

Sarfaraz Serang

University of South Carolina
 Department of Psychology
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 Columbia, SC 29208

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 Lab website: seranglab.weebly.com

Education

University of Southern California Aug 2013 – Aug 2018
 Ph.D., Psychology
 Dissertation: On the Latent Change Score Model in Small Samples
 Advisor: Rand R. Wilcox, Ph.D.

University of Southern California Aug 2013 – May 2015
 M.A., Psychology
 Thesis: Estimation of Nonlinear Mixed Effects Mixture Models
 with Individually Varying Measurement Occasions
 Advisor: John J. McArdle, Ph.D.

University of California, Davis Sep 2009 – Dec 2012
 B.S., Statistics and Psychology
 Statistics - Emphasis in Psychology and Human Development (Honors)
 Psychology - Emphasis in Mathematics (Highest Honors)
 Thesis: Bayesian Estimation of Nonlinear Mixed Effects Mixture Models
 Advisor: Kevin J. Grimm, Ph.D.

Professional Positions

Assistant Professor of Psychology Aug 2022 - present
 University of South Carolina

Assistant Professor of Psychology Aug 2018 - June 2022
 Utah State University

Publications

Articles

24. Weeks, S. N., Renshaw, T. L., & **Serang, S.** (in press). Validating the structure of proximal and distal factors within the Sexual Minority Adolescent Stress Inventory. *Psychoeducational Assessment*.
23. Maiya, S., Whiteman, S. D., **Serang, S.**, Dayley, J. C., Maggs, J. L., Mustillo, S. A., & Kelly, B. C. (in press). Associations between older siblings' substance use and younger siblings' substance use intentions: Indirect effects via substance use expectations. *Addictive Behaviors*.
22. Maiya, S., Whiteman, S. D., Cassinat, J. R., **Serang, S.**, Wray-Lake, L., Kelly, B. C., Maggs, J. L., & Mustillo, S. A. (in press). Direct and indirect effects of maternal and sibling intimacy

- on adolescents' volunteering via social responsibility values: A longitudinal study. *Journal of Social and Personal Relationships*.
21. Grimm, K. J., Jacobucci, R., Stegmann, G., & **Serang, S.** (2022). Explorations of individual change processes and their determinants: A novel approach and remaining challenges. *Multivariate Behavioral Research*, *57*, 525-542.
 20. Blais, R. K., Hess, R. A., & **Serang, S.** (2021). The buffering role of higher relationship satisfaction on hazardous drinking among partnered female military service members/veteran reporting PTSD and depressive symptoms. *Addictive Behaviors*, *123*, Article 107081.
 19. **Serang, S.**, & Sears, J. (2021). Tree-based matching on structural equation model parameters. *Behavioral Data Science*, *1*, 31-53.
 18. Cassinat, J. R., Whiteman, S. D., **Serang, S.**, Dotterer, A. M., Mustillo, S. A., Maggs, J. L., & Kelly, B. C. (2021). Changes in family chaos and family relationships during the COVID-19 pandemic: Evidence from a longitudinal study. *Developmental Psychology*, *57*, 1597-1610.
 17. Gillam, R. B., **Serang, S.**, Montgomery, J. W., & Evans, J. L. (2021). Cognitive processes related to memory capacity explain nearly all of the variance in language test performance in school-age children with and without developmental language disorder. *Frontiers in Psychology*, *12*.
 16. Blais, R. K., Cruz, R. A., & **Serang, S.** (2021). More frequent negative social exchanges are associated with higher suicide risk in men service members/veterans. *Suicide and Life-Threatening Behavior*, *51*, 755-766.
 15. **Serang, S.** (2021). A Monte Carlo test for longitudinal structural equation models in small samples. *Structural Equation Modeling*, *28*, 165-181.
 14. **Serang, S.** (2021). A comparison of three approaches for identifying correlates of heterogeneity in change. *New Directions for Child and Adolescent Development*, *2021* (175), 141-160.
 13. Haynes, J. M., Galizio, A., Frye, C. C. J., Towse, C. C., Morrissey, K. N., **Serang, S.**, & Odum, A. L. (2021). Discounting of food and water in rats shows trait- and state-like characteristics. *Journal of the Experimental Analysis of Behavior*, *115*, 495-509.
 12. O'Loughlin, C. M., Culianos, D., Park, Y., **Serang, S.**, & Ammerman, B. A. (2021). Implementing exploratory mediation to clarify the nonsuicidal self-injury – suicidality connection. *Psychopathology and Behavioral Assessment*, *43*, 206-215.
 11. **Serang, S.**, Jacobucci, R., Stegmann, G., Brandmaier, A. M., Culianos, D., & Grimm, K. J. (2021). Mplus Trees: Structural equation model trees using Mplus. *Structural Equation Modeling*, *28*, 127-137.
 10. **Serang, S.**, & Jacobucci, R. (2020). Exploratory mediation analysis of dichotomous outcomes via regularization. *Multivariate Behavioral Research*, *55*, 69-86.
 9. Jacobucci, R., **Serang, S.**, & Grimm, K. J. (2019). A short note on complications in interpretation with the dual change score model. *Structural Equation Modeling*, *26*, 924-930.
 8. **Serang, S.**, Grimm, K. J., & Zhang, Z. (2019). On the correspondence between the latent growth curve and latent change score models. *Structural Equation Modeling*, *26*, 623-635.

