

# Deshawn Sambrano

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## Education

2017      California State University, Fullerton (CSUF)  
Bachelor of Arts in Psychology, Minor in Philosophy  
GPA: 3.94

## Specialized Coursework

Advanced Psychological Statistics	Linear Algebra
Meta-Analysis (graduate seminar)	Scientific Writing
Multivariate Statistics (graduate course)	Biological Psychology
Psychometrics (graduate seminar)	Cognitive Neuroscience
Structural Equation Modeling (graduate course; Spring 2017)	Cellular Neurobiology (Spring 2017)

## Technical Skills

Proficient in:

- Languages: R,  $\text{\LaTeX}$ , HTML, CSS, JavaScript, Paperscript, Python, Bash
- Photo and video editors: Adobe Photoshop and Final Cut Express
- Stimulus Presentation software: PsyToolKit and Superlab
- Statistical software: EQS, FlexMIRT, Comprehensive Exploratory Factor Analysis (CEFA), Excel, and Statistical Package for the Social Sciences (SPSS)
- Survey generators: Qualtrics, PsyToolKit, and Google Forms

## Research Experience

Oct 2015 –      **Quantitative Psychology Laboratory**

Present      *Research Assistant*

Faculty Advisor: Dr. Kathleen Preston, Associate Professor of Psychology

Project Title: Emotion Regulation and Well-being: A Structural Equation Model

- Administered surveys via Qualtrics to participants on Amazon's mechanical Turk (mTurk) to test the relationship between emotion regulation, psychological well-being, and general life satisfaction; ran statistical analyses

- June 2015 – **Legal Psychology Laboratory**  
 Present *Maximizing Access to Research Careers (MARC) Scholar*  
 Faculty Advisor: Dr. Iris Blandón-Gitlin, Associate Professor of Psychology  
 Thesis Title: The Effects of Discrete Affective States on Information Processing Style, Judgment, and Decision Making
- Developed and tested an emotion induction procedure; designed an online experiment through Qualtrics to determine the influences of affective states on cognition; ran statistical analyses
- June 2016 – **Stanford Social Neuroscience Laboratory**  
 Aug 2016 *Stanford Summer Research Early Identification Program Scholar*  
 Faculty Advisor: Dr. Jamil Zaki, Assistant Professor of Psychology  
 Project Title: Motivational Influences on Perceptual Judgments: How What We Want Changes What We See
- Created a JavaScript-based version of the random dot motion task administered through mTurk service to test the effects of motivation on perceptual judgments; ran statistical analyses
- Oct 2013 – **Vision Laboratory**  
 May 2015 *Ronald E. McNair Post-baccalaureate Achievement Research Scholar*  
 Faculty Advisor: Dr. Jessie Peissig, Associate Professor of Psychology  
 Thesis Title: Exploring Differences in Posed and Genuine Emotional Expressions: A Facial Expression Database
- Created a database of posed and spontaneous emotional expressions; developed and administered surveys; designed experiments using SuperLab; edited videos and images with Final Cut Pro and Photoshop, respectively; ran statistical analyses
- Aug 2014 – **Forensic Psychology Laboratory**  
 May 2015 *Research Assistant*  
 Faculty Advisor: Dr. Russ Espinoza, Associate Professor of Psychology  
 Assisted on Project: Juror Bias in Criminal Court Decision Making
- Administered surveys; ran statistical analyses

## Manuscripts in Preparation

Browning, E. D., **Sambrano, D.**, Meyer, C., & Peissig, J. (*in prep*). Exploring Genuine and Posed Emotion Recognition. Planned to be submitted to *Visual Cognition*.

Fey, T., Blandón-Gitlin, I., **Sambrano, D.**, & Masip, J. (*in prep*). Does manipulation of context suspicion influence older adults' lie detection accuracy?. Planned to be submitted to *Psychology and Aging*.

Preston, K. S. J. & **Sambrano, D.** (*in prep*). PsyTools: A Toolkit for Common Statistical Analyses in Psychology [Computer software]. Planned to be submitted to *R Foundation for Statistical Computing*.

