

SAMI ALSALLOOM, M.A.

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Summary of Skills

- Ten years of experience teaching, applying, researching, and presenting research findings in social science
- Mixed Methods Education researcher and inclusive mentor with a nine-year history of leadership

Education

University of California Santa Barbara (UCSB)

Ph.D., Education: *Cognitive Science, Quantitative Methods in Social Science*

Santa Barbara, CA

12/2023

University of California Santa Barbara (UCSB)

M.A., Education

Santa Barbara, CA

06/2020

California State University, Northridge (CSUN)

B.A., Music and Honors Psychology

Northridge, CA

05/2016

Quantitative Methods

Using MPLUS, SPSS, RStudio

Correlation, Simple Regression, Multiple Regression, ANOVA, Path Analysis, Factor Analysis, Latent Class Analysis, Structural Equation Modeling, Classical Test Theory, Item Response Theory

Survey Methods

Questionnaire design, Constructing Measures, Analyzing and Validating Measures, Reliability Testing

Qualitative Methods

Qualitative Interviewing, Cognitive Interviewing, Focus Groups, Think-aloud, Participant-Observation

Relevant Experience

Co-Curricular Transcript (CCT) – Student Experience Research

Principal Investigator

Santa Barbara

01/2022–Present

- **Conduct** interviews, think-aloud, and focus group studies to investigate user experience of the CCT
- **Analyze & Organize** data into reader-friendly reports with actionable recommendations
- **Communicate** findings to stakeholders to improve the product, evaluate goals, and plan ahead
- **Lead a Team** of undergraduate researchers who are interested in user experience and student engagement

MURM Group

Principal Investigator

Santa Barbara

01/2022–Present

- **Investigate** experiences of underrepresented minority music students at California Community College
- **Measure** sense of belonging in the context of community music ensembles and its impact on success
- **Manage and train** eight research assistants to complete data entry and questionnaire creation

Research Methods in Psychology

Instructor

Santa Barbara

09/2018–Present

- **Guide** students through a complete experiment, including hypothesis formation, literature review, operationalization of independent and dependent variables, using appropriate measurements and methods, creating and presenting posters, data analysis, and writing a complete manuscript in APA style
- **Teach** statistical analysis, data management, using both SPSS and R, and reporting results
- **Communicate** complex information into material that is approachable and understandable

Music Cognition Lab

Lab Supervisor

Santa Barbara

01/2018–07/2022

- **Mentored** research assistants in experimental methods: Conducting experiments, data analysis and reports
- **Collaborated** on research projects by interpreting findings, sharing hypotheses, and contributing ideas

Latent Variable Group

Graduate Assistant

Santa Barbara

09/2018–12/2021

- **Conducted** cognitive interviews to validate factors and items on the Socio-Emotional Health Survey

Recent Conference 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.