7. Stegmann, G., Jacobucci, R., **Serang, S.**, & Grimm, K. J. (2018). Recursive partitioning with nonlinear change trajectories. *Multivariate Behavioral Research*, *53*, 559-570.
6. Ammerman, B. A., **Serang, S.**, Jacobucci, R., Burke, T. A., Alloy, L. B., & McCloskey, M. S. (2018). Exploratory analysis of mediators in the relationship between childhood maltreatment and suicidal behavior. *Journal of Adolescence*, *69*, 103-112.
5. **Serang, S.**, Jacobucci, R., Brimhall, K. C., & Grimm, K. J. (2017). Exploratory mediation analysis via regularization. *Structural Equation Modeling*, *24*, 733-744.
4. Wilcox, R. R., & **Serang, S.** (2017). Hypothesis testing, p values, confidence intervals, measures of effect size and Bayesian methods in light of modern robust techniques. *Educational and Psychological Measurement*, *77*, 673-689.
3. Hung, A. J., Bottyan, T., Clifford, T. G., **Serang, S.**, Nakhoda, Z. K., Shah, S. H., Yokoi, H., Aron, M. & Gill, I. S. (2017). Structured learning for robotic surgery utilizing a proficiency score: A pilot study. *World Journal of Urology*, *35*, 27-34.
2. **Serang, S.**, Grimm, K. J., & McArdle, J. J. (2016). Estimation of time-unstructured nonlinear mixed-effects mixture models. *Structural Equation Modeling*, *23*, 856-869.
1. **Serang, S.**, Zhang, Z., Helm, J., Steele, J. S., & Grimm, K. J. (2015). Evaluation of a Bayesian approach to estimating nonlinear mixed-effects mixture models. *Structural Equation Modeling*, *22*, 202-215.

Chapters

2. Grimm, K. J., Stegmann, G., Jacobucci, R., & **Serang, S.** (2020). Big data in developmental psychology. In S. E. Woo, L. Tay, & R. W. Proctor (Eds.), *Big data in psychological research* (p. 297-317). American Psychological Association.
1. **Serang, S.** (2018). Small sample corrections to model fit criteria for latent change score models. In E. Ferrer, S. M. Boker, & K. J. Grimm (Eds.), *Longitudinal multivariate psychology* (pp. 145-165). Routledge.