**Sambrano, D.** & Preston, K. S. J. (*in prep*). Emotion regulation and well-being: a structural equation model.

## Conference Presentations

### Papers and Symposiums

- Sambrano, D.,** Leong, Y. C., & Zaki, J. (2016, July). *Motivational influences on perceptual judgments: How what we want changes what we see*. Oral presentation at the Leadership Alliance National Symposium. Stamford, CT.
- Sambrano, D.** & Blandón-Gitlin, I. (2016, April). *The beneficial effects of sadness on decision-making*. Oral presentation at the Humanities and Social Sciences Symposium. CSUF Fullerton, CA.
- Fey, T., Blandón-Gitlin, I., & **Sambrano, D.** (2016, March). *Would context manipulation influence older adults' ability to detect deception?* Oral presentation at the American Psychology-Law Society. Atlanta, GA.
- Sambrano, D.** & Peissig, J. J. (2015, November). *Exploring differences between emotional experience and perceived facial expression*. Oral presentation at the Southern California Conference for Undergraduate Research. Harvey Mudd College, Claremont, CA.
- Sambrano, D.** & Peissig, J. J. (2015, July). *Exploring differences between posed and genuine expressions*. Oral presentation at the Annual Ronald E. McNair Scholars Symposium. Berkeley, CA.
- Sambrano, D.** (2015, March). *Do we select our political party based on emotional attachment or political ideology?* Oral presentation at Why We Argue & How We Should: Reason & Deliberation in Public Debate Philosophy Symposium. CSUF Fullerton, CA.
- Garcia, M., Medina, N., & **Sambrano, D.** (2014, March). *Reinventing a summer research program for students of color: An undergraduate and graduate student partnership*. Oral presentation at the American Association of Hispanics in Higher Education Conference, Costa Mesa, CA.

### Poster

- Sambrano, D.,** Blandón-Gitlin, I., & Masip, J. (2016, October). *The beneficial effects of sadness on decision-making*. Poster presented at the Society for Advancing Chicanos/Hispanics & Native Americans in Science Conference. Long Beach, CA.
- Sambrano, D.,** Leong, Y. C., & Zaki, J. (2016, July). *Do our desires shape what we see?* Poster presentation at Stanford's Summer Research Early Identification Symposium. Stanford, CA.
- Park, J., Preston, K. S. J., Manapat, P. D., **Sambrano, D.,** & Pizano, N. (2016, May). *Consequences of negatively worded items on the predictive capabilities of the NEO-PI-3 using the Nominal Response Model*. Poster presented at the Association for Psychological Science. Chicago, IL.
- Sambrano, D.,** Preston, K. S. J., Park, J., Manapat, P. D., & Pizano, N. (2016, May). *Decreasing participants' cognitive load while taking surveys under IRT*. Poster presentation at the Western Psychology Association Conference. Long Beach, CA.
- Sambrano, D.,** Preston, K. S. J., Park, J., Manapat, P. D., & Pizano, N. (2016, April). *Emotion regulation and well-being: A structural equation model*. Poster presentation at the Western Psychology Association Conference. Long Beach, CA.

- Park, J., Preston, K. S. J., Manapat, P. D., **Sambrano, D.**, & Pizano, N (2016, April). *Identifying consequences of negatively worded items with the nominal response model*. Paper presented at the Western Psychological Association. Long Beach, CA.
- Sambrano, D.** & Peissig, J. J. (2015, August). *Creating a facial expression database and exploring posed and genuine differences*. Poster presentation at the STEM Summer Research Symposium. CSUF, Fullerton, CA.
- Espinoza, R. K. E., **Sambrano, D.** Hunter, B., & Peterson, H. (2015, May). *Influence of jurors' views of mentally ill defendants and level of RWA for racially diverse defendants*. Poster presentation at the Western Psychological Association Conference. Las Vegas, NV.
- Person, D., Oganessian, K., & **Sambrano, D.** (2015, May). *Arts integration predicting creativity and motivation in elementary students*. Poster presentation at the Western Psychological Association Conference. Las Vegas, NV.
- Person, D., Oganessian, K., & **Sambrano, D.** (2015, May). *Professional development influencing art integration and teacher confidence*. Poster presentation at the Western Psychological Association Conference. Las Vegas, NV.
- Sambrano, D.**, Hunter, B., & Peterson, H. (2014, November). *The effects of mental illness attitudes and political ideology on juror decisions*. Poster presentation at the Southern California Conference for Undergraduate Research. CSUF Fullerton, CA.
- Person, D., Oganessian, K., & **Sambrano, D.** (2014, April). *The influence of teacher development on arts integration in elementary schools*. Poster presentation at the Western Psychological Association Conference. Portland, OR.
- Person, D., Cuellar, M., Barnett, C., **Sambrano, D.**, Fisk, R., & Arauz, K. (2014, February). *Reinventing a summer research program: A graduate and undergraduate student partnership*. Poster presented at California State University, Fullerton's Research Symposium: Pursuing Excellence in Educational Practice. CSUF Fullerton, CA.

