A.	UC Santa Barbara, Education	2020
B.A.	CSU Northridge, Music & Honors Psychology <i>Cum Laude</i>	2016
A.A.	Skyline College, Music <i>Magna Cum Laude</i>	2013

TEACHING CERTIFICATIONS

Advancing Inclusive Mentoring, <i>California State University</i>	2022
Certificate in Online Teaching and Design, <i>@ONE California Community Colleges</i>	2022

HONORS AND AWARDS

UC Office of the President Community College Fellowship	2022—2023
CSU Chancellor's Doctoral Incentive Program	2022—2023
Eugene Cote-Robles Diversity Fellowship	2016—2021
Sally Casanova Predoctoral Fellowship	2015—2016
Northridge University Scholar	2014—2016

UNIVERSITY TEACHING EXPERIENCE

California State University, Northridge	Jan 2023 to Present
Lecturer , Psychology <i>Statistical Research Methods in Psychology with computer Lab</i> Upper division course in psychology focusing on statistical research methods and computer applications using SPSS. Topics included presenting statistics and results using tables, graphs, and paragraphs in APA style; descriptive statistics; t-tests; ANOVA; correlation and regression; chi square. Students are trained to calculate all statistical tests in Excel and report APA style results following all computer analyses.	
<i>Introduction to Psychological Measurement</i> Upper division course in psychology focusing on psychological testing and measurement. Topics include the basic components of psychological tests, how tests are constructed, in-depth coverage of reliability and validity, critical comparison of classical test theory and item response theory, and a survey of different kinds of psychological tests. Students will be able to conduct reliability analysis using SPSS, conduct a targeted literature search to find psychological tests, and program tests into Qualtrics.	
<i>Cognitive Psychology</i>	

Upper division course in cognitive psychology. Overview of mental processes and models of the mind, covering topics such as memory, attention, concepts and categories, language, music cognition, decision-making, and creative thinking.

Victor Valley College

Jun 2023 to Present

Lecturer, Psychology

Introductory Psychology (Online)

An online course in introductory psychology, providing an overview of essential topics in the field of psychology, including research methods, biological, social, developmental, cognitive, abnormal, motivational, industrial/organizational theories among others. Lectures are delivered online using Canvas and students are assessed through a variety of activities such as quizzes, questionnaire construction, guided research, online discussion, qualitative interviewing, experiment participation, and brief presentations.

Introductory Psychology (Justice-Involved Education)

A correspondence-based course in introductory psychology for currently incarcerated students. The course provides an overview of topics in general psychology. As a special addition to this course, students are guided through the process of designing and proposing a research experiment using a reader of current articles selected from the psychological literature.

California State University, Dominguez Hills

Jan 2023 to Present

Lecturer, Psychology

Intermediate Psychological Statistics and Research Design

An overview of statistical techniques that are useful in analyzing the results of common experimental research designs in Psychology. This course covered representing data using tables, graphs, and plots; measurements of central tendency and variability; standardized scores and the normal curve; hypothesis testing; interval estimation and the *t* distribution; independent samples *t* tests; correlation; dependent samples *t* tests; effect size and power; multiple comparisons and post-hoc comparisons; One-Way, Two-Way, Repeated Measures, and Mixed Design ANOVA.

Advanced Research Methods in Cognitive Psychology

Upper division course focusing on the design and implantation of an experimental research study in cognitive psychology. The lectures focused on theory in cognitive psychology with a focus on experimental methods. The lab portion focused on conducting a research study in collaboration with small groups.

Senior Seminar - Sense of Belonging

A seminar style course for seniors, focused on reading and researching literature within a specific topic in psychology. This course focused on the psychological construct of belonging. Students summarized research articles, presented validity arguments for psychological measurements of belonging, designed a factorial ANOVA experiment, conducted a power analysis, and proposed an independently designed experimental research study.

University of California, Santa Barbara

Aug 2022

Teaching Associate, Psychology

Research Methods in Psychological and Brain Sciences

Introductory course in research methods for pre-majors in Psychology. Students develop and write a research proposal. Students learn to design an experiment by developing a testable hypothesis, operationalizing IVs and DVs, developing appropriate methodology for testing their research questions, learning to interpret results, and considering ethics in research.

University of California, Santa Barbara

Oct 2020 to Present

Teaching Associate, Education

Practicum in Teaching in Higher Education

Practicum course in teaching in higher education. Students learn pedagogical techniques, theoretical frameworks for teaching, and evaluation of learning. Students create lesson plans, facilitate sections, and participate in professional development.