Abstracts

3. Bottyan, T., Clifford, T. J., Nakhoda, Z. K., **Serang, S.**, & Hung, A. J. (2016). Development of a smart phone friendly web app for live evaluation of robotic surgery. *The Journal of Urology*, *195*, e216-e217.
2. Hung, A. J., Bottyan, T., **Serang, S.**, Clifford, T. J., Shah, S. H., Yokoi, H., Aron, M., & Gill, I. S. (2016). Structured learning for robotic surgery utilizing a generic proficiency score. *The Journal of Urology*, *195*, e216.
1. Nabhani, J., Bottyan, T., Clifford, T. J., **Serang, S.**, & Hung, A. J. (2016). Analysis of Global Evaluative Assessment of Robotic Surgery (GEARS) as an immediate assessment tool in robotic surgery curriculum. *The Journal of Urology*, *195*, e115-e116.

Grants

Co-Investigator (PI: Shawn Whiteman)

Sibling Socialization of Alcohol and Drug Use from Early through Late Adolescence

National Institute on Alcohol Abuse and Alcoholism (R01AA025331)

09/20/2017 – 06/30/2022

Total Costs: \$2,415,417

Co-Investigator (PI: Shawn Whiteman)

Longitudinal Impacts of Pandemic-Induced Disruptions on Adolescent Siblings' and Parents' Alcohol Use: A Family Life Course Perspective

National Institute on Alcohol Abuse and Alcoholism (R01AA030191)

06/01/2022 - 03/31/2025 Total Costs: \$1,002,918

Co-Investigator (PI: Wilhelmina van Dijk)

Examining Implementation Fidelity as a Mediating Factor for Student Outcomes in Reading

Institute of Education Sciences

Total Costs: \$666,067.26 (Under Review)

Co-Investigator (PI: Mike Levin)

Improving Online Behavioral Weight Loss for Adults with High Weight Self-stigma through Adjunctive Acceptance and Commitment Therapy

National Institute of Diabetes and Digestive and Kidney Diseases (R01)

Total Costs: \$2,477,336.02 (Not funded)

Co-Investigator (PI: Shawn Whiteman)

Longitudinal Impacts of Pandemic-Induced Disruptions on Adolescents' and Parents' Alcohol Use: A Life Course Perspective

National Institute on Alcohol Abuse and Alcoholism (R01)

Total Costs: \$1,081,007.88 (Not funded)

Co-Investigator (PI: Amy Odum)

The Rodent Electronic Nicotine Delivery System (RENDS): Behavior, Pharmacology and Resulting Pathology

National Institute on Drug Abuse (R21)

Total Costs: \$392,642.87 (Not funded)

Co-Investigator (PI: Amy Odum)

The Relation between Delay Discounting and Nicotine Self-Administration in a Preclinical Model: Vaporized Delivery

National Institute on Drug Abuse (R21)

Total Costs: \$391,292.31 (Not funded)

Consultant (PI: Mike Levin)

Enhancing Online Weight Loss Intervention Outcomes by Reducing Weight Self-stigma with Adjunctive Acceptance and Commitment Therapy

National Institute of Diabetes and Digestive and Kidney Diseases (R21)

Total Costs: \$396,032.72 (Not funded)

Presentations

Talks

Serang, S. (2022, September). Jack McArdle's influence on me and my work. *Quantitative Methods Speaker Series*, University of Southern California, Los Angeles, CA.

Serang, S. (2020, October). *Mplus* trees and applications to COVID-19. *Quantitative Psychology Seminar*, McGill University, Montreal, QC, Canada.

Serang, S., & Sears, J. (2020, October). Applications of tree-based matching on SEM parameters to COVID-19. *Quantitative Psychology Brown Bag*, University of California, Los Angeles, CA.

Serang, S. (2020, October). *Mplus* trees and applications to COVID-19. *Psychology Department Colloquium*, Utah State University, Logan, UT.