## Work Experience

### Center for Research on Educational Access and Leadership (C-REAL)

May 2014 – *Statistician Lead*

Dec 2014 Director: Dr. Dawn Person, Professor of Educational Leadership

- Organized and led meetings; diagnosed and resolved data analysis and data write-up issues; merged data files to create longitudinal datasets; edited office manuscripts; led professional development workshops
- Led and co-led four projects: 1) integrating the arts into elementary school curricula, 2) introducing high school students to research, 3) creating interventions for college and high school students interested in nursing careers, and 4) personalizing middle school education in English and mathematics through gamified learning
  - o Organized data collection; ran statistical analyses; co-authored an annual report for each project

- Oct 2012 – *Research Assistant*  
 May 2014
- Led and co-led three projects: 1) integrating the arts into elementary school curricula, 2) introducing high school students to research, and 3) creating interventions for college students interested in teaching
    - o Organized data collection; ran statistical analyses; co-authored an annual report for each project

## Teaching Experience

- Spring 2016 *Teaching Assistant for Multivariate Statistics for Psychology*  
 Professor: Dr. Kathleen Preston
- Held weekly office hours
  - Created rubrics for and graded homework assignments
  - Assisted students with R code
- Spring 2015 – 2016 *Teaching Assistant for Elementary Statistics in Psychology*  
 Professor: Dr. Kathleen Preston
- Held weekly office hours
  - Graded homework assignments
  - Taught students how to conduct analyses in SPSS in the laboratory section
- Fall 2015 *Teaching Assistant for Advanced Psychological Statistics*  
 Professor: Dr. Kathleen Preston
- Held weekly office hours
  - Graded homework assignments
  - Assisted students with R code
- April 2015 *Guest Lecturer for Multivariate Statistics for Psychology*  
 Professor: Dr. Kathleen Preston
- Title: Introduction to Time Series
- Fall 2014 *Teaching Assistant for Research Methods in Psychology*  
 Dr. Russ Espinoza
- Held weekly office hours
  - Graded homework assignments
  - Held review sessions for exams

## Honors & Awards

- 2016 Appreciation for Volunteer Service from Girl Scouts of Orange County  
 2015 – 2017 Maximizing Access to Research Careers (MARC) Scholar  
 2013 – 2017 Ronald E. McNair Post-baccalaureate Achievement Program Scholar  
 2012 – 2016 Dean's Honors List  
 2014 Certificate of Appreciation from C-REAL  
 2014 Inducted into PSI CHI, The International Honor Society in Psychology  
 2014 Recognition of Services Award, Volunteer Services Program

## Grants

2016	Society for Advancing Chicanos/Hispanics & Native Americans in Science (SACNAS) Travel Grant
2016	JoAnn Brannock Travel Grant, CSUF
2016	Department of Psychology Travel Grant, CSUF
2015	Department of Psychology Travel Grant, CSUF
2015	Inter-Club Council Travel Grant, CSUF
2014	Associated Students Incorporated Research Grant, CSUF

## Academic Affiliations & Memberships

2016	Association for Psychological Science, Student Member
2015	SACNAS, Student Member
2014	Psychology Department Student Association
2014	Western Psychology Association, Student Member

## Volunteer

2016	<b>Girl Scouts of Orange County STEM Expo</b> <ul style="list-style-type: none"><li>• Facilitated a booth that exposed girl scouts to some fundamental principles of attention and perception and introduced psychology as a STEM field</li></ul>
2016	<b>American Psychology-Law Society, Maywood, Atlanta, GA</b> <ul style="list-style-type: none"><li>• Kept time for presenters</li></ul>
2012 – 2015	<b>Maywood Education Fair (4th – 7th annual), Maywood, CA</b> <ul style="list-style-type: none"><li>• Organized facilities day of event</li><li>• Facilitated a workshop to teach elementary school children what college is and the importance of attending college</li></ul>
2014	<b>Social Justice Summit, CSUF, Fullerton CA</b> <ul style="list-style-type: none"><li>• Organized rooms and assisted workshop facilitators</li></ul>
2014	<b>Equity and Outcomes: Institutional Strategies for Improving Access and Success for Underrepresented Students Educational Symposium, CSUF, Fullerton CA</b> <ul style="list-style-type: none"><li>• Organized facilities for research presenters</li></ul>
2014	<b>Pursuing Excellence in Educational Practice Research Symposium, CSUF, Fullerton CA</b> <ul style="list-style-type: none"><li>• Organized facilities for research presenters</li></ul>
2013	<b>Sexual Orientation and Gender Identity: On Your Campus/In Your Classroom Conference, Brea, CA</b> <ul style="list-style-type: none"><li>• Organized facilities for research presenters and assisted workshop facilitators</li></ul>

- 2013      **Mindfulness and Learning Research Symposium, CSUF, Fullerton CA**
- Organized facilities day of event
  - Assisted in planning and organizing the event
- 2012      **The Center for Research on Educational Access and Leadership**
- Entered data
  - Ran and reported descriptive statistics