PROFESSIONAL SERVICE

California State University, Northridge

January 2023–Present

Community for Achievement in Psychological Sciences (CAPS) Center

- Summer Research Scholarship Application Workshop
- How to Apply for University Scholarships

General Education Workgroup

- General Education Syllabi SLO Evaluator

Center for Assessment, Research, and Evaluation

- Data Analyst & Program Evaluator

GRAD Center's Faculty Mentorship Program

- Psychology Faculty Mentor

California State University, Dominguez Hills

May 2023–June 2024

Academic Senate

- Non-Tenure Track Faculty Representative

Victor Valley College

Dec 2022–January 2023

Psychology PT Faculty

- Summer Research Scholarship Application Workshops

UCSB Office of Student Engagement and Leadership

Jan 2022–Dec 2023

- Co-Curricular Transcript

OTHER UNIVERSITY TEACHING EXPERIENCE

Chapman University

Fall 2023 & Spring 2024

Guest Lecturer, Psychology of Music

Music & Language

Guest lectured for Music and Language week for a course on the Psychology of Music for music majors at Chapman University. Introduced the broad area of cognitive research at the intersection of music and language and discussed current literature in the field. Special attention paid to the garden path paradigm and how it has been used to understand the connection between musical harmony and syntactic processing.

University of California, Santa Barbara

Sep 2018 to Present

Teaching Assistant, Psychology

Statistical Methods in Psychological and Brain Sciences

Introductory course in psychological statistics for pre-majors. Students learn statistical concepts (descriptive statistics, probability, sampling distributions, and inferential reasoning) and applications of basic statistical models (*t*-tests, ANOVA, correlation, regression, and chi-square), using SPSS or R. Students report results in APA style.

Laboratory in Advanced Research Methods

Upper-division course in experimental psychology. Students develop an experiment from hypothesis formation to a complete APA style manuscript. Students work together in a small research group and collaborate to design and conduct a well-conceived experiment. Students create a poster for the course and present it at a mock-symposium as part of their final requirement.

Cognitive Neuroscience

Upper-division survey of theory and research in cognitive neuroscience. Covers concepts from clinical neurology, neuroscience with brain injured and healthy humans, neuroimaging, electrophysiology, and neurostimulation. Includes topics such as the neural basis of memory, language, and perception.

University of California, Santa Barbara

Sep 2017 to Present

Teaching Assistant, Education

Introductory Statistics

Graduate level survey of statistics in educational psychology. Students intensively focus on sampling distributions, descriptive statistics, hypothesis testing, one and two-way ANOVA, simple and multiple regression. Labs focused on gaining facility in SPSS, screening data, applying statistical models and APA reports.

Inferential Statistics

Graduate level survey of statistics in educational psychology, focusing on experimental designs using ANOVA and ANCOVA. Lab sections use SPSS.

Introduction to the University Experience

Freshman orientation course. Students learn the mission of the research university and how to become involved in scholarly research. Students are introduced to campus resources for wellness, academic success, and student engagement & leadership. Critical thinking skills are developed through analytical writing assignments.

The Research University and the Transfer Student Experience

Transfer student orientation course. Students learn the mission of the research university and how to become involved in scholarly research. Students are introduced to campus resources for wellness, academic success, and student engagement & leadership. Critical thinking skills are developed through analytical writing.

Schooling in the U.S.

Upper-division critical examination of the relationship between school and society. Students evaluate their roles in a democratic society, discussing policy, politics, and equity. Discussions are contextualized in the history of schooling in the U.S.

California State University, Northridge

Aug 2015 to Aug 2016

Instructional Student Aid, Psychology

Statistical Methods in Psychological Research

Upper-division course in psychological statistics. Held office hours, offering extra assistance to students in the summer session. Assisted in proctoring exams.

Advanced Inquiry in Cognitive Neuroscience

Upper-division course in psychological cognitive neuroscience. Held office hours and facilitated class study sessions for exams.

College of Social and Behavioral Sciences Tutoring Center

Held office hours for tutoring, 20 hours per week. Tutored a variety of topics related to statistics and research methods in the College of Social and Behavioral Sciences.

California State University, Northridge

Aug 2014 to May 2015

Music Theory Tutor, Mike Curb College of Arts, Media & Communications

Music Theory Tutoring Center

Co-founded the Music Theory Tutoring Center. Held daily office hours for tutoring topics in lower division ear-training and music theory, such as voice-leading and chord identification.