Serang, S. (2020, October). *Mplus* trees and applications to COVID-19. *Quantitative Methods Colloquium*, Vanderbilt University, Nashville, TN.

Serang, S. (2020, September). *Mplus* trees and applications to COVID-19. *Quantitative Forum*, University of North Carolina, Chapel Hill, NC.

Serang, S. (2020, September). *Mplus* trees and applications to COVID-19. *Quantitative Brown Bag Speaker Series*, Arizona State University, Tempe, AZ.

Grimm, K. J., Jacobucci, R., Stegmann, G., & **Serang, S.** (2020, January). Explorations of individual change processes and their determinants: A novel approach and remaining challenges. *Psychology Department Colloquium*, Utah State University, Logan, UT.

Grimm, K. J., Jacobucci, R., Stegmann, G., & **Serang, S.** (2018, October). Explorations of individual change processes and their determinants: A novel approach and remaining challenges. *Cattell Award Address at the Society for Multivariate Experimental Psychology*, Albuquerque, NM.

Grimm, K. J., Stegmann, G., Jacobucci, R., & **Serang, S.** (2018, March). Machine learning approaches to understanding differences in longitudinal change trajectories. *Keynote address at the 6th Annual Meeting of the Texas Universities' Educational Statistics and Psychometrics Alliance*, College Station, TX.

Serang, S. (2017, October). Exploratory mediation analysis via regularization. *Quantitative Seminar*, University of Notre Dame, Notre Dame, IN.

Serang, S. (2016, October). Small sample corrections to model fit criteria for latent change score models with missing data. *Advances in Longitudinal Models for Multivariate Psychology: A Festschrift for Jack McArdle*, Richmond, VA.

Symposia

Fleming, D. J. M., Dorsch, T. E., **Serang, S.**, Hardiman, A. L., & Blazo, J. A. (2022, May). The influence of socioeconomic status and its effects on children returning to sport post-COVID-19: The perceptions of sport parents. *North American Society for the Psychology of Sport and Physical Activity Annual Conference*, Kona, HI.

Ammerman, B. A., & **Serang, S.** (2019, April). Implementing exploratory mediation to identify NSSI behavior features facilitating the NSSI-suicide connection. *The 52nd Annual Conference for the American Association of Suicidology*, Denver, CO.

Grimm, K. J., Jacobucci, R., Stegmann, G., & **Serang, S.** (2019, March). Explorations of individual change processes and their determinants: A novel approach and remaining challenges. *Biennial Meeting of the Society for Research in Child Development*, Baltimore, MD.

Bae, C. L., **Serang, S.**, & Dozier, T. (2018, October). Examining the effects of an urban teacher residence program on students' math and reading achievement: Evidence from classroom-based and benchmark measures. *Consortium for Research on Educational Assessment and Teaching Effectiveness (CREATE)*, Williamsburg, VA.

Serang, S. (2018, September). Model fit and comparison of the latent change score model in small samples. *Developmental Methods Conference*, Whitefish, MT.

Stegmann, G., Jacobucci, R., **Serang, S.**, & Grimm, K.J. (2018, August). Using data mining to find heterogeneous nonlinear change trajectories. *International Meeting of the Psychometric Society*, San Francisco, CA.

Stegmann, G., Jacobucci, R., **Serang, S.**, & Grimm, K.J. (2018, July). Identifying divergent nonlinear growth trajectories using recursive partitioning. *American Psychological Association Annual Convention*, New York, NY.

Ammerman, B. A., Jacobucci, R., Turner, B. J., **Serang, S.**, & McCloskey, M. S. (2017, November). Quantifying the importance of lifetime frequency versus number of methods used in the consideration of NSSI severity. *The 51st Annual Convention for the Association for Behavioral and Cognitive Therapies*, San Diego, CA.

Jacobucci, R., **Serang, S.**, & Ammerman, B. A. (2017, November). Multivariate approaches to exploratory data mining with the application of exploratory mediation for self-injury. *The 51st Annual Convention for the Association for Behavioral and Cognitive Therapies*, San Diego, CA.

Serang, S., Grimm, K. J., & McArdle, J. J. (2016, July). Estimation of time-unstructured nonlinear mixed effects mixture models. *International Meeting of the Psychometric Society*, Asheville, NC.

Posters

Bera, J., Golson, M. E., McClain M. B., Farmer, R. L., Harris, B., **Serang, S.**, & Schwartz, S. E. (2022, February). Testing measurement invariance in the Vineland 3. *National Association of School Psychologists Annual Convention*, Boston, MA.

Maiya, S., Whiteman, S. D., Dayley, J. C., **Serang, S.**, Kelly, B. C., Maggs, J. L., & Mustillo, S. A. (2022, March). Direct and indirect effects of maternal and sibling intimacy on adolescents' volunteering via social responsibility values: A longitudinal study. *Biennial Meeting of the Society for Research on Adolescence*, New Orleans, LA.

Whiteman, S. D., Maiya, S., Dayley, J. C., **Serang, S.**, Kelly, B. C., Mustillo, S. A., & Maggs, J. L. (2022, March). Associations between older siblings' substance use and younger siblings' substance use intentions: Indirect effects via substance use expectations. *Biennial Meeting of the Society for Research on Adolescence*, New Orleans, LA.

Whiteman, S. D., Cassinat, J. R., **Serang, S.**, Maiya, S., Kelly, B. C., Mustillo, S. A., & Maggs, J. L. (2021, June). Adolescents' drinking during the COVID-19 pandemic shut-downs: Increased influence of siblings? *Annual Scientific Meeting of the Research Society on Alcoholism*, Online.

Cassinat, J. R., Whiteman, S. D., **Serang, S.**, Dotterer, A. M., Mustillo, S. A., Maggs, J. L., & Kelly, B. C. (2021, June). Changes in family relationships during the Coronavirus pandemic: Evidence from a longitudinal study. *Annual Meeting of the National Council on Family Relations*, Online.

Serang, S., Jacobucci, R., & Cuianos, D. (2019, March). Exploratory mediation analysis of dichotomous outcomes via regularization. *International Convention of Psychological Science*, Paris, France.

Bottyan, T., Clifford, T. J., Nakhoda, Z. K., **Serang, S.**, & Hung, A. J. (2016, May). Development of a smart phone friendly web app for live evaluation of robotic surgery. *American Urological Association*, San Diego, CA.

Hung, A. J., Bottyan, T., **Serang, S.**, Clifford, T. J., Shah, S. H., Yokoi, H., Aron, M., & Gill, I. S. (2016, May). Structured learning for robotic surgery utilizing a generic proficiency score. *American Urological Association*, San Diego, CA.

Nabhani, J., Bottyan, T., Clifford, T. J., **Serang, S.**, & Hung, A. J. (2016, May). Analysis of Global Evaluative Assessment of Robotic Surgery (GEARS) as an immediate assessment tool in robotic surgery curriculum. *American Urological Association*, San Diego, CA.

Bottyan, T., **Serang, S.**, & Homeier, D. C. (2016, April). Factors structure of the Spanish and English GDS: Exploring the cultural competence of a routine screening tool. *Latino Medical Student Association National Conference*, Pomona, CA.

Serang, S., Zhang, Z., Helm, J., Steele, J. S., & Grimm, K. J. (2015, May). Evaluation of a Bayesian approach to estimating nonlinear mixed-effects mixture models. *Modern Modeling Methods Conference*, Storrs, CT.