RESEARCH GROUP EXPERIENCE

Music Cognition Lab, UCSB
Lab Supervisor

2017–2022

- Assisted in conducting Music Cognition experiments
- Participated in lab discussions
- Mentored undergraduate research assistants

What Everyone Says (WE1S), UCSB

2016—2018

Graduate Student Researcher

- Worked 20 hours per week analyzing digital humanities data
- The data was scraped from the web and organized using natural language processing
- Collaborated with an interdisciplinary team to make meaning out of this data

Latent Variable Group, UCSB

2016—2018

Graduate Student Researcher

- Managed research assistants to conduct Cognitive Interviews for Survey Validation
- Managed study participants using SONA online research management system
- Contributed to methodological discussions about applying latent variable models

Get Focused, Stay Focused, UCSB

2016—2017

Data Analyst

- Managed a large dataset of complex high school and community college transcript data including information about grades, attendance, year of attendance, graduation
- Created variables to calculate GPA, dependent on multiple factors
- Summarized findings using tables and figures for the first-year report

Applied Psychometrics Lab, CSUN

2014—2016

Co-Lab Coordinator

- Auditory Processing Fluency and Judgments of Truth
- Psychophysiological Reactions to People who Stutter

Neuroscience Lab, CSUN

2014—2016

Project Manager

- The effect of Neurofeedback on Mechanisms of Attention

RESEARCH PROJECTS

Measuring Sense of Belonging in California Community College Music Students

This project aims to understand what it means to belong to a music department for California Community College Music students. Sense of belonging is a useful metric in predicting students' academic success and academic satisfaction. It is also useful to know from a program evaluation standpoint. Sense of belonging is usually measured at the institutional level, but domain specific measurements of sense of belonging is a growing area of research.

Using the Garden Path Paradigm to Examine Musical Syntax

Investigating the cognitive connection between musical harmony and linguistic syntax using the garden path paradigm. Of special interest is how harmonic modulations using pivot chords are processed in comparison to garden path sentences. Does syntactical processing occur in cognitive domains outside of language?

LGBT Identity, Health, and Demographics

Investigating the important factors that LGBT individuals refer to as being most influential to the formation of their sexual and gender identities. How does each individual define their identity, how do they position themselves and perceive their position among others who share their identities, and to what extent does their identity affect their decision-making?

ELEMENTARY TEACHING EXPERIENCE

McEnroe Reading Clinic

Lead Teacher

Reading Clinic & Summer Reading Camp

Santa Barbara, CA

Sep 2016—Dec 2019

Boys and Girls Clubs of Northtowns
Music Teacher and Facilitator
After School Program

Buffalo, NY
Jan 2016—May 2016

Highlands Christian School
Orchestral Flute Instructor
Highlands Christian School Conservatory

San Bruno, CA
Sep 2012—July 2013

COMMUNITY SERVICE

Santa Barbara Gay Men's Chorus Inc.
Founder, Secretary, Community Outreach

June 2021—June 2022

PROFESSIONAL AFFILIATIONS

Society for Teaching Psychology
Society for Music Perception and Cognition
American Psychological Association
Western Psychological Association
American Educational Research Association
Music Association of California Community Colleges

POSTER PRESENTATIONS

- Alsalloom, S.,** *Liu, J., *Chan, J., *Bryan, M., *Balagtas, R., *Tan K., *Garibay, J., *Yang, Y., *Chang, C. (2022, August 4—7). *Participative Music facilitates Persistence through Sense of Belonging for Underrepresented Transfer Students* [Poster presentation] at the 2022 Society for Music Perception and Cognition Convention, Portland, OR.
- Alsalloom, S.,** Bausch, T., *Kan, T., *Douglas, K., *Moreno, G., *Pathak, H., *Cardoz de la Torre, H., *McKee, M., Bourne, J. (2019, August 5—7). *Pivot chords as harmonic garden paths: Cognitive revision from key change*. [Poster presentation] at the 2019 Society for Music Perception and Cognition Convention, New York, NY.
- Bourne, J., **Alsalloom, S.,** Bausch, T., *Cardoz de la Torre, H., *Dalarossa M., *Kan, T., *Lai, A., *Moreno, G., *Yu, J. (2019, August 5—7). *Marches, not Pastorals: The Influence of Contextual Information and Topics on Narrative Experiences in Music*. [Poster presentation] Society for Music Perception and Cognition Convention, New York, NY.
- Alsalloom, S.,** Samonte, A., Benoun, L., Kim, H., Carter, D.B., Kelly, K., Ainsworth, A. (2015, April 30—May 3). Processing Fluency and Judgments of Truth. [Poster presentation] Western Psychological Association Conference, Redrock, NV.
- Choi, P., Morain, K., **Alsalloom, S.,** Neswald, J., Ainsworth, A. (2015, April 30—May 3). Effects of Stuttered Speech on Arousal and Valence in Non-Sutterers. [Poster presentation] Western Psychological Association Conference, Redrock, NV.
- Damavandi, E., **Alsalloom, S.,** (2014). Spacing and Fluency Effects on Memory Retention. [Poster presentation] CSUN Psi-Chi Research Competition, Northridge, CA.

*Denotes undergraduate research assistants