Software

Serang, S., Jacobucci, R., Grimm, K. J., Stegmann, G., & Brandmaier, A. M., (2020). MplusTrees: Decision Trees with Structural Equation Models Fit in Mplus (version 0.1.1) [Software]. Available from <https://cran.r-project.org/web/packages/MplusTrees/index.html>

Jacobucci, R., Grimm, K. J., Brandmaier, A. M., **Serang, S.**, & Kievit, R. A. (2018). regsem: Performs Regularization on Structural Equation Models (version 1.2.0) [Software]. Available from <https://cran.r-project.org/web/packages/regsem/index.html>

Jacobucci, R., Stewart, S., Abdoell, M., **Serang, S.**, & Stegmann, G. (2018). longR-Part2: Recursive Partitioning of Longitudinal Data (version 0.2.3) [Software]. Available from <https://cran.r-project.org/web/packages/longRPart2/index.html>

Classroom Teaching

University of South Carolina

Instructor

PSYC 826 – Longitudinal Data Analysis for Behavioral Sciences 2022

Utah State University

Instructor

PSY 6600 – Statistical Foundations 2019 – 2022

PSY 7610 – Regression Analysis 2019 – 2021

PSY 7760 – Structural Equation Modeling 2018 – 2021

Guest Lecturer

PSY 6560 – Intro to Educational and Psychological Research Oct 2020

University of Southern California

Teaching Assistant

PSYC 502 – Analysis of Variance and Experimental Design 2016 – 2017

PSYC 274 – Introduction to Psychological Statistics 2015

PSYC 501 – Statistics in Psychological Research 2014 – 2016

Guest Lecturer

PSYC 575 – Multivariate Statistics Nov 2016

PSYC 502 – Analysis of Variance and Experimental Design Apr 2014

PSYC 524 – Research Design in Developmental Psychology Apr 2014

Department of Psychology GC3 Lecture Series

Latent Growth Curve Models Feb 2015

Statistical Learning – Ridge Regression and the LASSO Nov 2014

Data Analysis: From Start to Finish Sep 2014

Using R for Data Management Feb 2014

Introduction to Monte Carlo Simulations Feb 2014

Workshop Teaching

- QuantFish. *Latent Growth Curve Modeling with lavaan*. Online. Oct 2021
- American Psychological Association Advanced Training Institute. *Structural Equation Modeling in Longitudinal Research*. Online. Jun 2021
- American Psychological Association Advanced Training Institute. *Structural Equation Modeling in Longitudinal Research*. Online. Jul 2020
- American Psychological Association Advanced Training Institute. *Structural Equation Modeling in Longitudinal Research*. Online. Jun 2020
- American Psychological Association Advanced Training Institute. *Analysis of Intensive Longitudinal Data: Experience Sampling & EMA Data*. Arizona State University, Tempe, AZ. Jun 2019
- American Psychological Association Advanced Training Institute. *Structural Equation Modeling in Longitudinal Research*. Arizona State University, Tempe, AZ. May 2019
- American Psychological Association Advanced Training Institute. *Exploratory Data Mining in Behavioral Research*. Arizona State University, Tempe, AZ. Jun 2018
- American Psychological Association Advanced Training Institute. *Structural Equation Modeling in Longitudinal Research*. Arizona State University, Tempe, AZ. May 2018
- American Psychological Association Advanced Training Institute. *Exploratory Data Mining in Behavioral Research*. Arizona State University, Tempe, AZ. Jun 2017
- American Psychological Association Advanced Training Institute. *Structural Equation Modeling in Longitudinal Research*. Arizona State University, Tempe, AZ. May 2017
- American Psychological Association Advanced Training Institute. *Exploratory Data Mining in Behavioral Research*. Arizona State University, Tempe, AZ. Jun 2016
- American Psychological Association Advanced Training Institute. *Structural Equation Modeling in Longitudinal Research*. Arizona State University, Tempe, AZ. May 2016

American Psychological Association Advanced Training Institute. Jun 2015
Exploratory Data Mining in Behavioral Research. Arizona State University, Tempe, AZ.

American Psychological Association Advanced Training Institute. May 2015
Structural Equation Modeling in Longitudinal Research. Arizona State University, Tempe, AZ.

Student Committees

Utah State University

Jenna Dayley, HDFS (PhD Committee Member)	2022
Rafaela Fontes, Psychology (PhD Committee Member)	2021
Jennifer Krafft, Psychology (PhD Committee Member)	2021
Amanda Hagman, Psychology (PhD Committee Member)	2020
Stephanie Crank, Psychology (Comp. Exam Committee Member)	2020
Morgan Kawamura, Psychology (MS Committee Member)	2018

University Service

University of South Carolina

Psychology - SIPS - Building Your Scientific Network Panel	Oct 2022
Psychology - Quantitative Admissions Committee Chair	2022

Utah State University

Psychology - Director, Quantitative Psychology PhD Specialization	2021-2022
Psychology - Quantitative Faculty Search Committee	2020
Psychology - Scholarship Selection Committee	2020
Psychology - Faculty Searches Workgroup	2018

Editorial Board

Journal of Behavioral Data Science	2020 -
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Ad-Hoc Reviewer

American Educational Research Journal
Behavior Research Methods
Behavioral Data Science
Child Development
Child Maltreatment
College Student Psychotherapy
Educational and Behavioral Statistics
Educational and Psychological Measurement
Experimental Analysis of Behavior
Frontiers in Psychology
Geriatric Medicine and Gerontology
Multivariate Behavioral Research
Nature Human Behaviour

New Directions for Child and Adolescent Development
Psychological Methods
Psychology of Sport and Exercise
Psychometrika
Quality of Life Research
SAGE Open
Social Development
Structural Equation Modeling

Advanced Training

Utah State University Department of Human Development and Family Studies. <i>Modeling Dynamic Systems over Time: Using State Space Grids for Moment-by-Moment Analysis</i> . Utah State University, Logan, UT.	Apr 2019
American Psychological Association Advanced Training Institute. <i>Exploratory Data Mining in Behavioral Research</i> . University of California, Davis, CA.	Jun 2014
American Psychological Association Advanced Training Institute. <i>Structural Equation Modeling in Longitudinal Research</i> . University of California, Davis, CA.	May 2014

Awards and Honors

USC Ph.D. Achievement Award Nomination	Mar 2018
USC Psychology Department Travel Award	Jul 2016
USC Graduate School Travel Award	May 2016
Society of Multivariate Experimental Psychology Travel Award	May 2014
APA Science Directorate Travel Award	May 2014
USC Provost's Ph.D. Fellowship	Aug 2013 – May 2018
Department Citation – UC Davis Department of Statistics	Jun 2013
Department Citation – UC Davis Department of Psychology	Jun 2013
Robert G. and Ida A. Sproul Scholarship	Sep 2011 – Jun 2012
James and Leta Fulmor Scholarship	Sep 2009 – Dec 2012
Integrated Studies Honors Program	Sep 2009 – Dec 2012
UC Davis College of Letters and Science Dean's Honors List	Sep 2009 – Jun 2012

Work and Internships

Consultant – USC Graduate Consultation and Computer Center	Jan 2015 – May 2017
Research Assistant – UC Davis Coss Research Lab	Mar 2012 – Jun 2012
Tutor – UC Davis Student Academic Success Center	Nov 2011 – Jun 2012
Research Assistant – UC Davis Language Learning Lab	Sep 2011 – Dec 2012
Research Assistant – UC Davis Memory and Development Lab	Sep 2010 – Sep 2011

Organization Affiliations

Psychometric Society	Apr 2016
American Psychological Association	Apr 2014
Association for Psychological Science	Apr 2014
Phi Beta Kappa Honor Society	Apr 2012
Phi Kappa Phi Honor Society	Apr 2011
Psi Chi Honor Society	Apr 2011
UC Davis Center for Mind and Brain	Sep 2010
UC Davis Undergraduate Psychology Association	Sep 2009